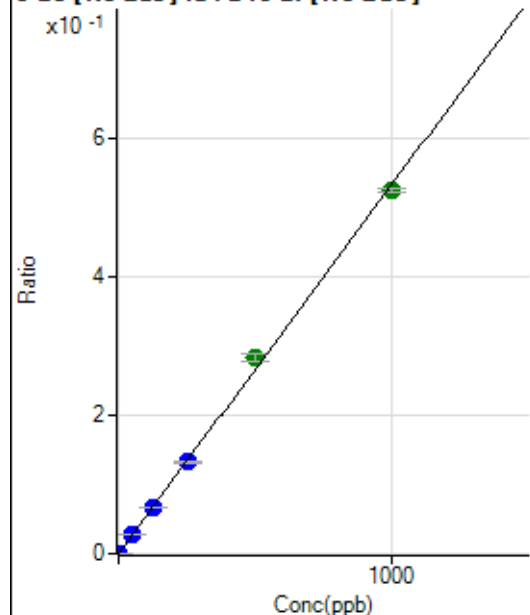


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8092821MS.b\
Analysis File: P8092821MS.batch.bin
DA Date-Time: 2021-09-28 14:08:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-09-28 12:33:14
2	005CALS.d	S02	2021-09-28 12:39:23
3	006CALS.d	S03	2021-09-28 12:42:29
4	007CALS.d	S04	2021-09-28 12:45:32
5	008CALS.d	S05	2021-09-28 12:48:37
6	009CALS.d	S06	2021-09-28 12:51:41
7	010CALS.d	S07	2021-09-28 12:54:47
8	011CALS.d	S08	2021-09-28 12:57:49

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.32	0.0000	P	28.4
2	☐	1.000	1.036	3445.07	0.0006	P	2.5
3	☐	50.000	50.912	176005.26	0.0271	P	0.6
4	☐	125.000	126.395	443014.23	0.0672	P	0.3
5	☐	250.000	248.616	864019.11	0.1322	P	2.5
6	☐	500.000	532.070	1724356.57	0.2828	A	3.0
7	☐	1000.000	984.091	3268894.53	0.5231	A	1.0
8	☐			390.60	0.0001	P	16.9

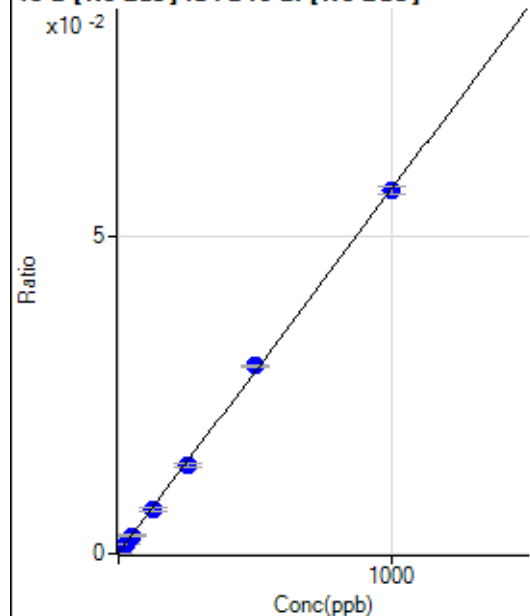
$$y = 5.3156\text{E-}004 * x + 8.5994\text{E-}006$$

$$R = 0.9992$$

$$DL = 0.01377$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	395.93	0.0001	P	2.3
2	☐	25.000	25.452	9345.80	0.0015	P	11.8
3	☐	50.000	48.431	18493.35	0.0028	P	6.0
4	☐	125.000	120.064	45894.97	0.0070	P	6.0
5	☐	250.000	242.028	91361.59	0.0140	P	3.7
6	☐	500.000	514.497	180752.94	0.0296	P	1.8
7	☐	1000.000	995.428	358083.29	0.0573	P	2.0
8	☐			29501.80	0.0050	P	6.8

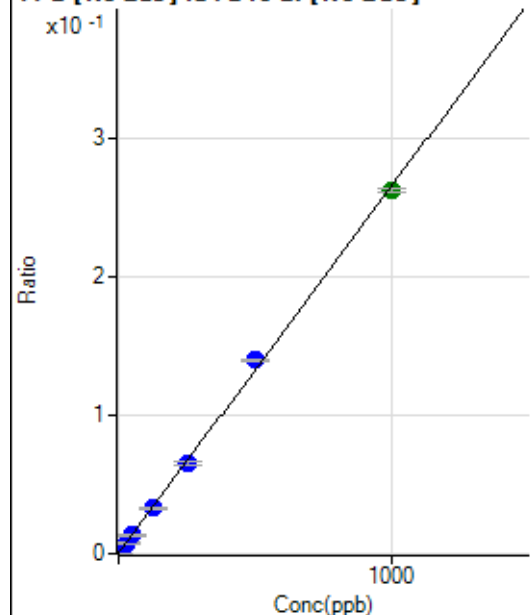
$$y = 5.7487\text{E-}005 * x + 6.0791\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.07418$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1997.08	0.0003	P	7.4
2	☐	25.000	26.593	45028.49	0.0073	P	10.6
3	☐	50.000	49.869	87726.91	0.0135	P	5.2
4	☐	125.000	123.050	216524.79	0.0328	P	4.4
5	☐	250.000	247.291	429540.82	0.0657	P	4.4
6	☐	500.000	526.722	851375.95	0.1396	P	0.6
7	☐	1000.000	987.527	1634024.25	0.2615	A	1.0
8	☐			141466.44	0.0238	P	7.1

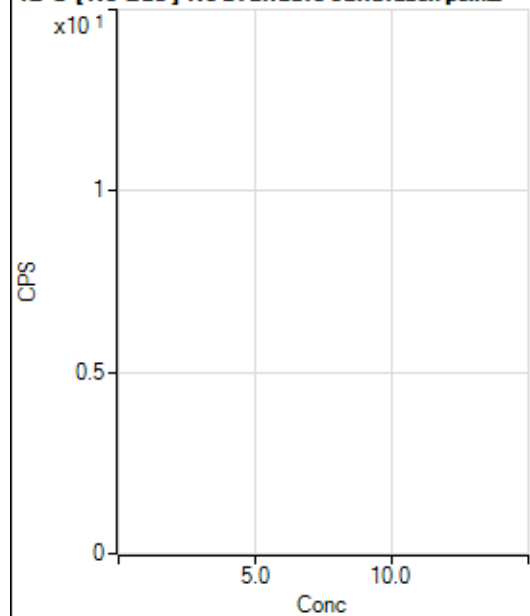
$$y = 2.6445E-004 * x + 3.0794E-004$$

$$R = 0.9995$$

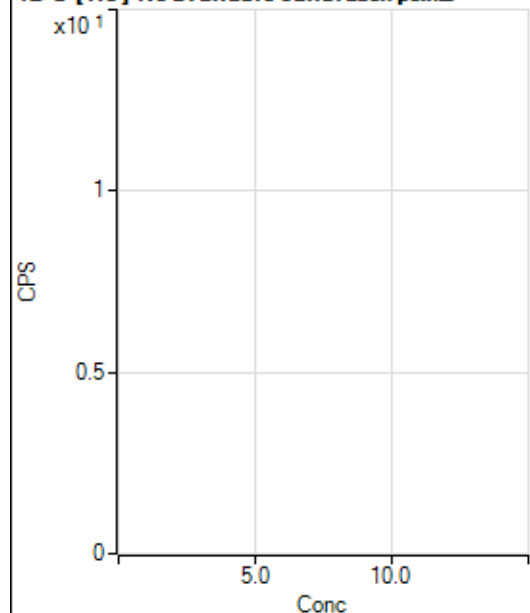
$$DL = 0.2571$$

Weight: <None>

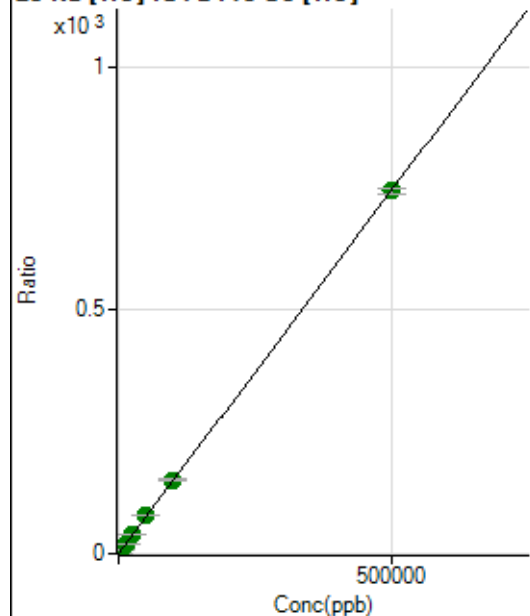
Min Conc: 0

12 C [No Gas] No available calibration points

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			6719307.35		A	1.2
2	☐			6371984.52		A	0.5
3	☐			7879293.41		A	3.0
4	☐			8229690.98		A	4.1
5	☐			8191378.48		A	1.5
6	☐			8758939.69		A	3.1
7	☐			10094897.36		A	3.0
8	☐			7974534.99		A	1.6

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			63222.37		P	0.3
2	☐			60238.00		P	1.3
3	☐			78839.56		P	1.3
4	☐			79934.50		P	2.6
5	☐			81070.72		P	1.8
6	☐			90782.60		P	1.8
7	☐			105670.73		P	0.3
8	☐			93298.52		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	23010.22	0.0667	P	3.2
2	☐	500.000	492.516	276085.72	0.8012	P	2.4
3	☐	5000.000	5330.822	2672903.42	8.0166	A	0.7
4	☐	12500.000	13074.864	6408238.38	19.5655	A	1.2
5	☐	25000.000	26056.165	12460972.41	38.9247	A	0.3
6	☐	50000.000	52302.302	25527453.00	78.0660	A	0.8
7	☐	100000.00	101511.37	51274977.88	151.4523	A	3.2
8	☐	500000.00	499397.01	261147847.5	744.8261	A	1.5

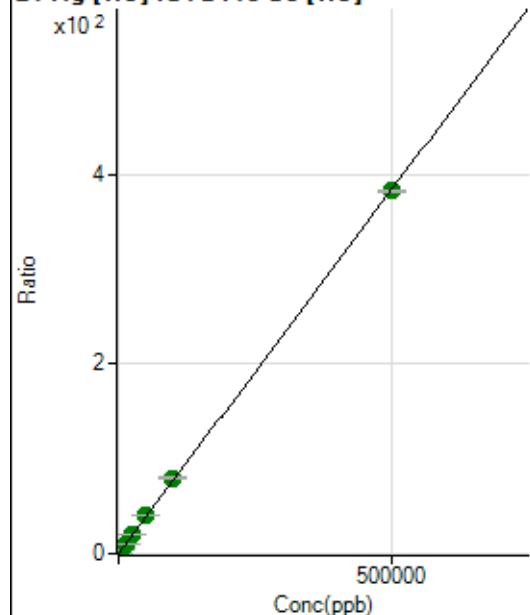
$$y = 0.0015 * x + 0.0667$$

$$R = 1.0000$$

$$DL = 4.307$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	766.71	0.0022	P	15.4
2	☐	500.000	493.057	131137.95	0.3806	P	2.9
3	☐	5000.000	5538.220	1417657.38	4.2518	A	1.0
4	☐	12500.000	13817.835	3473517.31	10.6049	A	0.3
5	☐	25000.000	26695.664	6557541.77	20.4864	A	2.3
6	☐	50000.000	53505.877	13426055.07	41.0584	A	0.5
7	☐	100000.00	104113.77	27049634.28	79.8909	A	2.1
8	☐	500000.00	498703.55	134181198.8	382.6680	A	0.3

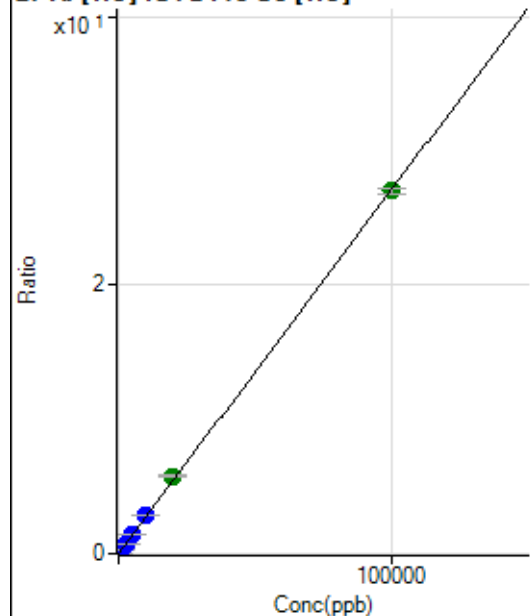
$$y = 7.6732E-004 * x + 0.0022$$

$$R = 1.0000$$

$$DL = 1.342$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.06	0.0005	P	10.7
2	☐	20.000	20.419	2084.90	0.0061	P	2.2
3	☐	1000.000	1092.389	98931.00	0.2967	P	0.6
4	☐	2500.000	2663.261	236683.10	0.7227	P	1.3
5	☐	5000.000	5261.056	456844.97	1.4271	P	0.4
6	☐	10000.000	10426.353	924659.15	2.8277	P	0.4
7	☐	20000.000	21230.688	1949242.89	5.7574	A	2.0
8	☐	100000.00	99693.169	9478756.21	27.0330	A	1.9

$$y = 2.7116E-004 * x + 5.1331E-004$$

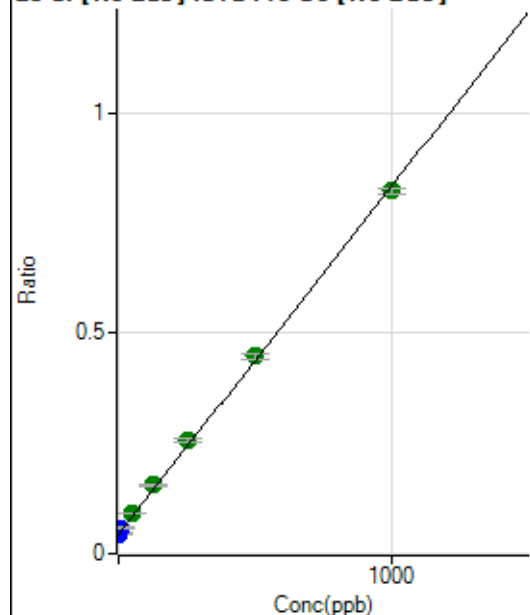
$$R = 0.9999$$

$$DL = 0.6092$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	463785.14	0.0446	P	6.7
2	☐	10.000	18.139	585857.87	0.0589	P	7.8
3	☐	50.000	58.709	986095.65	0.0909	A	2.2
4	☐	125.000	140.637	1651688.85	0.1556	A	2.4
5	☐	250.000	268.775	2672681.48	0.2568	A	4.1
6	☐	500.000	512.252	4667765.86	0.4491	A	2.7
7	☐	1000.000	986.709	8826714.69	0.8238	A	1.8
8	☐			933350.80	0.0865	P	1.4

$$y = 7.8977E-004 * x + 0.0446$$

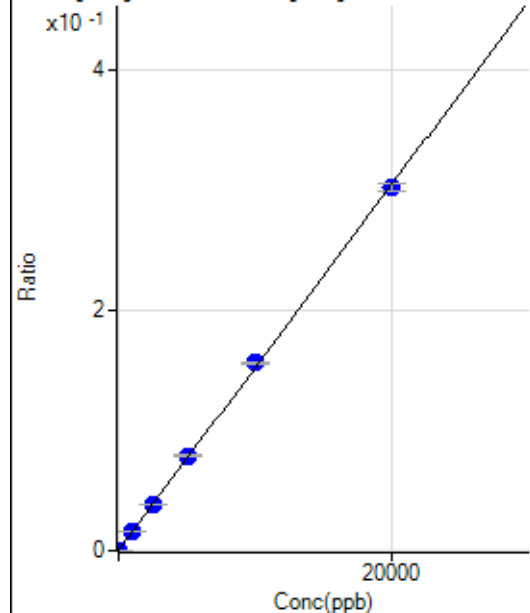
$$R = 0.9997$$

$$DL = 11.33$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-0.256	113.89	0.0003	P	19.1
2	☐	0.000	0.256	116.67	0.0003	P	32.2
3	☐	1000.000	1058.767	5470.61	0.0164	P	2.1
4	☐	2500.000	2490.498	12491.82	0.0381	P	2.4
5	☐	5000.000	5173.371	25250.26	0.0789	P	1.0
6	☐	10000.000	10251.718	51004.21	0.1560	P	0.7
7	☐	20000.000	19829.047	102036.86	0.3014	P	2.1
8	☐			186.12	0.0005	P	5.6

$$y = 1.5182E-005 * x + 3.3421E-004$$

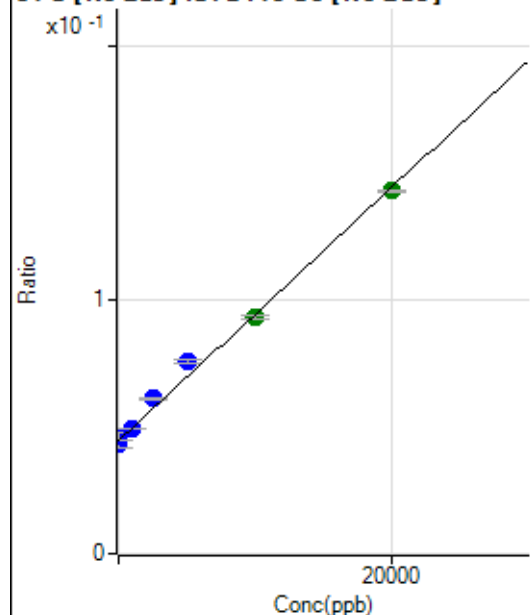
$$R = 0.9998$$

$$DL = 16.99$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-273.293	449454.65	0.0432	P	7.0
2	☐	0.000	273.293	457075.86	0.0459	P	6.5
3	☐	1000.000	960.619	535132.20	0.0493	P	0.8
4	☐	2500.000	3300.713	647720.25	0.0610	P	0.9
5	☐	5000.000	6312.836	791873.86	0.0761	P	1.8
6	☐	10000.000	9707.146	966569.13	0.0930	A	1.5
7	☐	20000.000	19720.098	1532516.01	0.1430	A	0.9
8	☐			389900.64	0.0361	P	1.6

$$y = 4.9931E-006 * x + 0.0445$$

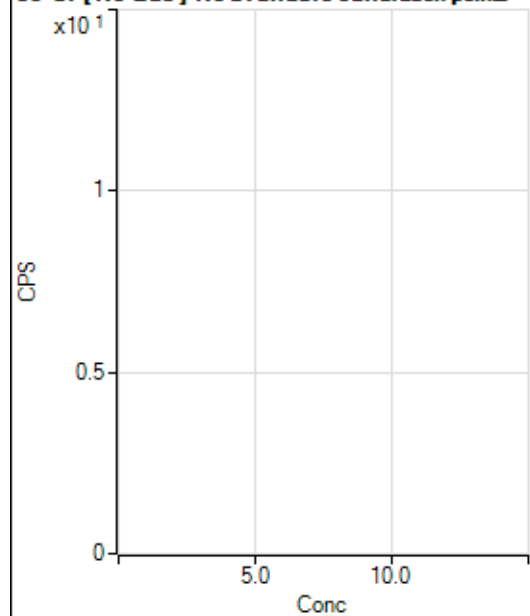
$$R = 0.9965$$

$$DL = 1807$$

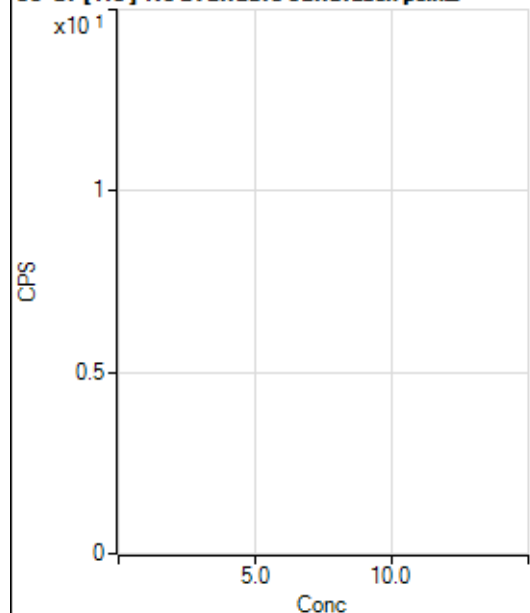
Weight: <None>

Min Conc: 0

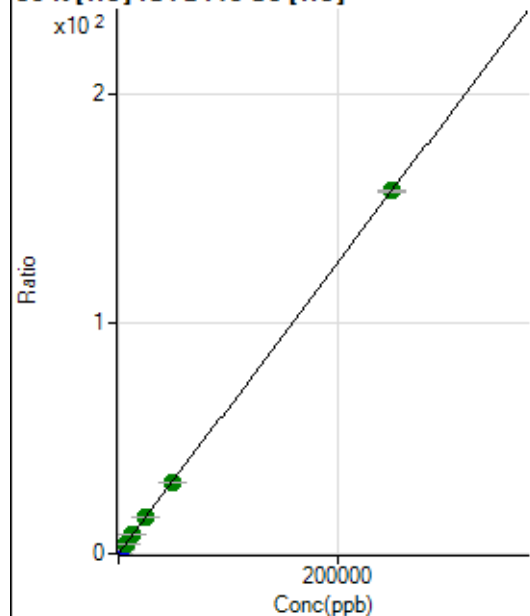
35 Cl [No Gas] No available calibration points



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			710255.47		P	0.2
2	☐			628707.36		P	0.8
3	☐			647783.38		P	0.3
4	☐			625591.92		P	1.3
5	☐			590365.10		P	0.1
6	☐			576760.87		P	0.4
7	☐			585490.54		P	0.9
8	☐			580257.75		P	0.6

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5256.68		P	4.5
2	☐			4945.42		P	3.8
3	☐			4614.73		P	1.6
4	☐			4461.91		P	5.8
5	☐			4161.81		P	2.9
6	☐			4039.56		P	2.0
7	☐			4295.21		P	2.9
8	☐			4489.72		P	7.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20515.06	0.0594	P	2.5
2	☐	500.000	461.763	120848.37	0.3507	P	1.0
3	☐	2500.000	2535.273	552954.55	1.6585	P	1.4
4	☐	6250.000	6431.088	1348041.12	4.1157	A	0.3
5	☐	12500.000	12656.603	2574458.33	8.0422	A	0.9
6	☐	25000.000	24829.615	5140449.68	15.7200	A	0.4
7	☐	50000.000	49099.279	10505247.20	31.0275	A	1.4
8	☐	250000.00	250184.54	55350555.40	157.8565	A	0.8

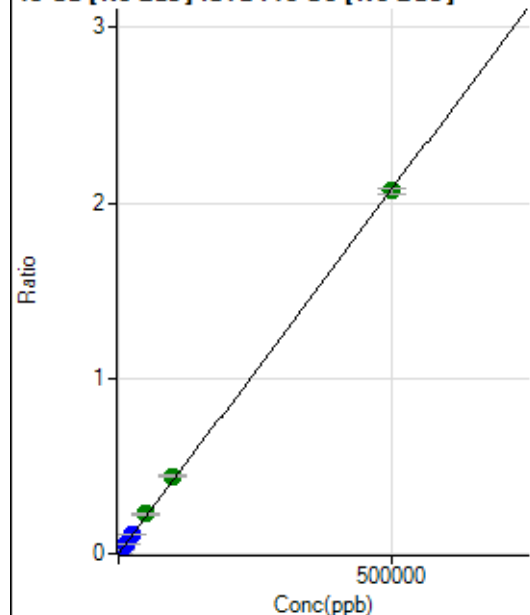
$$y = 6.3072\text{E-}004 * x + 0.0594$$

$$R = 1.0000$$

$$DL = 7.183$$

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	483.28	0.0000	P	6.3
2	☐	500.000	505.767	21366.07	0.0021	P	6.0
3	☐	5000.000	5111.456	230591.67	0.0213	P	0.6
4	☐	12500.000	13043.663	575109.47	0.0542	P	0.1
5	☐	25000.000	26282.414	1136011.01	0.1091	P	2.4
6	☐	50000.000	54747.822	2361216.16	0.2273	A	3.5
7	☐	100000.00	106224.65	4724122.31	0.4410	A	1.7
8	☐	500000.00	498201.45	22315791.19	2.0679	A	1.5

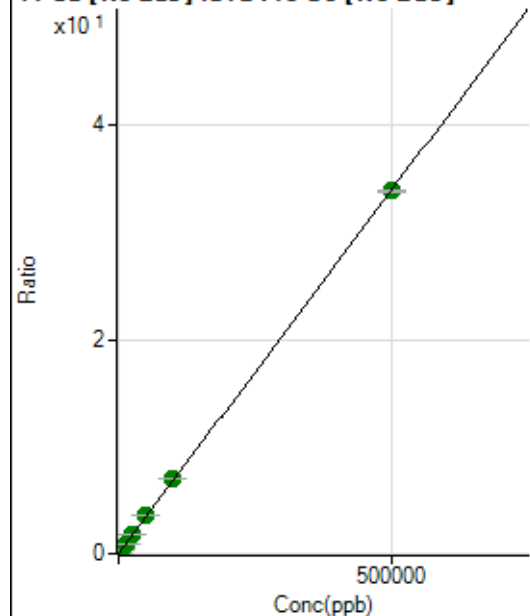
$$y = 4.1507\text{E-}006 * x + 4.6368\text{E-}005$$

$$R = 0.9999$$

$$DL = 2.124$$

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	41656.96	0.0040	P	6.3
2	☐	500.000	510.526	384506.71	0.0386	P	6.5
3	☐	5000.000	5149.567	3830671.75	0.3532	A	0.8
4	☐	12500.000	12883.193	9315274.56	0.8777	A	1.0
5	☐	25000.000	25822.807	18268552.92	1.7551	A	2.8
6	☐	50000.000	52483.191	37021109.51	3.5631	A	2.1
7	☐	100000.00	103218.46	75034928.26	7.0036	A	1.5
8	☐	500000.00	499055.76	365272781.4	33.8468	A	0.8

$$y = 6.7814\text{E-}005 * x + 0.0040$$

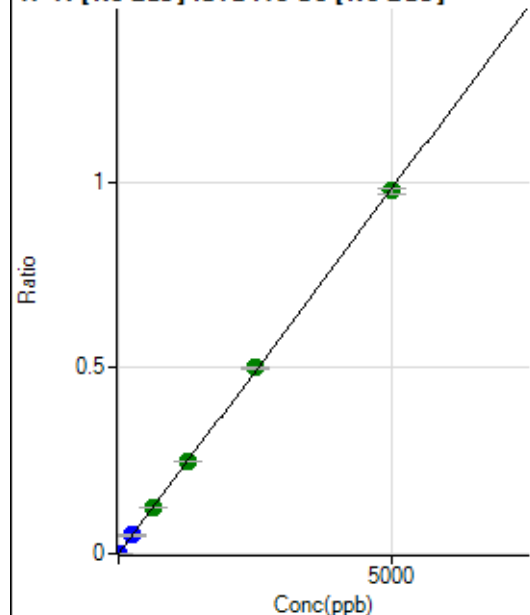
$$R = 1.0000$$

$$DL = 11.11$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	261.12	0.0000	P	12.6
2	☐	5.000	5.847	11688.39	0.0012	P	2.0
3	☐	250.000	250.627	533398.51	0.0492	P	0.6
4	☐	625.000	626.283	1303974.12	0.1229	A	1.9
5	☐	1250.000	1262.752	2579330.27	0.2477	A	1.3
6	☐	2500.000	2546.059	5189736.66	0.4994	A	0.6
7	☐	5000.000	4973.590	10451813.08	0.9756	A	1.7
8	☐			2083.54	0.0002	P	7.7

$$y = 1.9615E-004 * x + 2.4891E-005$$

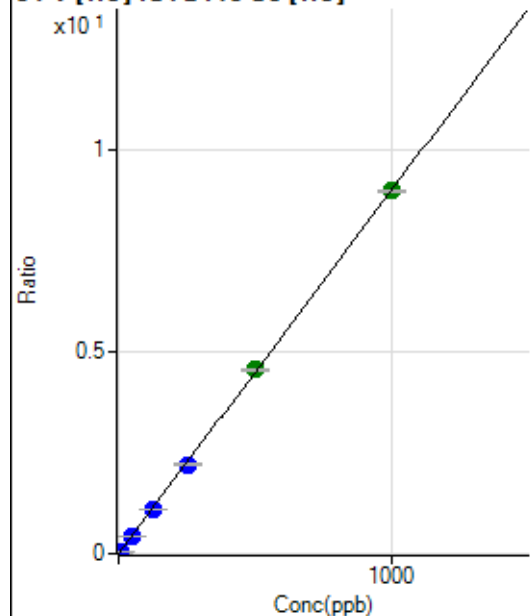
$$R = 0.9999$$

$$DL = 0.04778$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.55	0.0001	P	61.5
2	☐	5.000	4.688	14588.64	0.0423	P	3.0
3	☐	50.000	49.459	148679.04	0.4459	P	0.6
4	☐	125.000	121.904	359935.43	1.0990	P	0.8
5	☐	250.000	245.527	708521.36	2.2133	P	1.0
6	☐	500.000	506.223	1492222.09	4.5633	A	1.4
7	☐	1000.000	998.422	3047610.93	9.0002	A	0.4
8	☐			436.68	0.0012	P	10.0

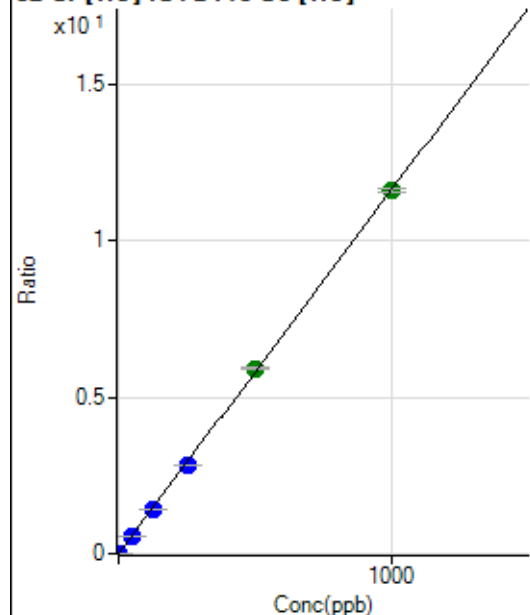
$$y = 0.0090 * x + 7.3963E-005$$

$$R = 1.0000$$

$$DL = 0.01514$$

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	1212.29	0.0035	P	5.1
2	☐	2.000	1.903	8821.68	0.0256	P	2.1
3	☐	50.000	49.227	191678.79	0.5749	P	0.8
4	☐	125.000	121.739	463942.31	1.4166	P	1.4
5	☐	250.000	243.169	904670.98	2.8261	P	1.2
6	☐	500.000	509.264	1934124.48	5.9147	A	0.5
7	☐	1000.000	997.522	3921613.17	11.5821	A	0.9
8	☐			8346.95	0.0238	P	3.1

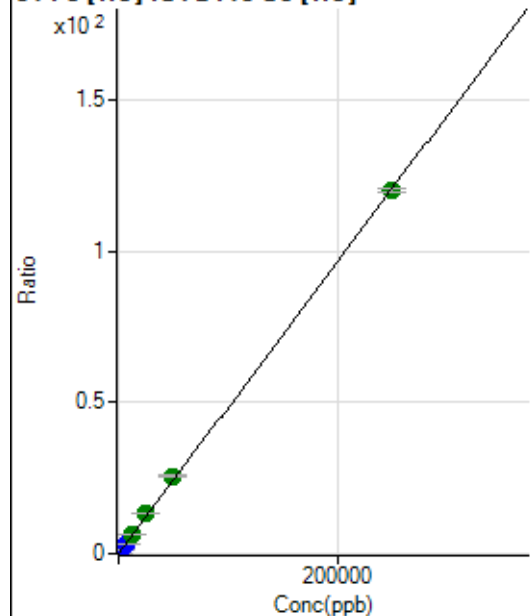
$$y = 0.0116 * x + 0.0035$$

$$R = 0.9999$$

$$DL = 0.04615$$

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	800.04	0.0023	P	6.4
2	☐	50.000	52.886	9590.38	0.0278	P	1.6
3	☐	2500.000	2660.372	428664.21	1.2856	P	0.7
4	☐	6250.000	6591.274	1042086.96	3.1819	P	1.9
5	☐	12500.000	13814.561	2134054.48	6.6663	A	0.2
6	☐	25000.000	27342.918	4313812.77	13.1921	A	1.0
7	☐	50000.000	53298.805	8706062.92	25.7129	A	1.5
8	☐	250000.00	249030.08	42121030.57	120.1308	A	1.0

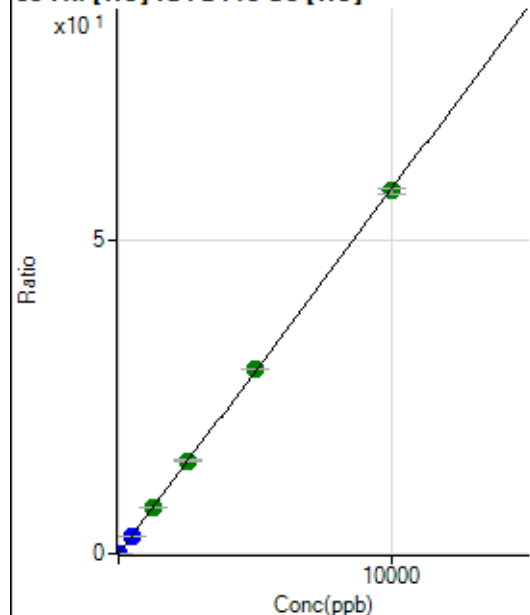
$$y = 4.8239E-004 * x + 0.0023$$

$$R = 0.9999$$

$$DL = 0.9216$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	157.78	0.0005	P	12.7
2	☐	1.000	0.990	2144.63	0.0062	P	5.6
3	☐	500.000	495.491	962686.22	2.8874	P	0.8
4	☐	1250.000	1272.732	2429254.04	7.4158	A	1.3
5	☐	2500.000	2553.656	4763178.40	14.8789	A	0.9
6	☐	5000.000	5068.163	9656096.04	29.5293	A	0.3
7	☐	10000.000	9949.888	19628336.09	57.9719	A	1.3
8	☐			19435.55	0.0554	P	0.6

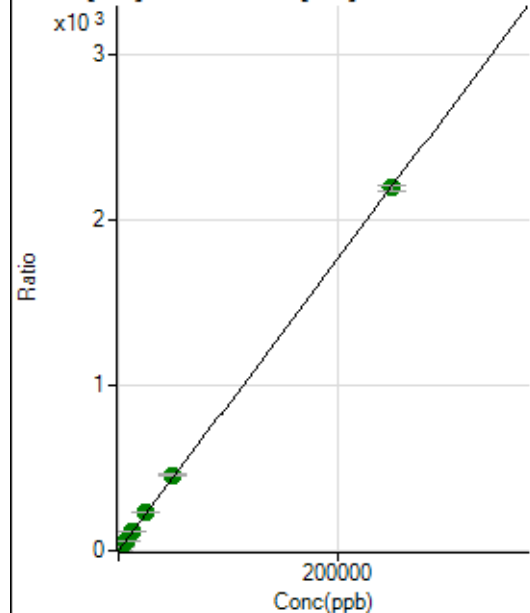
$$y = 0.0058 * x + 4.5746E-004$$

$$R = 0.9999$$

$$DL = 0.02989$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6651.67	0.0193	P	1.1
2	☐	50.000	49.790	157601.13	0.4573	P	0.4
3	☐	2500.000	2675.945	7855926.51	23.5621	A	0.5
4	☐	6250.000	6658.620	19195046.96	58.6015	A	1.0
5	☐	12500.000	13481.852	37976156.40	118.6319	A	1.6
6	☐	25000.000	26676.259	76751697.09	234.7156	A	1.0
7	☐	50000.000	51906.870	154629033.0	456.6932	A	1.3
8	☐	250000.00	249389.93	769267780.1	2,194.138	A	1.9

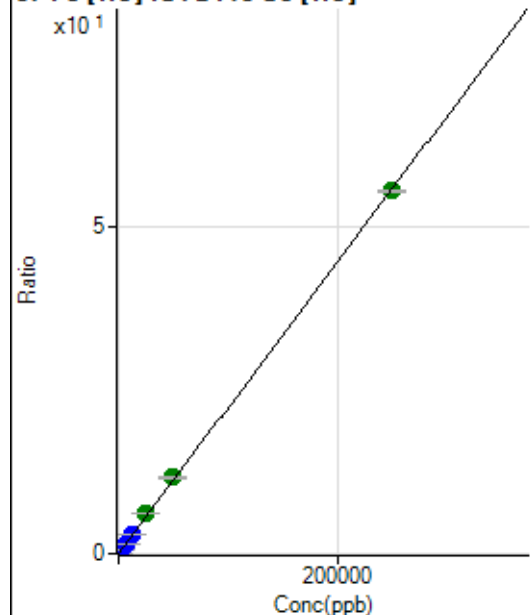
$$y = 0.0088 * x + 0.0193$$

$$R = 1.0000$$

$$DL = 0.07116$$

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	137.04	0.0004	P	20.0
2	☐	50.000	52.485	4154.38	0.0121	P	4.6
3	☐	2500.000	2611.533	193572.38	0.5806	P	1.5
4	☐	6250.000	6412.241	466720.60	1.4250	P	0.6
5	☐	12500.000	12889.684	916805.15	2.8640	P	1.3
6	☐	25000.000	27404.120	1990961.60	6.0886	A	1.5
7	☐	50000.000	52494.043	3948263.34	11.6627	A	2.8
8	☐	250000.00	249236.12	19415565.48	55.3718	A	0.6

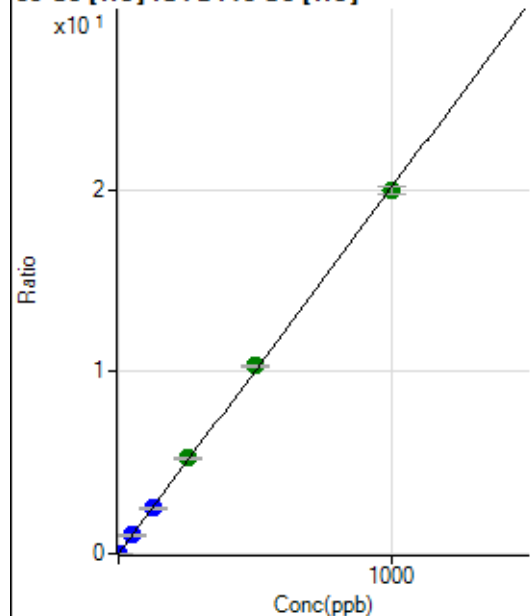
$$y = 2.2216\text{E-}004 * x + 3.9691\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.071$$

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	90.00	0.0003	P	26.5
2	☐	1.000	0.951	6686.08	0.0194	P	3.3
3	☐	50.000	50.008	335867.07	1.0073	P	1.1
4	☐	125.000	123.733	816134.72	2.4920	P	1.8
5	☐	250.000	260.692	1680651.22	5.2501	A	1.1
6	☐	500.000	513.778	3383379.32	10.3468	A	0.8
7	☐	1000.000	990.596	6753890.87	19.9489	A	2.0
8	☐			15594.21	0.0445	P	1.8

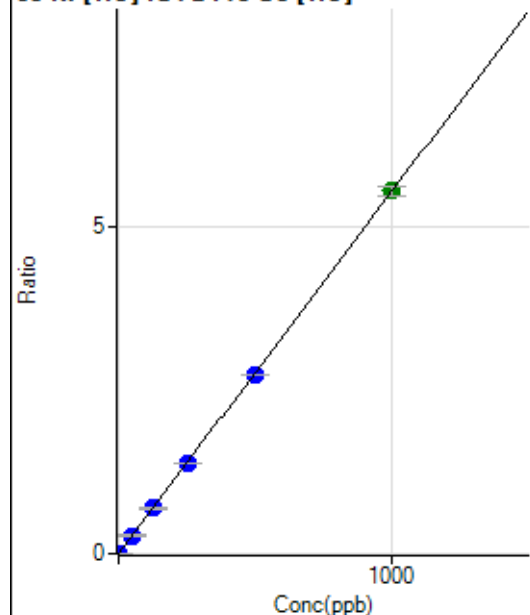
$$y = 0.0201 * x + 2.6108\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.0103$$

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	50.00	0.0001	P	17.1
2	☐	1.000	1.048	2047.95	0.0059	P	2.4
3	☐	50.000	50.258	92724.28	0.2781	P	1.2
4	☐	125.000	124.992	226438.36	0.6914	P	1.8
5	☐	250.000	250.132	442862.64	1.3835	P	1.9
6	☐	500.000	493.795	893072.19	2.7311	P	0.5
7	☐	1000.000	1003.058	1878155.89	5.5476	A	2.5
8	☐			4730.83	0.0135	P	3.2

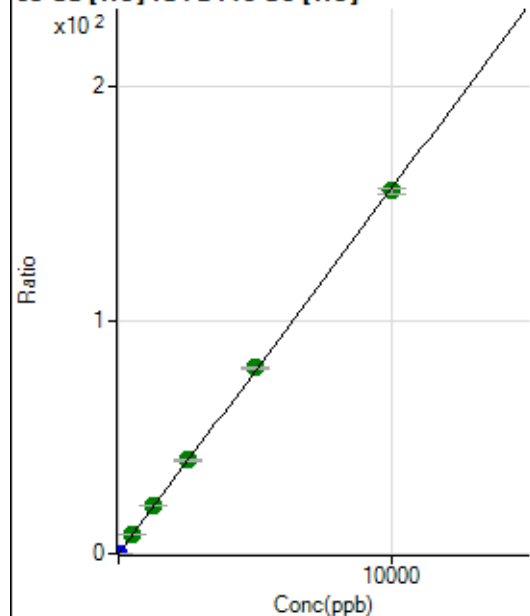
$$y = 0.0055 * x + 1.4477E-004$$

$$R = 1.0000$$

$$DL = 0.01342$$

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	1015.60	0.0029	P	3.9
2	☐	2.000	1.791	10660.74	0.0309	P	3.9
3	☐	500.000	538.986	2810573.95	8.4297	A	1.1
4	☐	1250.000	1304.294	6679418.79	20.3948	A	2.0
5	☐	2500.000	2561.577	12821196.75	40.0516	A	1.3
6	☐	5000.000	5085.151	25998737.67	79.5061	A	0.9
7	☐	10000.000	9933.294	52581907.55	155.3038	A	1.7
8	☐			12706.89	0.0362	P	4.1

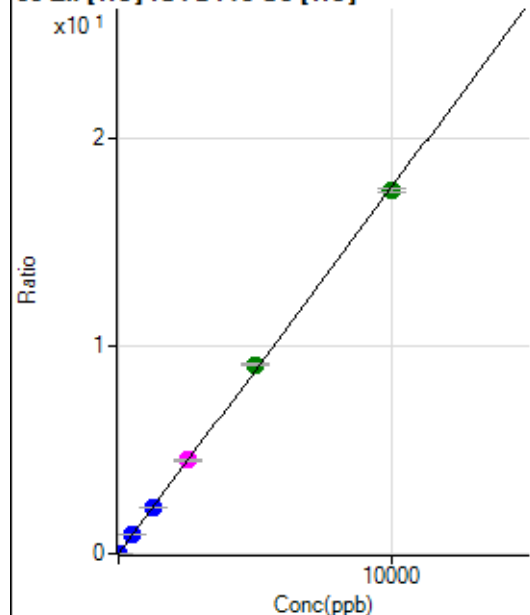
$$y = 0.0156 * x + 0.0029$$

$$R = 0.9999$$

$$DL = 0.02181$$

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	667.80	0.0019	P	4.0
2	☐	2.000	2.592	2245.76	0.0065	P	2.7
3	☐	500.000	512.069	302384.39	0.9069	P	1.4
4	☐	1250.000	1269.273	735342.59	2.2452	P	1.1
5	☐	2500.000	2560.257	1449327.17	4.5268	M	2.3
6	☐	5000.000	5157.662	2981421.45	9.1174	A	1.1
7	☐	10000.000	9903.092	5926724.15	17.5042	A	1.1
8	☐			9296.46	0.0265	P	3.1

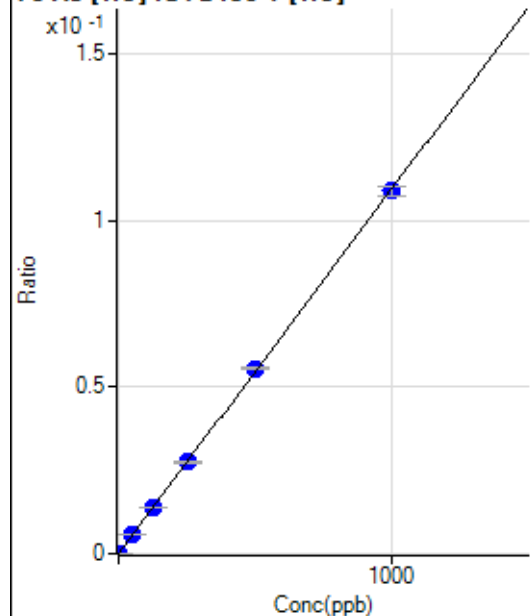
$$y = 0.0018 * x + 0.0019$$

$$R = 0.9998$$

$$DL = 0.1328$$

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	20.67	0.0000	P	16.2
2	☐	1.000	0.954	350.71	0.0001	P	5.3
3	☐	50.000	52.271	17462.85	0.0057	P	1.4
4	☐	125.000	126.704	42279.41	0.0139	P	1.4
5	☐	250.000	251.447	83590.75	0.0275	P	0.7
6	☐	500.000	507.028	171022.92	0.0554	P	1.2
7	☐	1000.000	995.798	342550.17	0.1088	P	2.5
8	☐			134.01	0.0000	P	8.7

$$y = 1.0927E-004 * x + 6.4393E-006$$

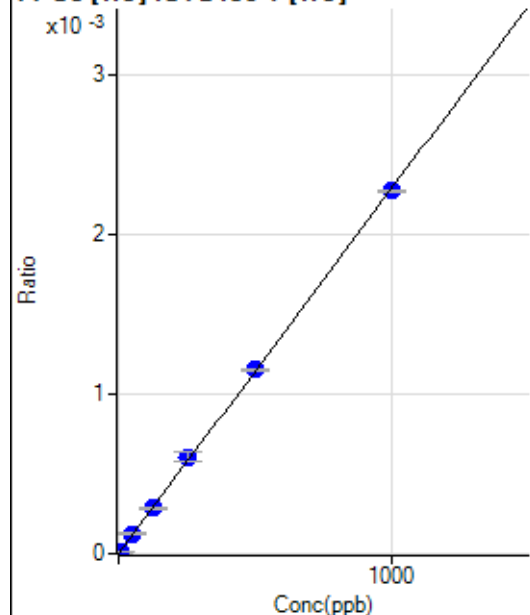
$$R = 1.0000$$

$$DL = 0.02863$$

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	5.975	44.44	0.0000	P	2.8
3	☐	50.000	54.812	383.34	0.0001	P	10.3
4	☐	125.000	123.801	865.59	0.0003	P	8.1
5	☐	250.000	264.897	1842.36	0.0006	P	10.4
6	☐	500.000	504.614	3561.60	0.0012	P	1.2
7	☐	1000.000	993.873	7154.10	0.0023	P	0.6
8	☐			8.89	0.0000	P	57.6

$$y = 2.2856\text{E-}006 * x + 3.5141\text{E-}007$$

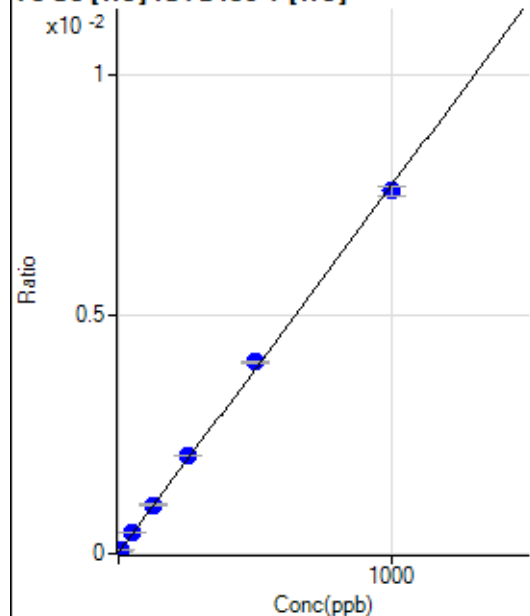
$$R = 0.9999$$

$$DL = 0.7989$$

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	74.34	0.0000	P	6.9
2	☐	5.000	5.040	196.02	0.0001	P	3.1
3	☐	50.000	54.188	1340.53	0.0004	P	4.5
4	☐	125.000	130.261	3121.67	0.0010	P	1.3
5	☐	250.000	264.538	6244.02	0.0021	P	0.4
6	☐	500.000	519.504	12374.01	0.0040	P	1.5
7	☐	1000.000	985.746	23879.86	0.0076	P	3.0
8	☐			86.01	0.0000	P	1.9

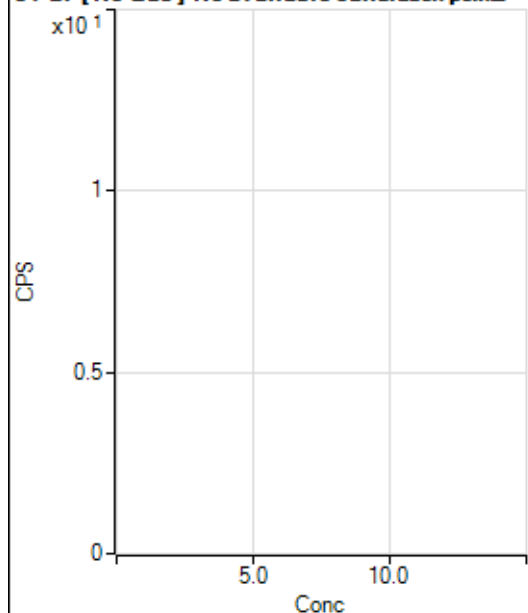
$$y = 7.6725\text{E-}006 * x + 2.3147\text{E-}005$$

$$R = 0.9996$$

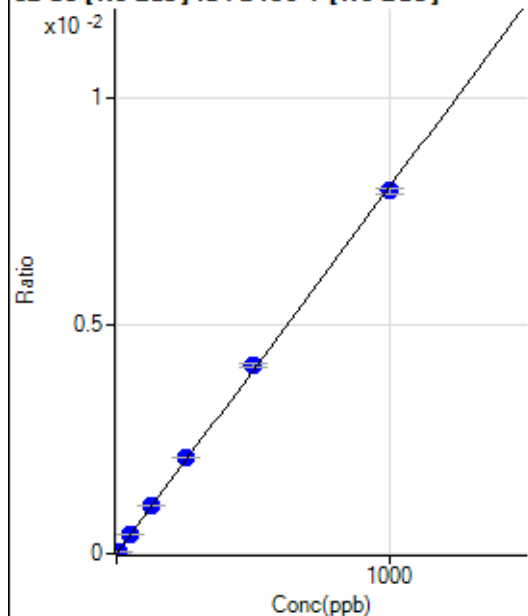
$$DL = 0.6248$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21802.74		P	2.4
2	☐			21468.45		P	2.1
3	☐			21745.98		P	1.8
4	☐			20409.16		P	3.5
5	☐			19660.76		P	3.9
6	☐			21204.58		P	3.7
7	☐			21378.47		P	2.0
8	☐			23777.95		P	0.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.99	0.0000	P	870.
2	☐	5.000	5.480	1111.90	0.0000	P	7.2
3	☐	50.000	52.920	11497.88	0.0004	P	1.0
4	☐	125.000	132.187	28170.60	0.0011	P	1.1
5	☐	250.000	261.116	55421.65	0.0021	P	0.9
6	☐	500.000	513.287	110899.17	0.0041	P	2.2
7	☐	1000.000	989.531	218086.95	0.0080	P	1.5
8	☐			203.12	0.0000	P	29.1

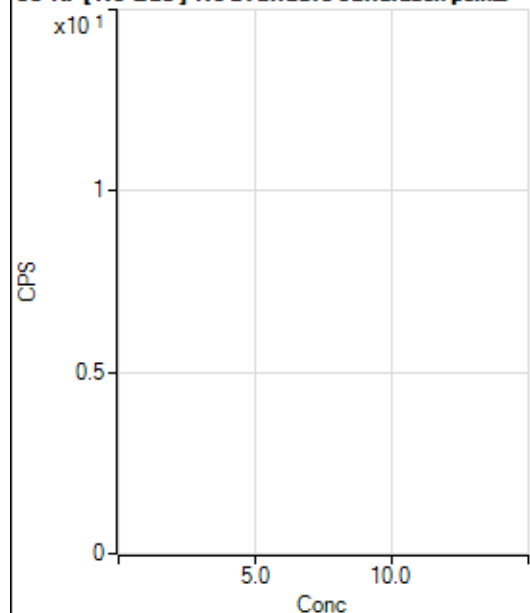
$$y = 8.0433E-006 * x + 3.0074E-007$$

$$R = 0.9998$$

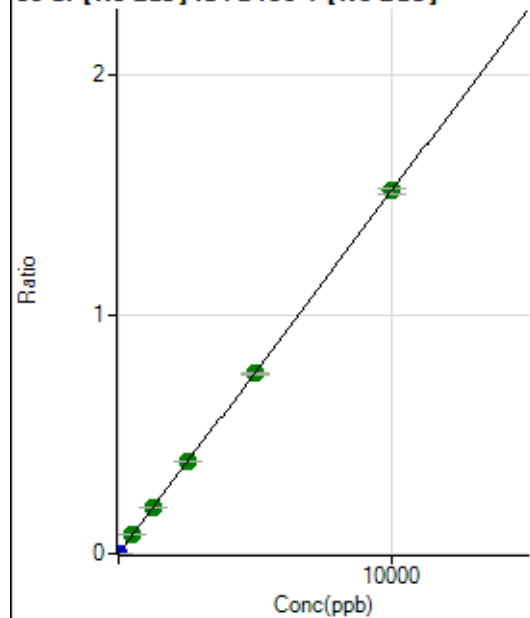
$$DL = 0.9769$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			953.38		P	8.9
2	☐			985.60		P	6.9
3	☐			927.82		P	7.1
4	☐			961.16		P	5.3
5	☐			967.82		P	6.1
6	☐			895.59		P	7.5
7	☐			1013.38		P	1.5
8	☐			1018.94		P	3.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1686.26	0.0001	P	4.6
2	☐	1.000	1.768	8327.69	0.0003	P	11.2
3	☐	500.000	514.474	2105866.71	0.0780	A	0.9
4	☐	1250.000	1285.463	5160642.17	0.1948	A	0.9
5	☐	2500.000	2546.684	10183342.50	0.3859	A	1.2
6	☐	5000.000	4960.889	20194750.10	0.7517	A	0.9
7	☐	10000.000	10002.728	41527566.55	1.5156	A	1.6
8	☐			20076.03	0.0007	P	4.6

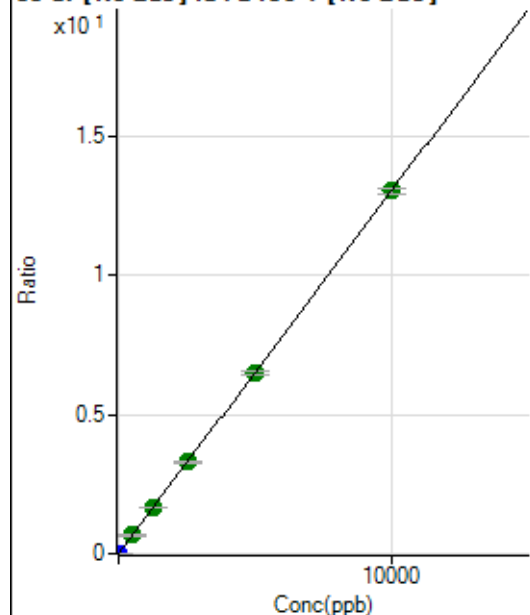
$$y = 1.5151E-004 * x + 6.5355E-005$$

$$R = 1.0000$$

$$DL = 0.05948$$

Weight: <None>

Min Conc: 0

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

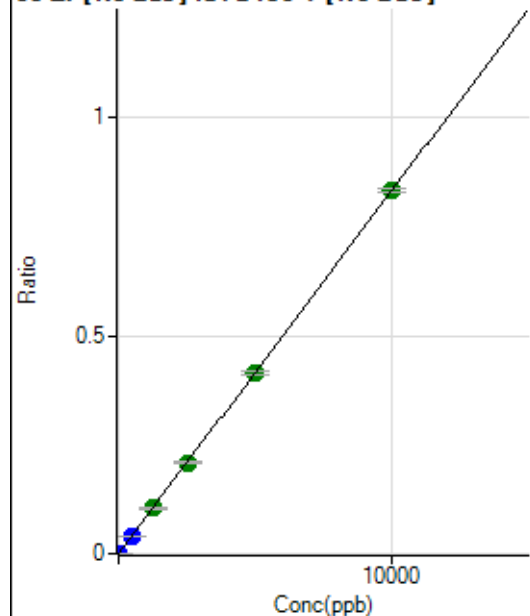
$$y = 0.0013 * x + 5.6833E-005$$

$$R = 1.0000$$

$$DL = 0.01963$$

Weight: <None>

Min Conc: 0

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

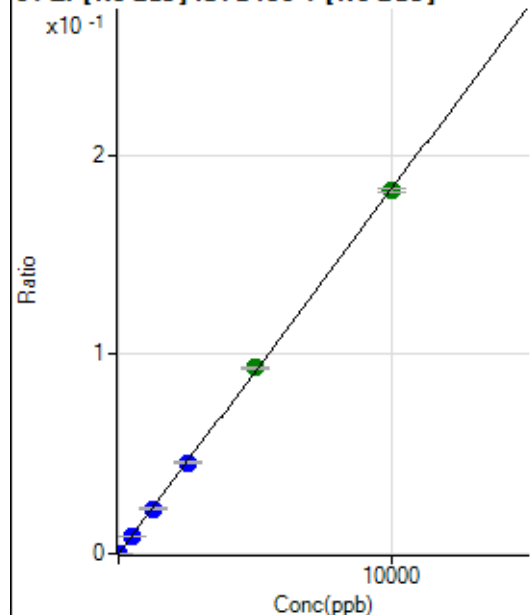
$$y = 8.3122E-005 * x + 4.9200E-005$$

$$R = 1.0000$$

$$DL = 0.09672$$

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	227.79	0.0000	P	26.4
2	☐	1.000	16.469	7766.26	0.0003	P	7.7
3	☐	500.000	483.693	239016.13	0.0089	P	1.2
4	☐	1250.000	1235.066	598544.52	0.0226	P	1.0
5	☐	2500.000	2499.492	1206336.75	0.0457	P	1.1
6	☐	5000.000	5103.137	2507787.97	0.0933	A	1.1
7	☐	10000.000	9951.239	4987325.94	0.1820	A	1.2
8	☐			1625.14	0.0001	P	8.7

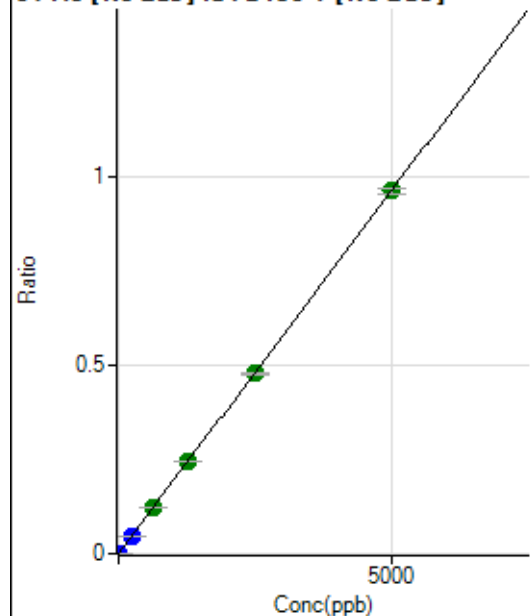
$$y = 1.8289E-005 * x + 8.8832E-006$$

$$R = 0.9999$$

$$DL = 0.3841$$

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	505.58	0.0000	P	4.1
2	☐	5.000	6.577	32212.94	0.0013	P	8.5
3	☐	250.000	247.401	1287113.97	0.0477	P	0.9
4	☐	625.000	641.785	3275852.16	0.1237	A	0.4
5	☐	1250.000	1273.221	6473125.19	0.2453	A	0.7
6	☐	2500.000	2486.102	12870639.78	0.4790	A	1.2
7	☐	5000.000	4999.174	26391333.23	0.9632	A	1.8
8	☐			8088.73	0.0003	P	7.5

$$y = 1.9266E-004 * x + 1.9591E-005$$

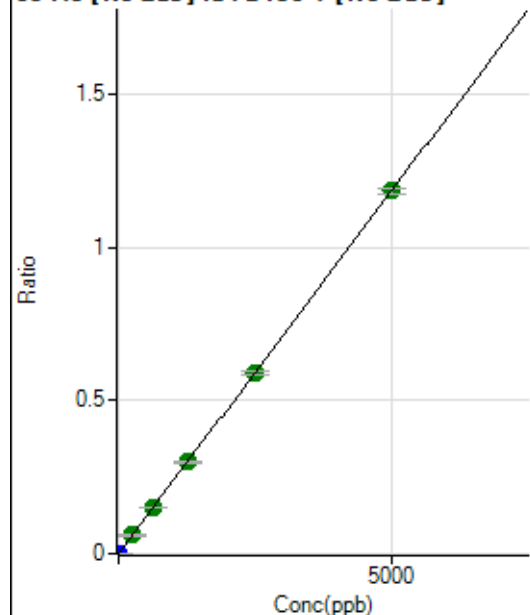
$$R = 1.0000$$

$$DL = 0.01251$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	191.67	0.0000	P	13.5
2	☐	5.000	5.910	35278.76	0.0014	P	7.9
3	☐	250.000	252.056	1613459.66	0.0598	A	1.6
4	☐	625.000	638.134	4007770.54	0.1513	A	2.5
5	☐	1250.000	1264.147	7909114.50	0.2998	A	1.4
6	☐	2500.000	2489.309	15860433.51	0.5903	A	1.6
7	☐	5000.000	5000.063	32486464.62	1.1856	A	1.5
8	☐			9156.07	0.0003	P	7.7

$$y = 2.3712E-004 * x + 7.3926E-006$$

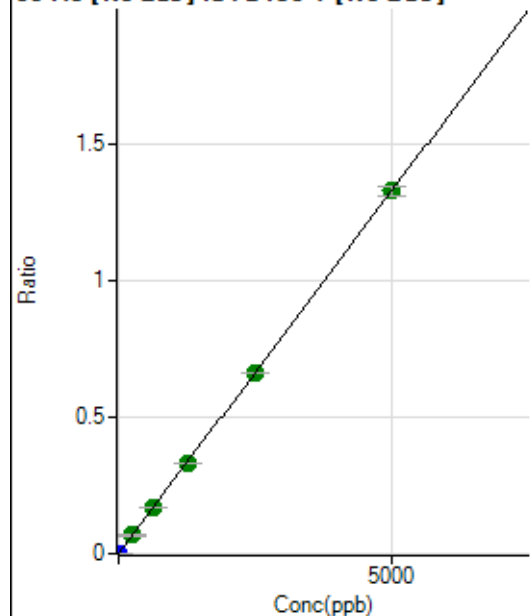
$$R = 1.0000$$

$$DL = 0.01259$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	302.79	0.0000	P	14.4
2	☐	5.000	5.916	39557.05	0.0016	P	10.8
3	☐	250.000	254.153	1821535.20	0.0675	A	2.6
4	☐	625.000	632.532	4447859.34	0.1679	A	2.6
5	☐	1250.000	1252.359	8773061.22	0.3325	A	0.9
6	☐	2500.000	2489.787	17761850.22	0.6610	A	0.3
7	☐	5000.000	5003.367	36394782.41	1.3283	A	2.6
8	☐			23935.20	0.0009	P	2.0

$$y = 2.6549E-004 * x + 1.1771E-005$$

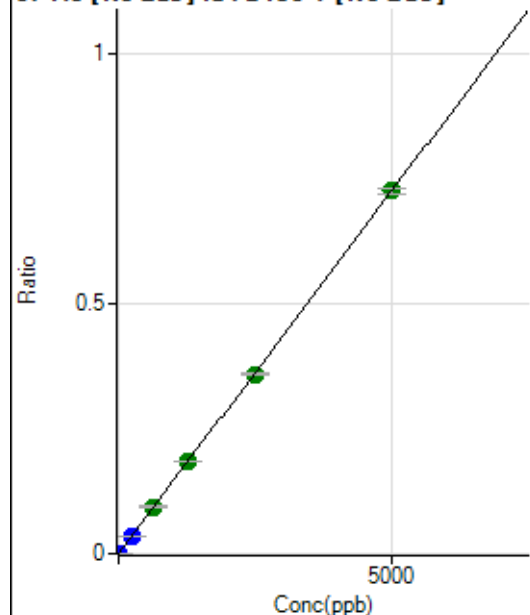
$$R = 1.0000$$

$$DL = 0.0192$$

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	125.01	0.0000	P	28.4
2	☐	5.000	6.016	21909.48	0.0009	P	9.3
3	☐	250.000	248.585	971308.63	0.0360	P	2.0
4	☐	625.000	647.805	2483424.79	0.0938	A	3.2
5	☐	1250.000	1268.161	4843359.96	0.1836	A	1.0
6	☐	2500.000	2473.283	9617543.01	0.3580	A	1.0
7	☐	5000.000	5006.037	19852822.67	0.7246	A	1.9
8	☐			5565.17	0.0002	P	10.1

$$y = 1.4474\text{E-}004 * x + 4.8819\text{E-}006$$

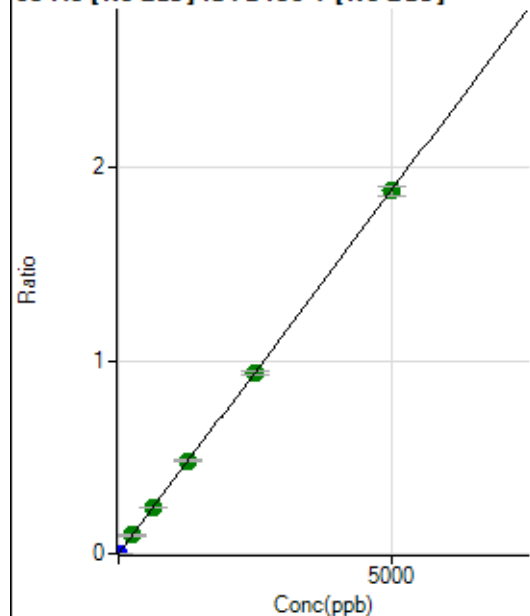
$$R = 1.0000$$

$$DL = 0.02872$$

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	252.79	0.0000	P	28.0
2	☐	5.000	5.908	55949.60	0.0022	P	10.0
3	☐	250.000	251.760	2561597.13	0.0949	A	0.5
4	☐	625.000	636.583	6354903.05	0.2399	A	2.3
5	☐	1250.000	1276.596	12695262.35	0.4812	A	1.4
6	☐	2500.000	2499.749	25309564.11	0.9422	A	2.1
7	☐	5000.000	4991.940	51550959.83	1.8815	A	2.4
8	☐			13137.13	0.0005	P	7.7

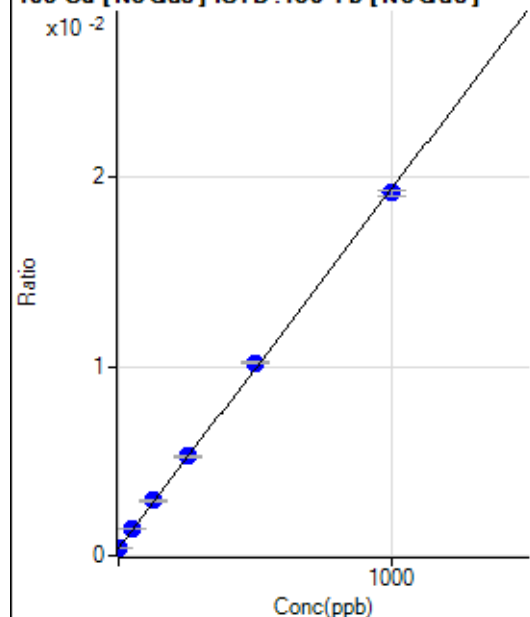
$$y = 3.7691\text{E-}004 * x + 9.7033\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.0216$$

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	5642.98	0.0004	P	1.4
2	☐	1.000	2.544	6020.97	0.0004	P	4.8
3	☐	50.000	54.509	21239.14	0.0014	P	4.2
4	☐	125.000	132.911	44355.51	0.0029	P	2.0
5	☐	250.000	255.870	81166.68	0.0053	P	1.4
6	☐	500.000	516.415	158278.07	0.0102	P	1.3
7	☐	1000.000	989.109	302524.42	0.0192	P	1.6
8	☐			6657.37	0.0004	P	4.2

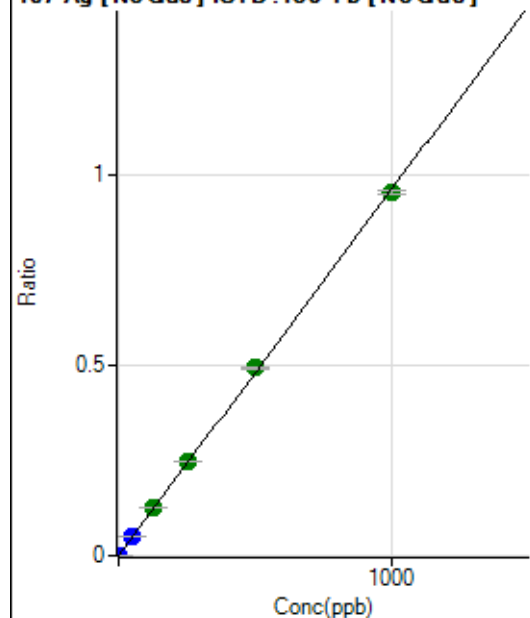
$$y = 1.8991\text{E-}005 * x + 3.9078\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.8691$$

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	113.89	0.0000	P	21.0
2	☐	1.000	1.090	14402.27	0.0011	P	6.3
3	☐	50.000	52.501	752700.88	0.0505	P	1.8
4	☐	125.000	131.532	1925897.57	0.1266	A	1.2
5	☐	250.000	257.323	3828439.50	0.2476	A	1.6
6	☐	500.000	512.963	7660281.08	0.4936	A	1.4
7	☐	1000.000	990.746	15041492.18	0.9533	A	1.0
8	☐			6459.17	0.0004	P	45.0

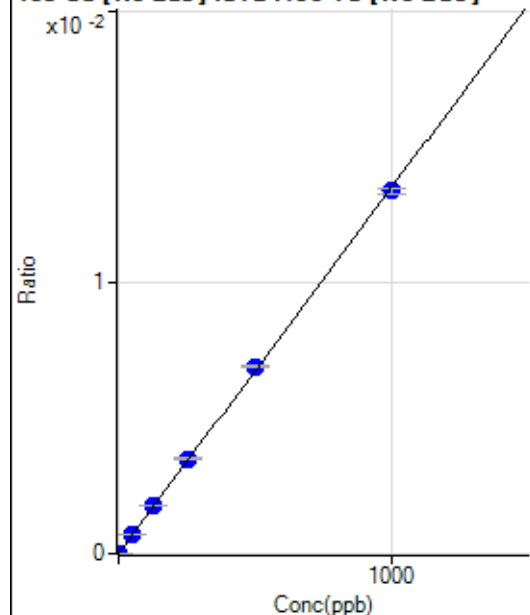
$$y = 9.6222\text{E-}004 * x + 7.9499\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.005196$$

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	68.05	0.0000	P	11.4
2	☐	1.000	1.304	305.56	0.0000	P	9.3
3	☐	50.000	53.365	10811.31	0.0007	P	1.6
4	☐	125.000	128.937	26571.53	0.0017	P	0.8
5	☐	250.000	258.059	53953.81	0.0035	P	2.6
6	☐	500.000	511.909	107376.73	0.0069	P	1.7
7	☐	1000.000	991.370	211345.97	0.0134	P	1.4
8	☐			138.89	0.0000	P	11.0

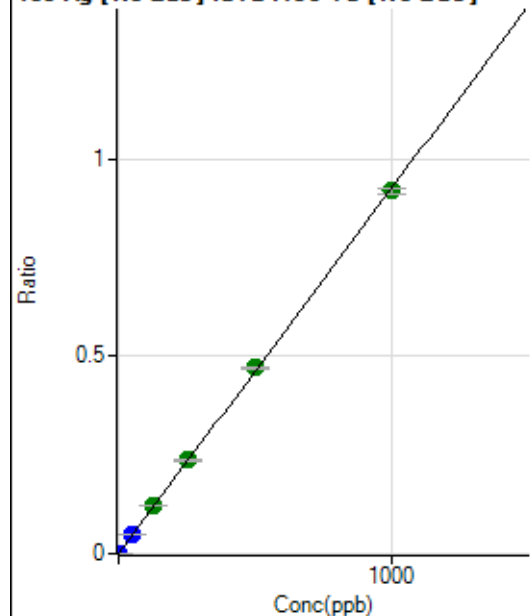
$$y = 1.3507\text{E-}005 * x + 4.7321\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.1193$$

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	72.22	0.0000	P	31.6
2	☐	1.000	1.069	13512.57	0.0010	P	10.4
3	☐	50.000	51.924	715113.11	0.0480	P	2.3
4	☐	125.000	131.404	1848484.72	0.1215	A	0.3
5	☐	250.000	256.252	3661753.21	0.2369	A	2.7
6	☐	500.000	508.454	7295429.41	0.4700	A	0.9
7	☐	1000.000	993.313	14487672.20	0.9183	A	1.4
8	☐			4545.33	0.0003	P	2.9

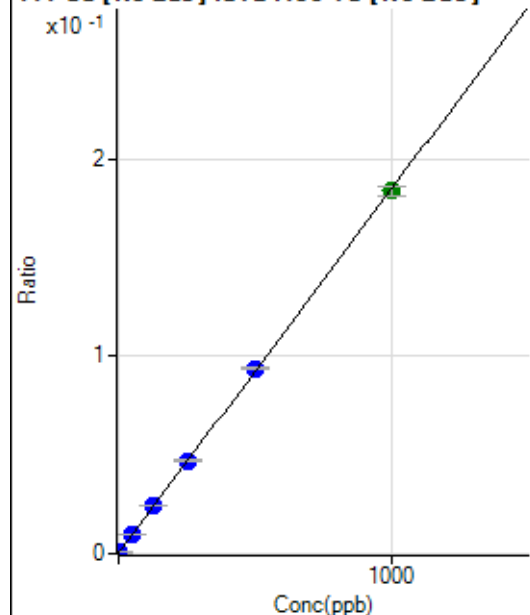
$$y = 9.2444\text{E-}004 * x + 4.9942\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.005128$$

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	3960.78	0.0003	P	1.5
2	☐	1.000	1.235	6863.62	0.0005	P	1.2
3	☐	50.000	52.449	148233.39	0.0100	P	3.1
4	☐	125.000	129.533	367842.65	0.0242	P	1.7
5	☐	250.000	254.342	729879.94	0.0472	P	0.4
6	☐	500.000	506.784	1455583.49	0.0938	P	1.3
7	☐	1000.000	994.833	2900182.71	0.1838	A	2.3
8	☐			5257.41	0.0003	P	3.9

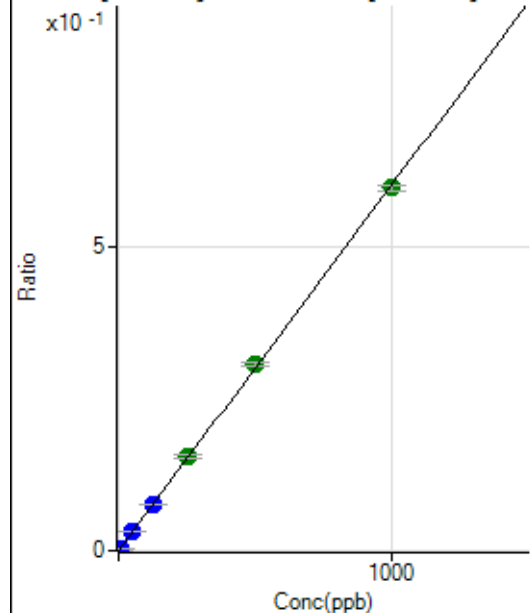
$$y = 1.8452E-004 * x + 2.7426E-004$$

$$R = 1.0000$$

$$DL = 0.06617$$

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	1152.86	0.0001	P	4.8
2	☐	5.000	6.079	50834.42	0.0037	P	8.2
3	☐	50.000	51.311	460518.04	0.0309	P	3.0
4	☐	125.000	125.022	1144387.72	0.0752	P	0.9
5	☐	250.000	257.159	2389931.70	0.1546	A	3.4
6	☐	500.000	510.699	4763457.10	0.3070	A	2.0
7	☐	1000.000	992.787	9413923.39	0.5967	A	1.8
8	☐			4628.72	0.0003	P	7.8

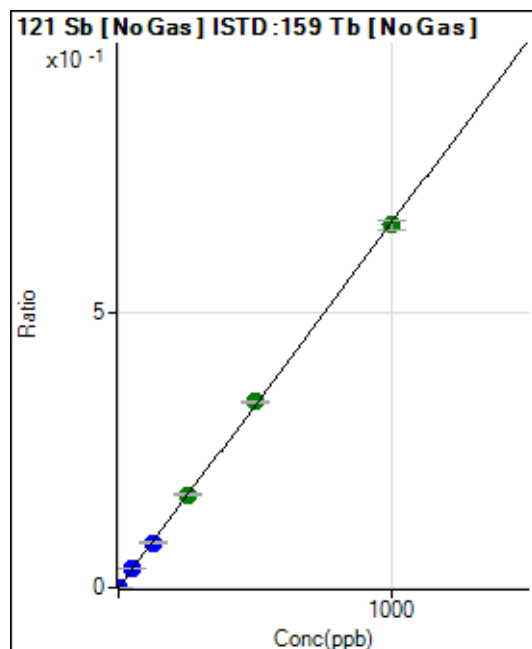
$$y = 6.0091E-004 * x + 7.9962E-005$$

$$R = 0.9999$$

$$DL = 0.019$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0000	P	19.0
2	☐	2.000	2.155	19578.40	0.0014	P	8.0
3	☐	50.000	50.832	502759.62	0.0338	P	2.6
4	☐	125.000	123.650	1249110.86	0.0821	P	1.2
5	☐	250.000	255.385	2620926.08	0.1695	A	2.5
6	☐	500.000	508.929	5243952.29	0.3379	A	1.4
7	☐	1000.000	994.316	10412883.39	0.6601	A	2.8
8	☐			6170.99	0.0004	P	5.6

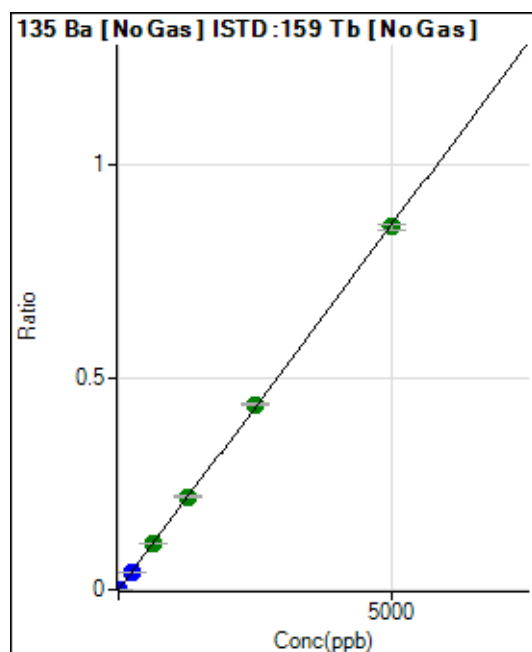
$$y = 6.6385E-004 * x + 6.5409E-006$$

$$R = 0.9999$$

$$DL = 0.005628$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	24.4
2	☐	10.000	10.529	24684.35	0.0018	P	10.0
3	☐	250.000	246.912	632168.95	0.0424	P	2.5
4	☐	625.000	634.037	1657940.87	0.1090	A	1.8
5	☐	1250.000	1276.898	3391935.62	0.2194	A	3.0
6	☐	2500.000	2539.923	6773890.08	0.4365	A	1.8
7	☐	5000.000	4972.338	13481655.51	0.8545	A	1.6
8	☐			5901.47	0.0004	P	8.3

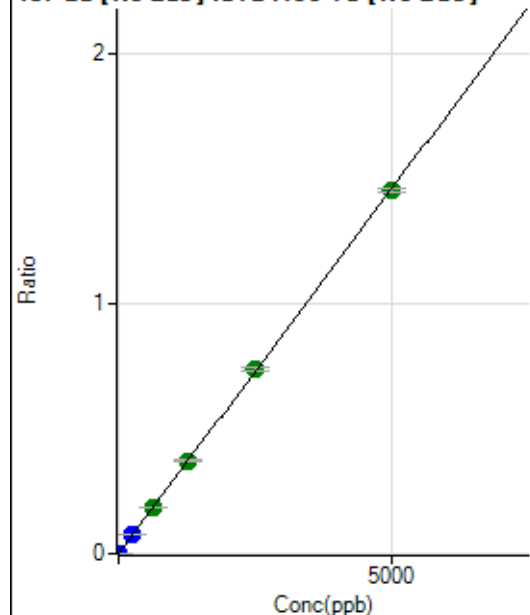
$$y = 1.7185E-004 * x + 4.9615E-006$$

$$R = 0.9999$$

$$DL = 0.02115$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.00	0.0000	P	39.3
2	☐	10.000	10.923	43559.64	0.0032	P	8.6
3	☐	250.000	251.910	1097217.98	0.0736	P	0.4
4	☐	625.000	638.392	2839159.39	0.1866	A	0.9
5	☐	1250.000	1277.597	5771827.52	0.3734	A	3.9
6	☐	2500.000	2532.826	11486970.22	0.7403	A	2.4
7	☐	5000.000	4974.916	22940901.03	1.4540	A	1.2
8	☐			10279.17	0.0007	P	5.4

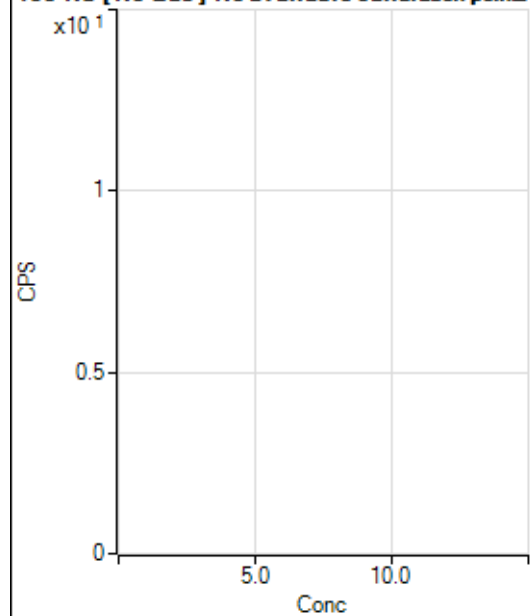
$$y = 2.9227E-004 * x + 6.8691E-006$$

$$R = 0.9999$$

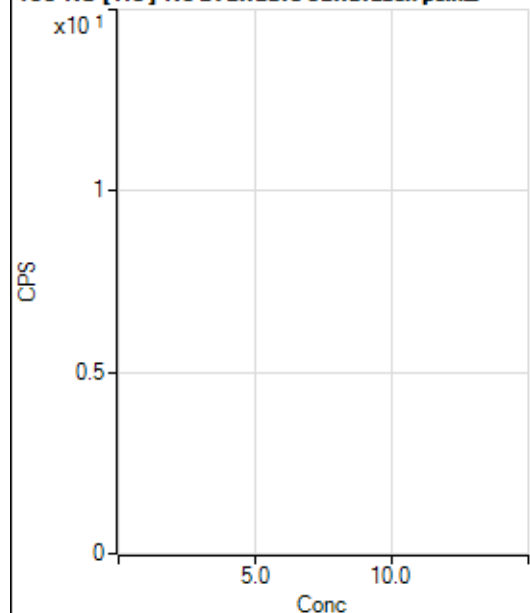
$$DL = 0.02771$$

Weight: <None>

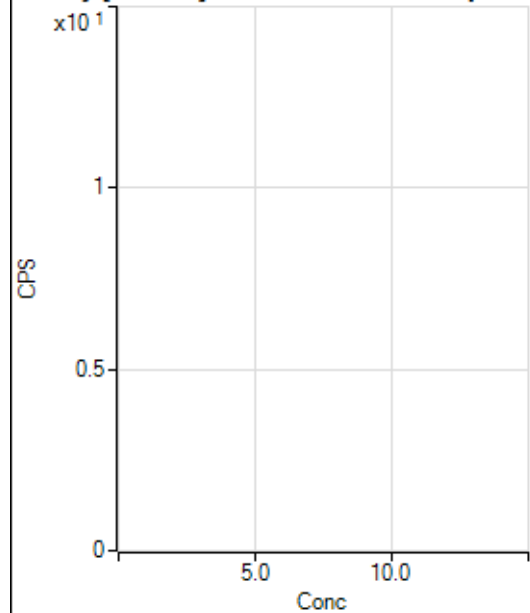
Min Conc: 0

150 Nd [No Gas] No available calibration points

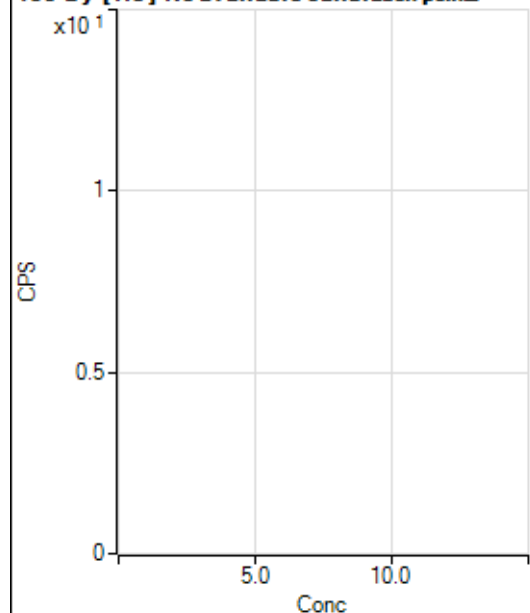
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			4.44		P	173.
3	☐			42.22		P	18.2
4	☐			111.12		P	27.7
5	☐			153.34		P	23.0
6	☐			340.01		P	20.7
7	☐			626.69		P	10.5
8	☐			62.22		P	43.3

150 Nd [He] No available calibration points

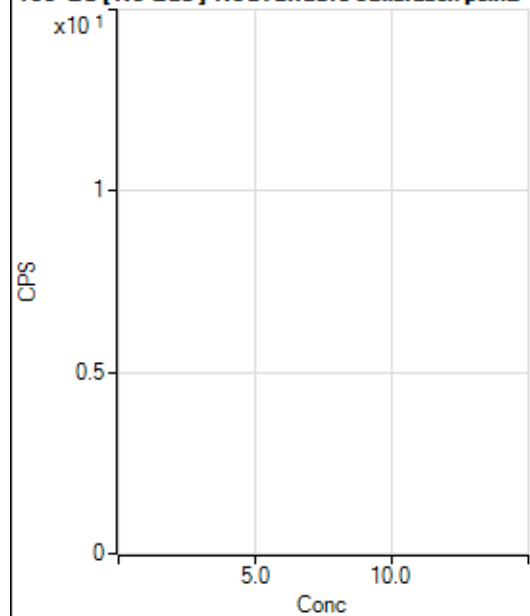
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			2.22		P	86.6
3	☐			5.55		P	69.3
4	☐			11.11		P	45.8
5	☐			17.78		P	60.3
6	☐			52.22		P	16.1
7	☐			101.11		P	19.3
8	☐			10.00		P	33.3

156 Dy [No Gas] No available calibration points

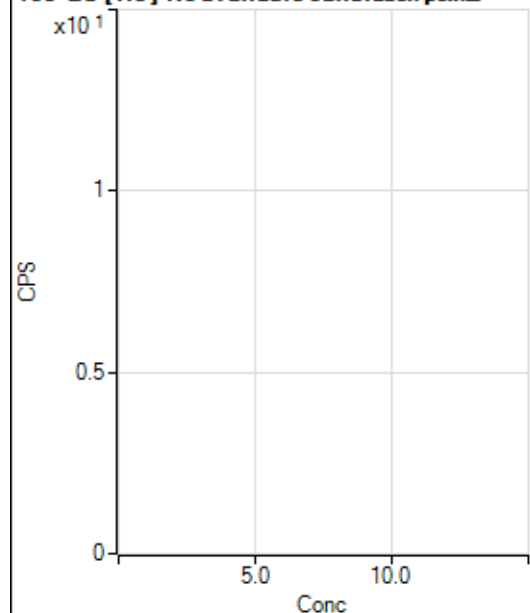
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	88.2
2	☐			16.67		P	NaN
3	☐			47.22		P	36.7
4	☐			66.67		P	45.1
5	☐			130.56		P	40.5
6	☐			308.35		P	27.4
7	☐			480.58		P	2.0
8	☐			1758.50		P	4.9

156 Dy [He] No available calibration points

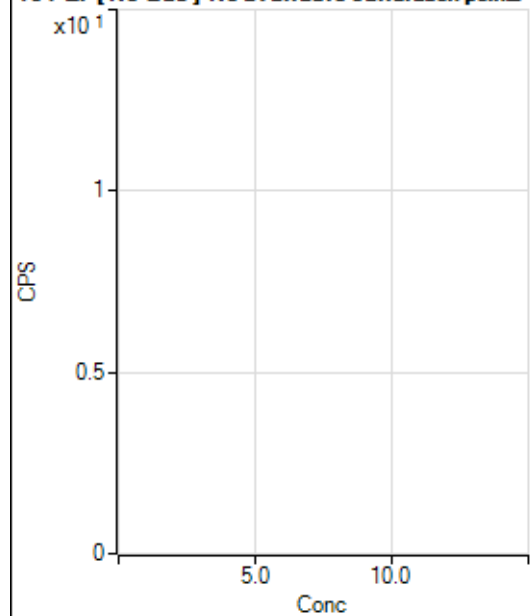
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			4.44		P	43.4
3	☐			16.67		P	20.0
4	☐			30.00		P	40.1
5	☐			53.33		P	33.1
6	☐			118.89		P	4.3
7	☐			246.67		P	23.9
8	☐			900.04		P	7.8

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

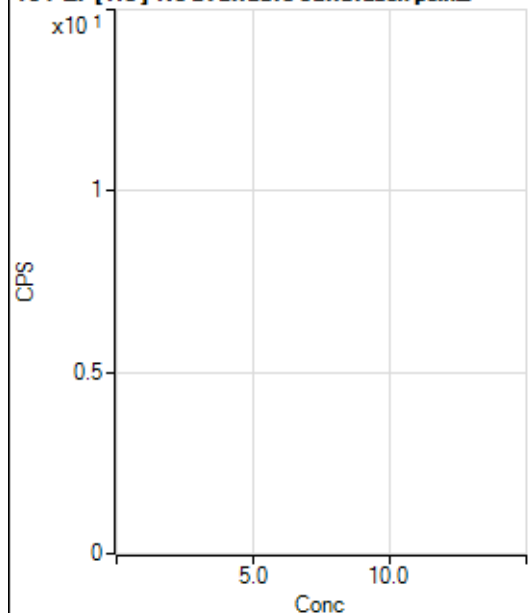
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			119.45		P	4.0
2	☐			105.56		P	29.9
3	☐			130.56		P	20.5
4	☐			169.45		P	36.9
5	☐			205.56		P	12.4
6	☐			347.23		P	23.3
7	☐			558.36		P	13.0
8	☐			2030.78		P	11.7

160 Gd [He] No available calibration points

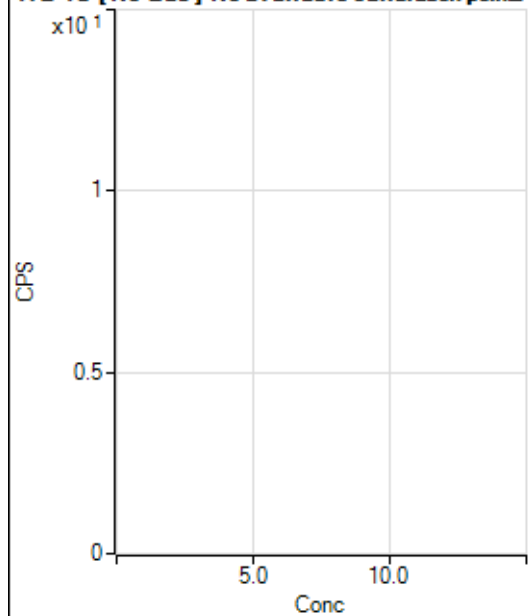
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			44.44		P	18.9
2	☐			48.89		P	58.0
3	☐			48.89		P	35.0
4	☐			83.33		P	28.0
5	☐			106.67		P	11.3
6	☐			157.78		P	10.4
7	☐			304.45		P	12.1
8	☐			1076.72		P	5.0

164 Er [No Gas] No available calibration points

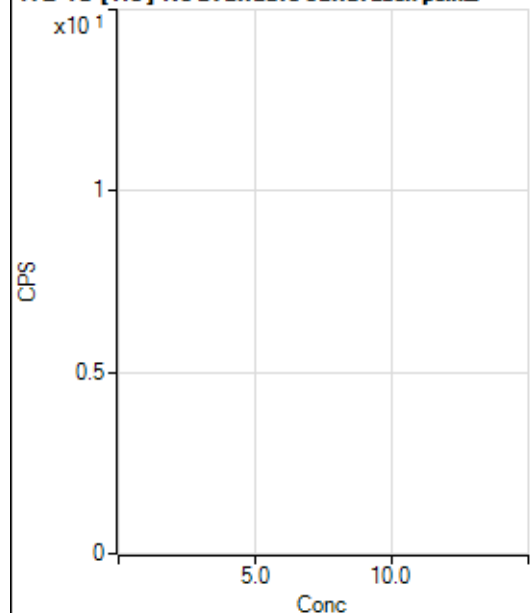
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	44.3
2	☐			75.01		P	40.1
3	☐			100.00		P	14.4
4	☐			136.12		P	14.1
5	☐			116.67		P	18.9
6	☐			175.01		P	24.7
7	☐			180.56		P	14.8
8	☐			375.02		P	13.5

164 Er [He] No available calibration points

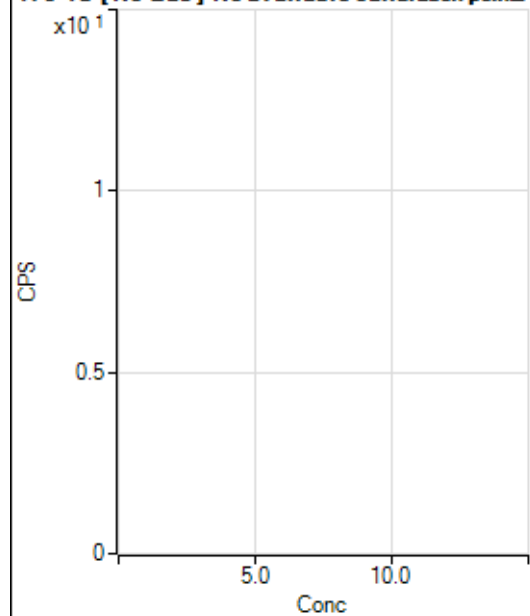
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.67		P	18.9
2	☐			42.22		P	9.1
3	☐			41.11		P	12.4
4	☐			51.11		P	26.4
5	☐			38.89		P	13.1
6	☐			85.56		P	18.0
7	☐			94.45		P	14.3
8	☐			130.00		P	27.0

172 Yb [No Gas] No available calibration points

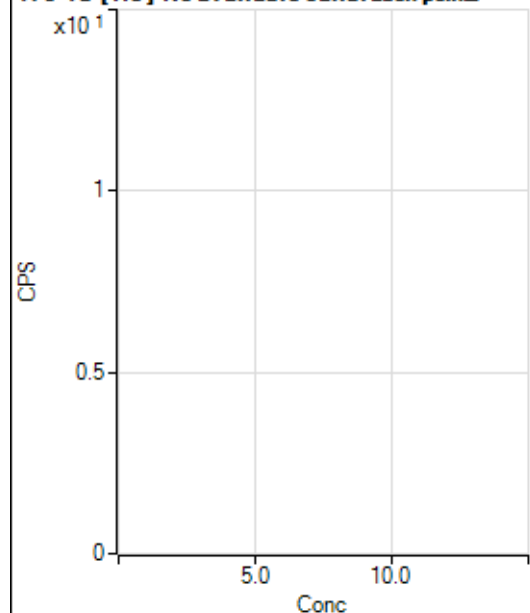
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐			36.11		P	53.3
3	☐			38.89		P	65.5
4	☐			50.00		P	33.3
5	☐			55.56		P	67.6
6	☐			69.45		P	34.6
7	☐			63.89		P	15.1
8	☐			113.89		P	16.9

172 Yb [He] No available calibration points

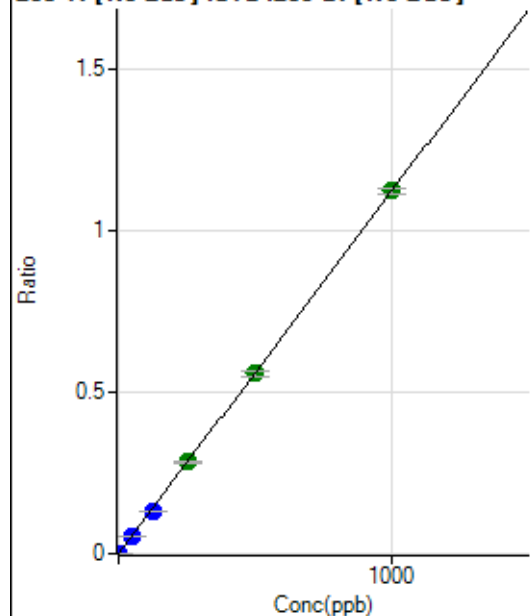
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.37		P	41.7
2	☐			12.96		P	137.
3	☐			18.52		P	34.6
4	☐			18.52		P	62.4
5	☐			25.93		P	32.7
6	☐			16.67		P	33.3
7	☐			42.59		P	61.6
8	☐			59.26		P	30.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1719.61		P	6.3
2	☐			1505.68		P	7.6
3	☐			3725.65		P	5.9
4	☐			6515.71		P	5.8
5	☐			11102.21		P	1.7
6	☐			21203.66		P	2.2
7	☐			39930.37		P	1.5
8	☐			1844.63		P	8.1

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1733.48		P	7.9
2	☐			1442.70		P	2.2
3	☐			2131.69		P	4.6
4	☐			3604.26		P	2.5
5	☐			6318.30		P	1.1
6	☐			11206.78		P	1.0
7	☐			21042.97		P	3.1
8	☐			1403.80		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	597.25	0.0001	P	14.8
2	☐	1.000	0.969	8769.88	0.0012	P	12.5
3	☐	50.000	46.031	423348.17	0.0518	P	1.7
4	☐	125.000	117.901	1090139.33	0.1324	P	0.6
5	☐	250.000	252.849	2388249.16	0.2839	A	2.0
6	☐	500.000	497.896	4652177.80	0.5590	A	3.5
7	☐	1000.000	1001.426	9263712.97	1.1243	A	1.4
8	☐			2172.47	0.0003	P	9.8

$$y = 0.0011 * x + 7.6315E-005$$

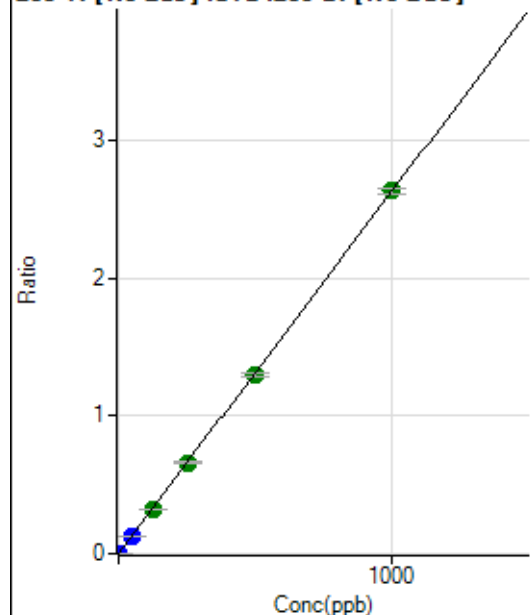
$$R = 1.0000$$

$$DL = 0.03018$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1650.15	0.0002	P	8.8
2	☐	1.000	0.974	20922.90	0.0028	P	8.2
3	☐	50.000	47.527	1024333.71	0.1252	P	1.2
4	☐	125.000	124.350	2694232.98	0.3273	A	0.7
5	☐	250.000	250.821	5551848.65	0.6599	A	1.3
6	☐	500.000	494.635	10831931.23	1.3013	A	2.3
7	☐	1000.000	1002.682	21732886.77	2.6376	A	1.3
8	☐			4831.60	0.0007	P	10.8

$$y = 0.0026 * x + 2.1033E-004$$

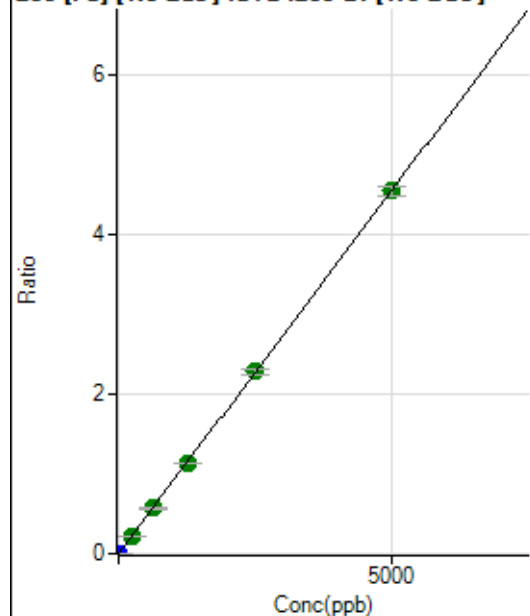
$$R = 1.0000$$

$$DL = 0.02106$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	805.59	0.0001	P	7.1
2	☐	1.000	0.966	7400.41	0.0010	P	6.1
3	☐	250.000	247.943	1842400.00	0.2252	A	2.9
4	☐	625.000	623.132	4658579.97	0.5659	A	0.5
5	☐	1250.000	1240.041	9472660.86	1.1261	A	1.0
6	☐	2500.000	2505.875	18939121.49	2.2754	A	2.8
7	☐	5000.000	4999.889	37407176.30	4.5400	A	2.9
8	☐			17588.08	0.0024	P	2.6

$$y = 9.0800E-004 * x + 1.0245E-004$$

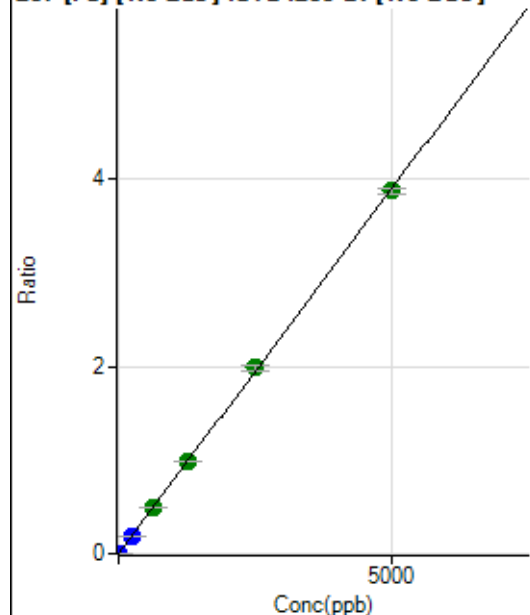
$$R = 1.0000$$

$$DL = 0.02419$$

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	777.82	0.0001	P	16.9
2	☐	1.000	0.971	6455.42	0.0009	P	7.3
3	☐	250.000	237.052	1509551.59	0.1845	P	2.3
4	☐	625.000	630.885	4041666.79	0.4910	A	0.8
5	☐	1250.000	1262.275	8262577.04	0.9822	A	1.3
6	☐	2500.000	2545.246	16481567.85	1.9805	A	3.6
7	☐	5000.000	4974.220	31890891.22	3.8704	A	1.5
8	☐			15579.98	0.0021	P	3.2

$$y = 7.7807E-004 * x + 9.8901E-005$$

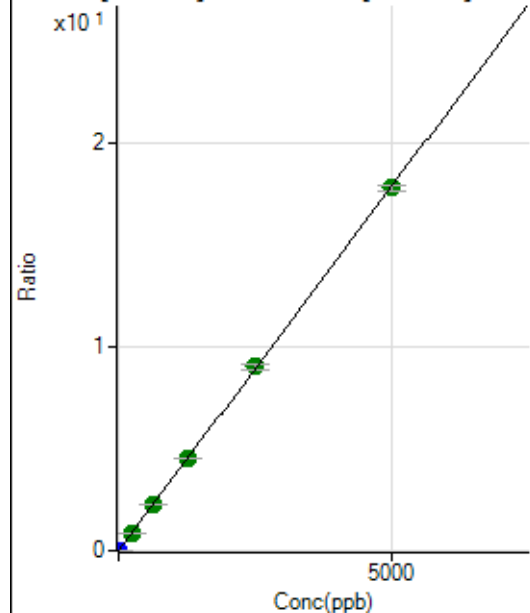
$$R = 0.9999$$

$$DL = 0.06458$$

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	3202.06	0.0004	P	7.2
2	☐	1.000	0.995	29906.77	0.0040	P	7.9
3	☐	250.000	247.807	7243325.90	0.8855	A	1.5
4	☐	625.000	625.225	18385531.93	2.2335	A	0.2
5	☐	1250.000	1260.858	37887114.04	4.5037	A	1.0
6	☐	2500.000	2530.215	75222223.56	9.0373	A	2.8
7	☐	5000.000	4982.260	146626134.9	17.7950	A	1.3
8	☐			70639.24	0.0095	P	2.6

$$y = 0.0036 * x + 4.0819E-004$$

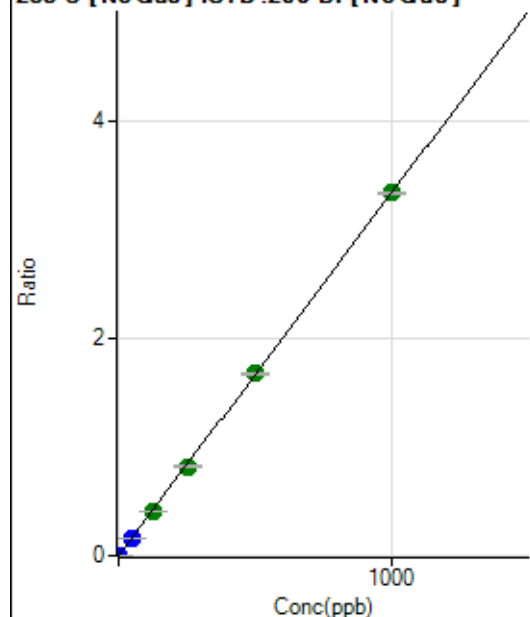
$$R = 1.0000$$

$$DL = 0.02454$$

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	138.89	0.0000	P	19.6
2	☐	1.000	1.544	39049.77	0.0052	P	6.6
3	☐	50.000	45.404	1238175.90	0.1514	P	1.1
4	☐	125.000	122.767	3368690.42	0.4092	A	1.1
5	☐	250.000	246.213	6904135.57	0.8207	A	0.8
6	☐	500.000	502.084	13935554.48	1.6736	A	1.1
7	☐	1000.000	1000.413	27477736.03	3.3346	A	0.7
8	☐			4123.01	0.0006	P	12.9

$$y = 0.0033 * x + 1.7604E-005$$

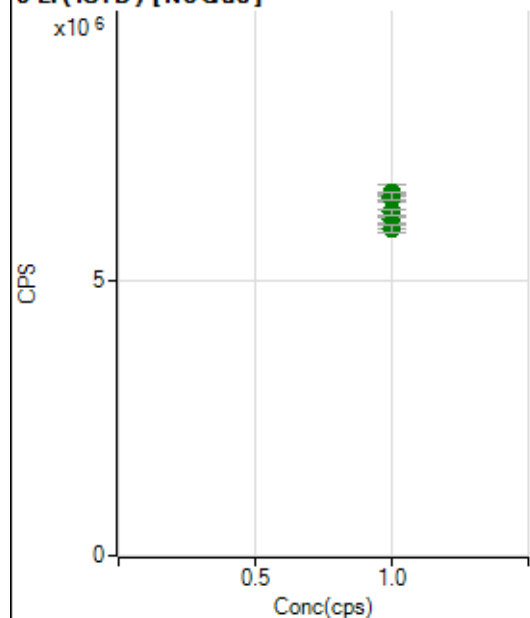
$$R = 1.0000$$

$$DL = 0.003098$$

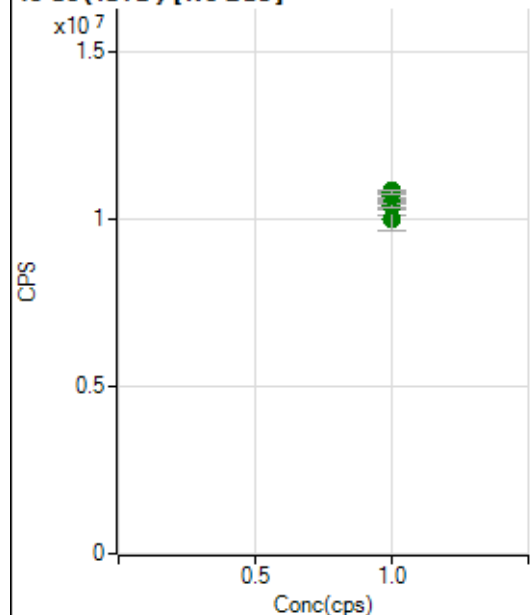
Weight: <None>

Min Conc: 0

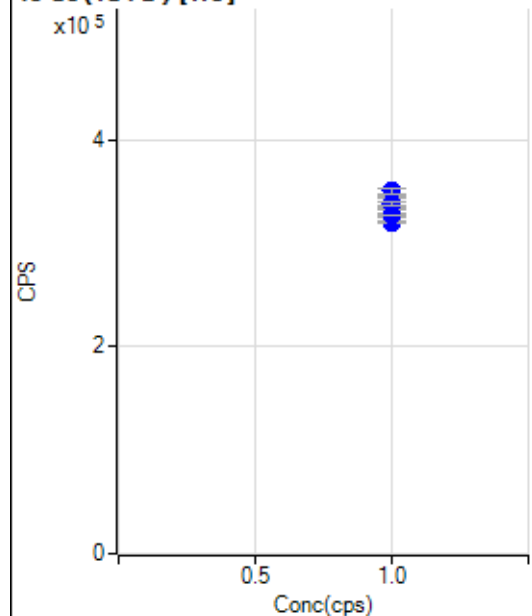
6 Li (ISTD) [No Gas]



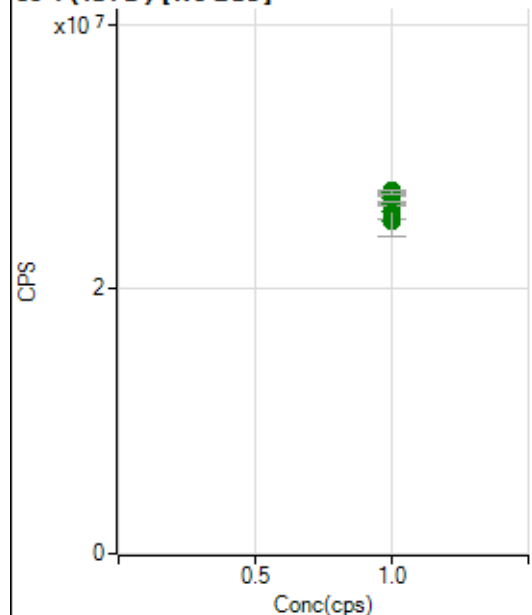
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6507845.05		A	7.1
2	☐	1.000		6167959.16		A	7.9
3	☐	1.000		6501282.95		A	0.8
4	☐	1.000		6593000.26		A	0.8
5	☐	1.000		6539623.11		A	1.9
6	☐	1.000		6098380.20		A	1.6
7	☐	1.000		6249681.73		A	1.8
8	☐	1.000		5942957.71		A	2.6

45 Sc (ISTD) [No Gas]

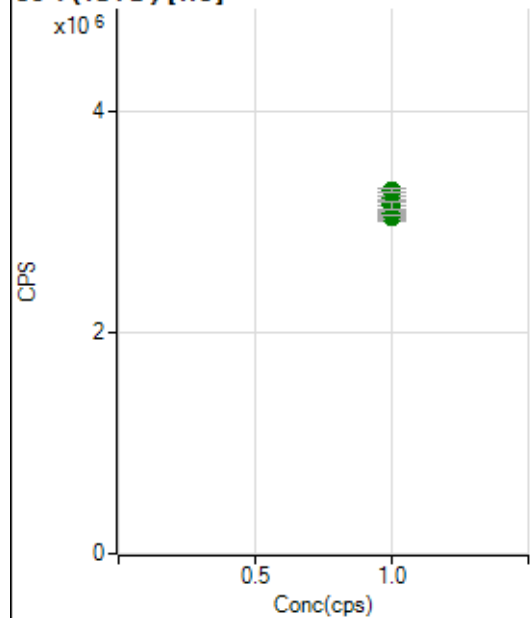
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10439191.09		A	6.4
2	☐	1.000		9983820.82		A	6.6
3	☐	1.000		10845023.45		A	0.4
4	☐	1.000		10613478.66		A	0.5
5	☐	1.000		10412576.58		A	2.1
6	☐	1.000		10392048.39		A	1.4
7	☐	1.000		10715763.80		A	1.9
8	☐	1.000		10792673.80		A	1.3

45 Sc (ISTD) [He]

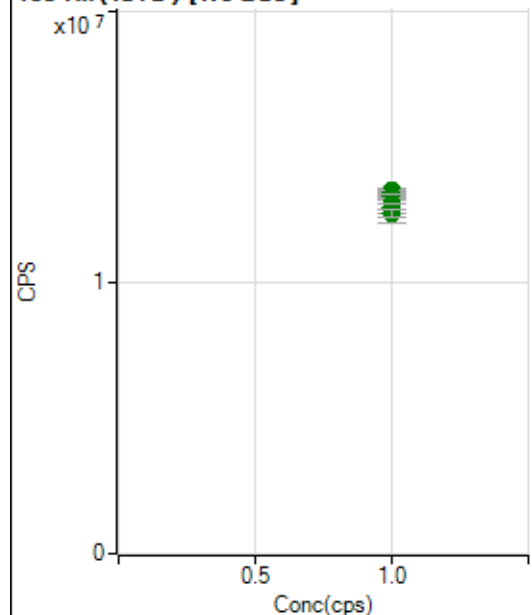
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		345117.92		P	0.8
2	☐	1.000		344622.36		P	0.7
3	☐	1.000		333417.33		P	0.4
4	☐	1.000		327544.09		P	1.2
5	☐	1.000		320130.96		P	0.8
6	☐	1.000		327001.43		P	0.2
7	☐	1.000		338622.49		P	1.4
8	☐	1.000		350655.18		P	1.2

89 Y (ISTD) [No Gas]

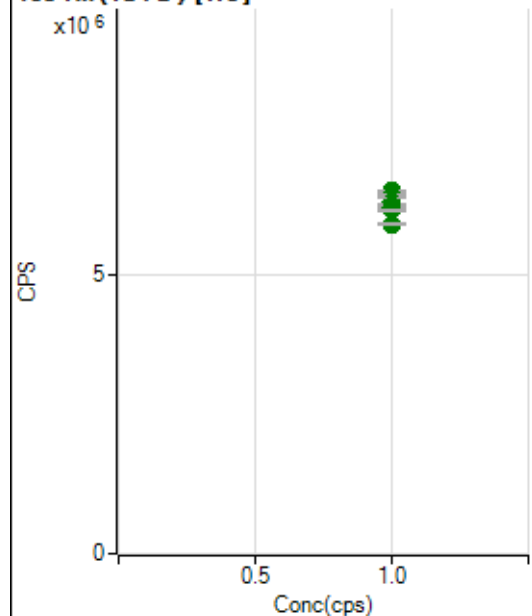
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		25837001.84		A	4.7
2	☐	1.000		25162864.90		A	9.0
3	☐	1.000		26992677.65		A	0.4
4	☐	1.000		26489854.61		A	1.1
5	☐	1.000		26386139.61		A	1.0
6	☐	1.000		26869522.93		A	2.5
7	☐	1.000		27401913.76		A	0.8
8	☐	1.000		27302868.48		A	0.8

89 Y (ISTD) [He]

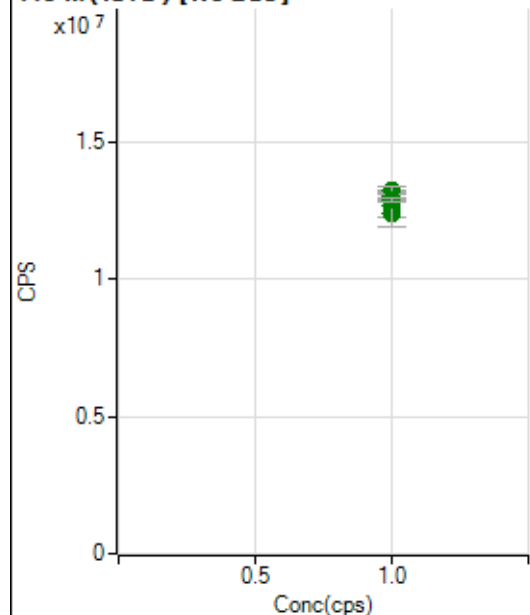
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3214024.43		A	1.6
2	☐	1.000		3171659.50		A	1.6
3	☐	1.000		3054452.39		A	1.6
4	☐	1.000		3052976.45		A	2.3
5	☐	1.000		3041690.27		A	0.3
6	☐	1.000		3086879.54		A	1.2
7	☐	1.000		3149197.94		A	2.3
8	☐	1.000		3285631.55		A	0.9

103 Rh (ISTD) [No Gas]

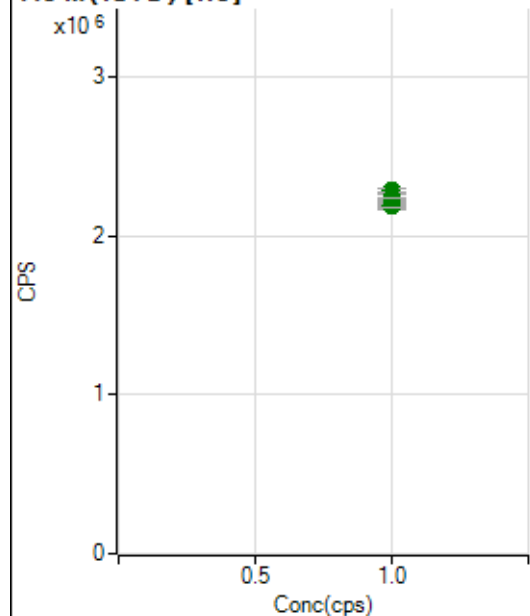
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13001817.13		A	5.0
2	☐	1.000		12692558.70		A	7.5
3	☐	1.000		13359707.33		A	1.3
4	☐	1.000		13283884.67		A	1.3
5	☐	1.000		13172741.09		A	1.0
6	☐	1.000		12773133.88		A	3.6
7	☐	1.000		12881048.55		A	0.4
8	☐	1.000		12527226.49		A	2.1

103 Rh (ISTD) [He]

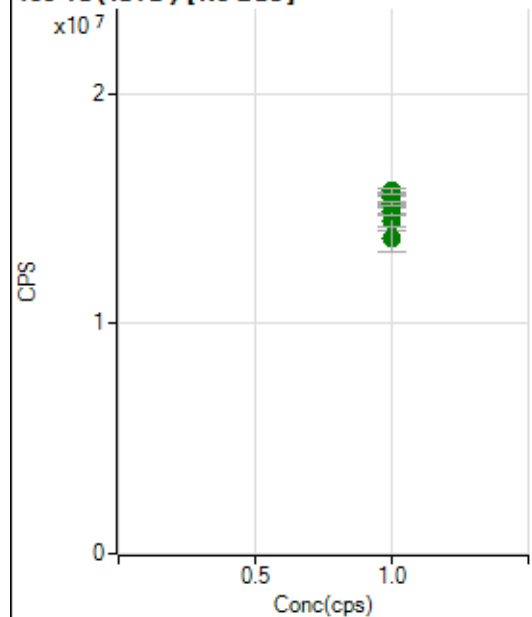
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6497064.49		A	0.3
2	☐	1.000		6420939.07		A	1.0
3	☐	1.000		6316715.60		A	1.5
4	☐	1.000		6228425.67		A	0.7
5	☐	1.000		6197585.81		A	0.5
6	☐	1.000		6196739.70		A	1.6
7	☐	1.000		6147918.66		A	0.5
8	☐	1.000		5901309.98		A	0.5

115 In (ISTD) [No Gas]

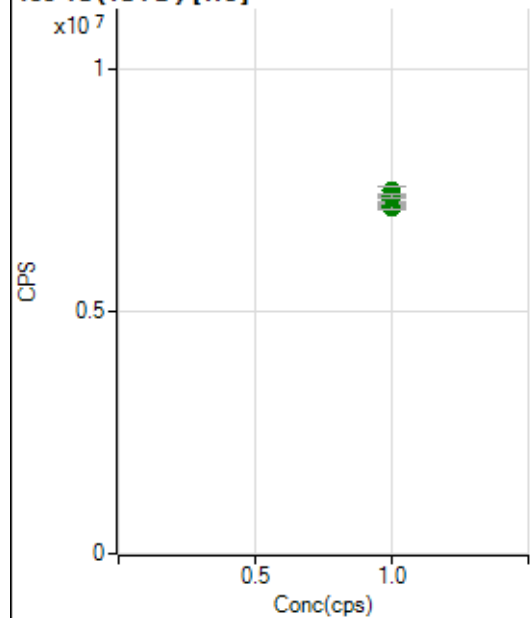
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12668369.15		A	6.4
2	☐	1.000		12395753.01		A	8.1
3	☐	1.000		13148159.43		A	0.6
4	☐	1.000		13180872.11		A	0.6
5	☐	1.000		13059213.74		A	1.8
6	☐	1.000		13000730.27		A	2.7
7	☐	1.000		13197938.13		A	2.0
8	☐	1.000		12865063.14		A	0.7

115 In (ISTD) [He]

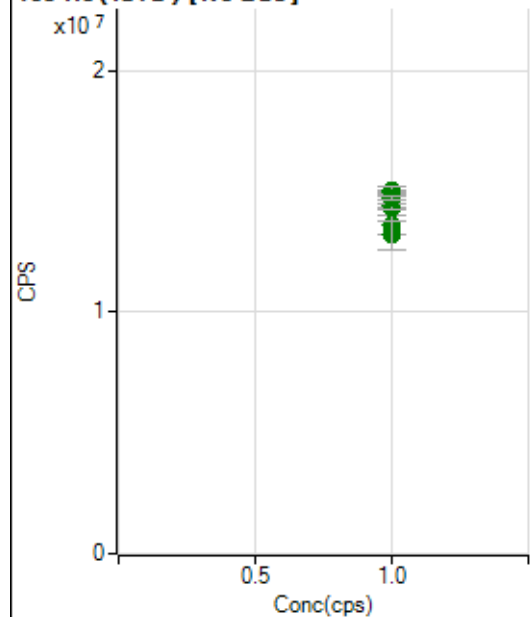
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2282065.30		A	0.9
2	☐	1.000		2266598.69		A	0.8
3	☐	1.000		2231151.73		A	2.3
4	☐	1.000		2184317.81		A	2.0
5	☐	1.000		2188592.26		A	0.3
6	☐	1.000		2214918.80		A	1.1
7	☐	1.000		2194243.80		A	1.3
8	☐	1.000		2241171.63		A	0.1

159 Tb (ISTD) [No Gas]

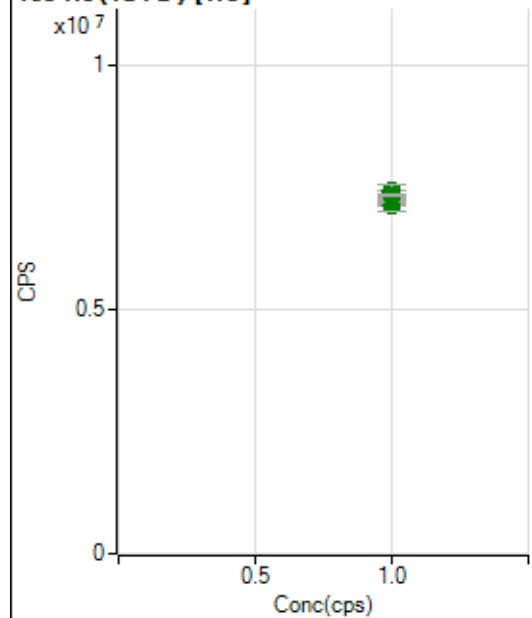
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14433993.39		A	5.3
2	☐	1.000		13677362.02		A	7.9
3	☐	1.000		14902179.92		A	2.5
4	☐	1.000		15216518.25		A	0.5
5	☐	1.000		15461572.41		A	1.5
6	☐	1.000		15523488.80		A	2.7
7	☐	1.000		15779452.68		A	1.5
8	☐	1.000		15204472.14		A	1.3

159 Tb (ISTD) [He]

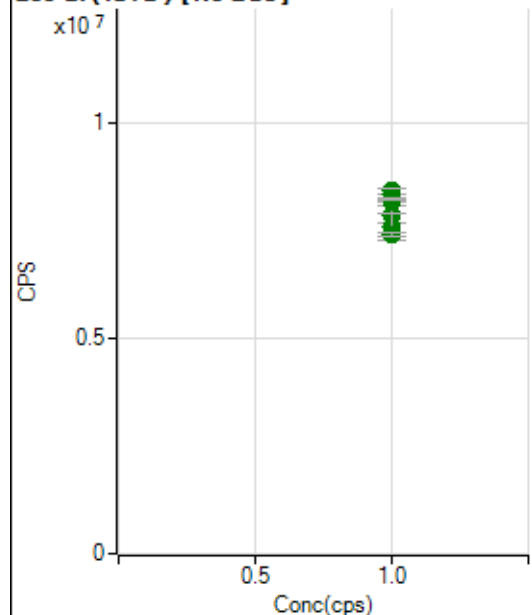
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7300033.44		A	1.7
2	☐	1.000		7191557.88		A	1.3
3	☐	1.000		7142493.57		A	1.7
4	☐	1.000		7232982.05		A	2.1
5	☐	1.000		7161575.52		A	1.5
6	☐	1.000		7310246.63		A	2.0
7	☐	1.000		7472141.83		A	2.2
8	☐	1.000		7367966.77		A	1.0

165 Ho (ISTD) [No Gas]

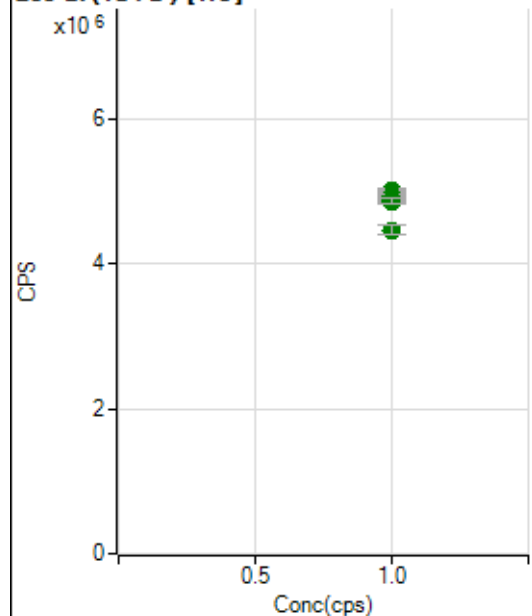
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13616685.37		A	5.7
2	☐	1.000		13194907.85		A	9.0
3	☐	1.000		14322616.64		A	0.2
4	☐	1.000		14385357.44		A	1.8
5	☐	1.000		14978673.94		A	0.5
6	☐	1.000		14956612.31		A	0.6
7	☐	1.000		15006920.99		A	2.3
8	☐	1.000		14692789.91		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7188897.67		A	1.1
2	☐	1.000		7198435.17		A	1.5
3	☐	1.000		7121759.55		A	2.6
4	☐	1.000		7234627.25		A	1.2
5	☐	1.000		7245587.12		A	0.5
6	☐	1.000		7403088.22		A	1.4
7	☐	1.000		7439384.89		A	3.1
8	☐	1.000		7342482.95		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7863513.49		A	5.1
2	☐	1.000		7582227.39		A	7.9
3	☐	1.000		8180403.21		A	0.4
4	☐	1.000		8231942.38		A	0.6
5	☐	1.000		8413036.19		A	1.4
6	☐	1.000		8328166.89		A	3.1
7	☐	1.000		8240040.36		A	0.4
8	☐	1.000		7409661.63		A	1.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4963215.73		A	0.2
2	☐	1.000		5013210.31		A	1.0
3	☐	1.000		4898076.11		A	1.0
4	☐	1.000		4872917.81		A	2.0
5	☐	1.000		4974930.79		A	1.6
6	☐	1.000		4932715.62		A	1.4
7	☐	1.000		4877201.73		A	2.0
8	☐	1.000		4471436.25		A	2.7

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8092821MS.b
Acq. Date-Time 2021-09-28 12:03:56
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		16830	168298.94			1.844	5.000
24		136179	1361793.21			1.827	5.000
25		18425	184254.04			1.171	5.000
26		21088	210876.47			1.360	5.000
59		34083	340825.33			1.897	5.000
113		13735	137349.87			1.440	5.000
115		41421	414212.91			1.314	5.000
206		16319	163194.92			1.889	5.000
207		13752	137515.26			2.186	5.000
208		34372	343717.02			2.053	5.000
220		1	6.30			13.280	

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

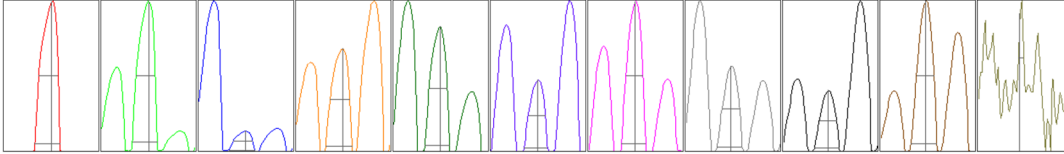
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	16797	16793	17009	17190	16360
24	136667	135494	137293	139067	132376
25	18456	18424	18382	18735	18130
26	21065	21101	21180	21443	20648
59	33978	34178	34150	34961	33146
113	13722	13714	13870	13942	13427
115	41227	41700	41431	42104	40645
206	16079	16393	16417	16745	15964
207	13488	13833	13793	14192	13452
208	33782	34515	34603	35359	33599

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	29164.89	9.05	8.90 - 9.10	
24	235966.84	24.05	23.90 - 24.10	
25	31115.68	25.00	24.90 - 25.10	
26	35762.18	26.00	25.90 - 26.10	
59	62687.20	59.00	58.90 - 59.10	
113	26575.99	113.00	112.90 - 113.10	
115	80304.43	115.00	114.90 - 115.10	
206	30635.31	205.95	205.90 - 206.10	
207	25685.92	206.95	206.90 - 207.10	
208	63971.29	207.95	207.90 - 208.10	
220	1.05	219.85	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.784	0.900	
24	0.60	0.785	0.900	
25	0.61	0.815	0.900	
26	0.63	0.831	0.900	
59	0.57	0.779	0.900	
113	0.54	0.740	0.900	
115	0.53	0.772	0.900	
206	0.54	0.789	0.900	
207	0.54	0.785	0.900	
208	0.55	0.815	0.900	
220	0.16			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 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	9.4 V	Deflect	16.8 V
Extract 2	-195.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 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	150 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.0 mm	Torch V	-0.8 mm
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EM

Discriminator	4.0 mV	Analog HV	2241 V	Pulse HV	1520 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		7361	73606.43			0.843	
89		25713	257130.95			0.319	
205		17020	170200.04			0.808	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	7396	7438	7332	7362	7275
89	25741	25758	25793	25692	25582
205	17087	16855	17213	17004	16940

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 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	9.4 V	Deflect	4.2 V
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US EPA Tune Check Report

Extract 2	-195.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 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	0.9992	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	1.0 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.0 mV	Analog HV	2241 V	Pulse HV	1520 V

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:33:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.12	-0.12	0.23	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	-0.03	0.02	0.00	N/A	ppb
Boron	11-1	-0.06	0.10	-0.03	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.03	0.01	0.00	N/A	ppb
Cadmium	106-1	0.09	-0.32	0.23	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.04	0.01	0.00	N/A	ppb
Calcium	43-1	-0.82	0.45	0.36	0.00	N/A	ppb
Calcium	44-1	-2.37	4.27	-1.90	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.06	-0.33	0.27	0.00	N/A	ppb
Iron	56-2	0.00	-0.02	0.02	0.00	N/A	ppb
Iron	57-2	-0.34	0.37	-0.03	0.00	N/A	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:33:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	-0.02	0.00	0.02	0.00	N/A	ppb
Lead	208-1	0.00	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.03	-0.46	0.43	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.01	-0.01	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	0.00	0.00	-0.01	0.00	N/A	ppb
Phosphorus	31-2	0.23	-4.64	3.64	-0.26		ppb
Potassium	39-2	-2.03	2.64	-0.61	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.00	0.33	-0.33	0.00	N/A	ppb
Selenium	77-2	-0.15	-0.15	0.31	0.00	N/A	ppb
Selenium	78-2	-0.21	0.01	0.20	0.00	N/A	ppb
Silicon	28-1	-2.02	4.36	-2.34	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	-0.15	-1.36	1.50	0.00	N/A	ppb
Strontium	86-1	-0.02	0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	-696.05	418.93	-542.75	-273.29		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:33:14	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	-0.02	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	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	-0.05	0.01	0.00	N/A	ppb
Zirconium	90-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Zirconium	91-1	-0.13	0.13	0.00	0.00	N/A	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:39:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.95	19.99	20.31	20.42	2.40	ppb
Antimony	121-1	2.00	2.34	2.12	2.16	8.04	ppb
Arsenic	75-2	1.00	0.97	0.89	0.95	5.63	ppb
Barium	135-1	9.40	11.48	10.71	10.53	10.00	ppb
Barium	137-1	9.90	11.77	11.10	10.92	8.65	ppb
Beryllium	9-1	1.01	1.05	1.05	1.04	2.53	ppb
Bismuth	209-1				96		%
Bismuth	209-2				101		%
Boron	10-1	21.90	26.60	27.85	25.45	12.34	ppb
Boron	11-1	23.19	28.24	28.36	26.59	11.10	ppb
Bromine	81-1						cps
Cadmium	111-1	1.21	1.27	1.22	1.23	2.60	ppb
Cadmium	106-1	3.68	1.46	2.49	2.54	43.78	ppb
Cadmium	108-1	1.21	1.22	1.48	1.30	11.79	ppb
Calcium	43-1	471.06	530.18	516.07	505.77	6.11	ppb
Calcium	44-1	468.96	538.66	523.95	510.53	7.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.90	1.86	1.95	1.90	2.46	ppb
Cobalt	59-2	0.96	0.92	0.98	0.95	3.34	ppb
Copper	63-2	1.86	1.71	1.80	1.79	4.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	52.53	52.18	53.96	52.89	1.78	ppb
Iron	56-2	50.04	49.59	49.75	49.79	0.46	ppb
Iron	57-2	54.30	49.63	53.53	52.49	4.78	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:39:23	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.90	1.03	0.97	0.97	6.84	ppb
Lead	207-1	0.90	1.06	0.96	0.97	8.23	ppb
Lead	208-1	0.90	1.08	1.00	0.99	8.75	ppb
Lithium	6-1				95		%
Magnesium	24-2	508.90	480.68	489.59	493.06	2.93	ppb
Manganese	55-2	1.05	0.93	0.99	0.99	6.07	ppb
Molybdenum	94-1	5.93	7.03	6.77	6.58	8.67	ppb
Molybdenum	95-1	5.39	6.29	6.05	5.91	7.92	ppb
Molybdenum	96-1	5.21	6.47	6.06	5.92	10.86	ppb
Molybdenum	97-1	5.38	6.45	6.21	6.02	9.36	ppb
Molybdenum	98-1	5.32	6.50	5.91	5.91	10.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	1.07	1.02	1.05	2.50	ppb
Phosphorus	31-2	1.93	6.43	-7.60	0.26	2797.98	ppb
Potassium	39-2	465.39	455.57	464.33	461.76	1.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				100		%
Selenium	82-1	5.03	5.79	5.62	5.48	7.30	ppb
Selenium	77-2	5.87	5.89	6.17	5.98	2.82	ppb
Selenium	78-2	5.31	5.00	4.81	5.04	4.93	ppb
Silicon	28-1	11.67	22.97	19.78	18.14	32.13	ppb
Silver	107-1	1.01	1.15	1.11	1.09	6.34	ppb
Silver	109-1	0.96	1.18	1.07	1.07	10.45	ppb
Sodium	23-2	506.49	480.80	490.25	492.52	2.64	ppb
Strontium	86-1	1.51	2.00	1.80	1.77	13.99	ppb
Strontium	88-1	1.63	1.90	1.88	1.80	8.33	ppb
Sulfur	34-1	-411.87	705.07	526.68	273.29	219.56	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	0.84	1.10	0.96	0.97	13.42	ppb
Thallium	205-1	0.89	1.06	0.97	0.97	8.86	ppb
Tin	118-1	5.57	6.59	6.07	6.08	8.33	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:39:23	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.71	5.95	5.88	5.85	2.05	ppb
Uranium	238-1	1.47	1.66	1.50	1.54	6.64	ppb
Vanadium	51-2	4.85	4.58	4.63	4.69	3.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	2.48	2.64	2.66	2.59	3.90	ppb
Zirconium	90-1	14.18	17.82	17.05	16.35	11.74	ppb
Zirconium	91-1	15.05	17.63	16.72	16.47	7.95	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:42:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1085.33	1099.40	1092.43	1092.39	0.64	ppb
Antimony	121-1	51.79	49.33	51.38	50.83	2.60	ppb
Arsenic	75-2	51.56	52.25	52.99	52.27	1.37	ppb
Barium	135-1	249.67	239.74	251.33	246.91	2.54	ppb
Barium	137-1	252.29	250.67	252.76	251.91	0.44	ppb
Beryllium	9-1	50.91	51.23	50.60	50.91	0.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	45.62	48.12	51.54	48.43	6.14	ppb
Boron	11-1	47.65	49.18	52.77	49.87	5.27	ppb
Bromine	81-1						cps
Cadmium	111-1	53.53	50.50	53.32	52.45	3.22	ppb
Cadmium	106-1	55.16	51.10	57.27	54.51	5.75	ppb
Cadmium	108-1	52.98	52.76	54.36	53.37	1.62	ppb
Calcium	43-1	5106.96	5146.67	5080.74	5111.46	0.65	ppb
Calcium	44-1	5107.79	5154.36	5186.55	5149.57	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.78	49.53	49.38	49.23	0.81	ppb
Cobalt	59-2	50.29	50.37	49.36	50.01	1.12	ppb
Copper	63-2	538.18	533.73	545.04	538.99	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	2682.69	2653.13	2645.30	2660.37	0.74	ppb
Iron	56-2	2665.17	2670.32	2692.35	2675.94	0.54	ppb
Iron	57-2	2576.67	2652.29	2605.64	2611.53	1.46	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:42:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	246.83	255.75	241.25	247.94	2.95	ppb
Lead	207-1	235.53	243.08	232.55	237.05	2.29	ppb
Lead	208-1	247.84	251.45	244.13	247.81	1.48	ppb
Lithium	6-1				100		%
Magnesium	24-2	5580.37	5555.53	5478.76	5538.22	0.96	ppb
Manganese	55-2	493.01	499.83	493.64	495.49	0.76	ppb
Molybdenum	94-1	249.95	246.91	245.35	247.40	0.94	ppb
Molybdenum	95-1	253.53	255.14	247.50	252.06	1.60	ppb
Molybdenum	96-1	258.90	256.94	246.62	254.15	2.60	ppb
Molybdenum	97-1	247.55	253.92	244.29	248.59	1.97	ppb
Molybdenum	98-1	250.92	253.16	251.20	251.76	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.29	50.86	49.63	50.26	1.23	ppb
Phosphorus	31-2	1040.14	1051.80	1084.36	1058.77	2.16	ppb
Potassium	39-2	2498.84	2573.52	2533.45	2535.27	1.47	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	52.31	53.33	53.12	52.92	1.02	ppb
Selenium	77-2	53.24	50.09	61.10	54.81	10.35	ppb
Selenium	78-2	56.37	51.38	54.82	54.19	4.71	ppb
Silicon	28-1	57.00	57.56	61.57	58.71	4.24	ppb
Silver	107-1	53.41	51.48	52.62	52.50	1.85	ppb
Silver	109-1	53.07	50.65	52.05	51.92	2.33	ppb
Sodium	23-2	5353.22	5287.36	5351.89	5330.82	0.71	ppb
Strontium	86-1	509.01	516.11	518.31	514.47	0.95	ppb
Strontium	88-1	509.68	499.10	508.06	505.62	1.13	ppb
Sulfur	34-1	1053.97	908.87	919.02	960.62	8.43	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	45.89	45.33	46.87	46.03	1.69	ppb
Thallium	205-1	47.14	48.19	47.25	47.53	1.21	ppb
Tin	118-1	53.05	50.63	50.25	51.31	2.96	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:42:29	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	251.90	249.00	250.98	250.63	0.59	ppb
Uranium	238-1	44.82	45.67	45.72	45.40	1.11	ppb
Vanadium	51-2	49.69	49.58	49.10	49.46	0.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				95		%
Zinc	66-2	506.57	520.17	509.46	512.07	1.40	ppb
Zirconium	90-1	488.31	483.15	479.79	483.75	0.89	ppb
Zirconium	91-1	489.15	484.31	477.62	483.69	1.20	ppb

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 12:45:32 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2623.18	2689.59	2677.01	2663.26	1.32	ppb
Antimony	121-1	122.37	125.30	123.28	123.65	1.22	ppb
Arsenic	75-2	124.71	128.07	127.33	126.70	1.40	ppb
Barium	135-1	622.18	645.25	634.68	634.04	1.82	ppb
Barium	137-1	633.23	644.35	637.59	638.39	0.88	ppb
Beryllium	9-1	126.01	126.67	126.50	126.40	0.27	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	112.20	121.49	126.50	120.06	6.04	ppb
Boron	11-1	118.05	122.30	128.79	123.05	4.40	ppb
Bromine	81-1						cps
Cadmium	111-1	127.13	131.45	130.02	129.53	1.70	ppb
Cadmium	106-1	133.53	129.52	135.68	132.91	2.35	ppb
Cadmium	108-1	127.84	129.71	129.26	128.94	0.76	ppb
Calcium	43-1	13058.91	13037.77	13034.32	13043.66	0.10	ppb
Calcium	44-1	12833.45	13027.40	12788.73	12883.19	0.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.84	123.02	122.36	121.74	1.37	ppb
Cobalt	59-2	121.64	126.10	123.46	123.73	1.81	ppb
Copper	63-2	1285.31	1334.87	1292.70	1304.29	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	6503.42	6733.71	6536.69	6591.27	1.89	ppb
Iron	56-2	6691.89	6699.90	6584.06	6658.62	0.97	ppb
Iron	57-2	6370.11	6416.49	6450.12	6412.24	0.63	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:45:32	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	625.86	624.14	619.40	623.13	0.54	ppb
Lead	207-1	630.92	635.91	625.82	630.88	0.80	ppb
Lead	208-1	623.99	624.76	626.93	625.23	0.24	ppb
Lithium	6-1				101		%
Magnesium	24-2	13776.98	13829.97	13846.56	13817.83	0.26	ppb
Manganese	55-2	1290.91	1259.28	1268.01	1272.73	1.28	ppb
Molybdenum	94-1	644.45	638.84	642.06	641.78	0.44	ppb
Molybdenum	95-1	655.98	625.74	632.67	638.13	2.48	ppb
Molybdenum	96-1	651.62	622.11	623.87	632.53	2.62	ppb
Molybdenum	97-1	668.78	646.88	627.76	647.81	3.17	ppb
Molybdenum	98-1	653.22	625.97	630.56	636.58	2.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	122.62	127.01	125.35	124.99	1.77	ppb
Phosphorus	31-2	2422.61	2535.88	2513.00	2490.50	2.40	ppb
Potassium	39-2	6416.66	6451.89	6424.71	6431.09	0.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	133.37	130.57	132.62	132.19	1.09	ppb
Selenium	77-2	126.63	132.13	112.65	123.80	8.11	ppb
Selenium	78-2	130.38	128.46	131.94	130.26	1.34	ppb
Silicon	28-1	136.36	139.81	145.74	140.64	3.37	ppb
Silver	107-1	130.29	133.23	131.08	131.53	1.16	ppb
Silver	109-1	131.07	131.23	131.91	131.40	0.34	ppb
Sodium	23-2	12962.76	13003.46	13258.37	13074.86	1.23	ppb
Strontium	86-1	1296.52	1272.58	1287.29	1285.46	0.94	ppb
Strontium	88-1	1263.48	1256.39	1283.32	1267.73	1.10	ppb
Sulfur	34-1	3423.77	3206.96	3271.40	3300.71	3.37	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	117.27	118.72	117.72	117.90	0.63	ppb
Thallium	205-1	124.74	123.38	124.93	124.35	0.68	ppb
Tin	118-1	125.05	126.17	123.85	125.02	0.93	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:45:32	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	625.49	614.60	638.76	626.28	1.93	ppb
Uranium	238-1	122.28	121.72	124.30	122.77	1.11	ppb
Vanadium	51-2	120.84	122.56	122.32	121.90	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	1255.70	1282.50	1269.62	1269.27	1.06	ppb
Zirconium	90-1	1251.03	1236.27	1277.87	1255.05	1.68	ppb
Zirconium	91-1	1249.71	1229.30	1226.19	1235.07	1.03	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:48:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5278.42	5266.52	5238.23	5261.06	0.39	ppb
Antimony	121-1	253.19	250.31	262.65	255.38	2.53	ppb
Arsenic	75-2	252.23	249.56	252.56	251.45	0.65	ppb
Barium	135-1	1277.40	1238.79	1314.50	1276.90	2.96	ppb
Barium	137-1	1329.97	1231.85	1270.97	1277.60	3.87	ppb
Beryllium	9-1	245.03	255.92	244.90	248.62	2.54	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	231.66	247.59	246.83	242.03	3.71	ppb
Boron	11-1	234.62	254.05	253.20	247.29	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	254.27	255.28	253.47	254.34	0.36	ppb
Cadmium	106-1	253.86	253.54	260.21	255.87	1.47	ppb
Cadmium	108-1	264.52	251.09	258.57	258.06	2.61	ppb
Calcium	43-1	25582.88	26433.28	26831.08	26282.41	2.43	ppb
Calcium	44-1	24999.64	26156.04	26312.74	25822.81	2.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	246.47	241.29	241.74	243.17	1.18	ppb
Cobalt	59-2	264.08	258.82	259.17	260.69	1.13	ppb
Copper	63-2	2559.66	2595.43	2529.65	2561.58	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	13831.18	13830.94	13781.56	13814.56	0.21	ppb
Iron	56-2	13728.40	13300.15	13417.01	13481.85	1.64	ppb
Iron	57-2	13064.39	12878.57	12726.09	12889.68	1.31	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:48:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1250.35	1226.28	1243.49	1240.04	1.00	ppb
Lead	207-1	1278.76	1245.57	1262.50	1262.27	1.31	ppb
Lead	208-1	1275.04	1253.84	1253.69	1260.86	0.97	ppb
Lithium	6-1				100		%
Magnesium	24-2	27237.35	26832.72	26016.92	26695.66	2.33	ppb
Manganese	55-2	2574.17	2529.37	2557.44	2553.66	0.89	ppb
Molybdenum	94-1	1281.46	1275.23	1262.97	1273.22	0.74	ppb
Molybdenum	95-1	1265.66	1280.49	1246.30	1264.15	1.36	ppb
Molybdenum	96-1	1240.21	1256.73	1260.14	1252.36	0.85	ppb
Molybdenum	97-1	1258.09	1264.04	1282.36	1268.16	1.00	ppb
Molybdenum	98-1	1278.92	1293.16	1257.70	1276.60	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	253.94	251.54	244.91	250.13	1.87	ppb
Phosphorus	31-2	5155.39	5229.30	5135.43	5173.37	0.96	ppb
Potassium	39-2	12743.32	12694.05	12532.44	12656.60	0.87	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				93		%
Selenium	82-1	259.05	263.81	260.49	261.12	0.94	ppb
Selenium	77-2	245.62	296.35	252.71	264.90	10.37	ppb
Selenium	78-2	263.87	263.96	265.78	264.54	0.41	ppb
Silicon	28-1	254.37	271.11	280.85	268.78	4.98	ppb
Silver	107-1	252.83	257.92	261.22	257.32	1.64	ppb
Silver	109-1	259.88	248.24	260.63	256.25	2.71	ppb
Sodium	23-2	26121.98	25981.43	26065.09	26056.16	0.27	ppb
Strontium	86-1	2534.63	2524.25	2581.17	2546.68	1.19	ppb
Strontium	88-1	2473.77	2555.89	2552.28	2527.31	1.84	ppb
Sulfur	34-1	6001.91	6407.24	6529.36	6312.84	4.37	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	254.58	247.21	256.76	252.85	1.98	ppb
Thallium	205-1	254.42	250.11	247.93	250.82	1.32	ppb
Tin	118-1	253.78	250.54	267.16	257.16	3.43	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:48:37	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1259.69	1280.03	1248.53	1262.75	1.26	ppb
Uranium	238-1	247.91	244.17	246.56	246.21	0.77	ppb
Vanadium	51-2	247.77	245.96	242.85	245.53	1.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	2539.32	2515.14	2626.32	2560.26	2.28	ppb
Zirconium	90-1	2451.35	2571.12	2496.17	2506.21	2.41	ppb
Zirconium	91-1	2474.84	2528.24	2495.40	2499.49	1.08	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:51:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10474.02	10414.18	10390.85	10426.35	0.41	ppb
Antimony	121-1	511.70	514.00	501.09	508.93	1.35	ppb
Arsenic	75-2	510.68	510.25	500.15	507.03	1.18	ppb
Barium	135-1	2575.56	2555.06	2489.15	2539.92	1.78	ppb
Barium	137-1	2589.57	2538.45	2470.46	2532.83	2.36	ppb
Beryllium	9-1	549.89	518.77	527.55	532.07	3.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				99		%
Boron	10-1	514.20	505.57	523.72	514.50	1.76	ppb
Boron	11-1	523.31	529.82	527.03	526.72	0.62	ppb
Bromine	81-1						cps
Cadmium	111-1	514.00	501.75	504.60	506.78	1.26	ppb
Cadmium	106-1	521.44	519.29	508.51	516.41	1.34	ppb
Cadmium	108-1	519.92	513.40	502.41	511.91	1.73	ppb
Calcium	43-1	56719.67	54666.32	52857.48	54747.82	3.53	ppb
Calcium	44-1	53732.99	51778.07	51938.51	52483.19	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.38	507.03	508.38	509.26	0.55	ppb
Cobalt	59-2	516.68	515.87	508.78	513.78	0.85	ppb
Copper	63-2	5045.26	5076.98	5133.21	5085.15	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	27035.75	27584.21	27408.79	27342.92	1.02	ppb
Iron	56-2	26852.71	26797.52	26378.54	26676.26	0.97	ppb
Iron	57-2	27683.34	27599.05	26929.97	27404.12	1.51	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:51:41	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2564.15	2428.44	2525.04	2505.88	2.79	ppb
Lead	207-1	2609.84	2439.69	2586.21	2545.25	3.62	ppb
Lead	208-1	2577.21	2449.89	2563.54	2530.21	2.76	ppb
Lithium	6-1				94		%
Magnesium	24-2	53371.44	53843.09	53303.10	53505.88	0.55	ppb
Manganese	55-2	5081.06	5074.43	5049.00	5068.16	0.33	ppb
Molybdenum	94-1	2460.70	2517.37	2480.23	2486.10	1.16	ppb
Molybdenum	95-1	2455.11	2534.28	2478.54	2489.31	1.63	ppb
Molybdenum	96-1	2489.38	2483.55	2496.43	2489.79	0.26	ppb
Molybdenum	97-1	2473.09	2499.34	2447.42	2473.28	1.05	ppb
Molybdenum	98-1	2495.85	2554.94	2448.46	2499.75	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.53	493.21	491.64	493.79	0.51	ppb
Phosphorus	31-2	10170.75	10300.45	10283.96	10251.72	0.69	ppb
Potassium	39-2	24847.35	24920.53	24720.96	24829.62	0.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	82-1	521.30	517.93	500.63	513.29	2.16	ppb
Selenium	77-2	503.18	499.28	511.38	504.61	1.22	ppb
Selenium	78-2	523.21	524.58	510.72	519.50	1.47	ppb
Silicon	28-1	510.13	498.27	528.36	512.25	2.96	ppb
Silver	107-1	521.09	511.07	506.73	512.96	1.44	ppb
Silver	109-1	513.55	507.48	504.32	508.45	0.92	ppb
Sodium	23-2	52436.78	52639.82	51830.31	52302.30	0.81	ppb
Strontium	86-1	4995.92	4976.71	4910.04	4960.89	0.91	ppb
Strontium	88-1	5047.09	5036.42	4869.99	4984.50	1.99	ppb
Sulfur	34-1	9962.40	9397.28	9761.75	9707.15	2.95	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	511.14	478.43	504.12	497.90	3.46	ppb
Thallium	205-1	504.02	482.21	497.67	494.64	2.27	ppb
Tin	118-1	521.96	508.65	501.49	510.70	2.03	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:51:41	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2564.34	2536.02	2537.81	2546.06	0.62	ppb
Uranium	238-1	508.68	499.39	498.18	502.08	1.14	ppb
Vanadium	51-2	498.44	507.81	512.42	506.22	1.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				96		%
Zinc	66-2	5123.30	5127.82	5221.86	5157.66	1.08	ppb
Zirconium	90-1	5075.76	4941.27	4954.75	4990.59	1.48	ppb
Zirconium	91-1	5078.86	5167.67	5062.88	5103.14	1.11	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:54:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21710.23	21027.00	20954.83	21230.69	1.96	ppb
Antimony	121-1	1002.93	1016.39	963.63	994.32	2.76	ppb
Arsenic	75-2	1017.98	1000.76	968.66	995.80	2.51	ppb
Barium	135-1	4954.29	5059.99	4902.73	4972.34	1.61	ppb
Barium	137-1	5004.72	5012.16	4907.87	4974.92	1.17	ppb
Beryllium	9-1	994.91	982.81	974.56	984.09	1.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	10-1	972.69	1002.68	1010.91	995.43	2.02	ppb
Boron	11-1	979.72	998.39	984.47	987.53	0.98	ppb
Bromine	81-1						cps
Cadmium	111-1	1011.11	1004.87	968.52	994.83	2.31	ppb
Cadmium	106-1	990.30	1004.94	972.09	989.11	1.66	ppb
Cadmium	108-1	986.58	1006.66	980.87	991.37	1.37	ppb
Calcium	43-1	107128.94	107437.07	104107.96	106224.66	1.73	ppb
Calcium	44-1	103852.79	104335.65	101466.95	103218.46	1.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1007.61	988.95	996.00	997.52	0.94	ppb
Cobalt	59-2	1012.97	973.83	984.98	990.60	2.04	ppb
Copper	63-2	10129.01	9871.04	9799.83	9933.29	1.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	53802.94	52407.02	53686.45	53298.81	1.45	ppb
Iron	56-2	52660.69	51486.87	51573.05	51906.87	1.26	ppb
Iron	57-2	54147.67	51465.01	51869.45	52494.04	2.76	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:54:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4916.16	5165.40	4918.11	4999.89	2.87	ppb
Lead	207-1	4937.26	5060.15	4925.25	4974.22	1.50	ppb
Lead	208-1	4961.19	5057.42	4928.16	4982.26	1.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	106146.42	104341.83	101853.09	104113.78	2.07	ppb
Manganese	55-2	10092.23	9860.70	9896.74	9949.89	1.25	ppb
Molybdenum	94-1	4898.33	5072.99	5026.20	4999.17	1.81	ppb
Molybdenum	95-1	4927.02	5077.96	4995.21	5000.06	1.51	ppb
Molybdenum	96-1	4880.54	5139.32	4990.24	5003.37	2.60	ppb
Molybdenum	97-1	4913.13	5103.54	5001.44	5006.04	1.90	ppb
Molybdenum	98-1	4883.14	5118.88	4973.80	4991.94	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1031.12	992.81	985.24	1003.06	2.45	ppb
Phosphorus	31-2	20154.06	19346.68	19986.39	19829.05	2.15	ppb
Potassium	39-2	49895.91	48612.81	48789.12	49099.28	1.42	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	978.70	1005.88	984.02	989.53	1.46	ppb
Selenium	77-2	995.91	998.61	987.10	993.87	0.61	ppb
Selenium	78-2	1008.52	995.95	952.76	985.75	2.97	ppb
Silicon	28-1	975.04	1007.85	977.23	986.71	1.86	ppb
Silver	107-1	989.67	1001.63	980.94	990.75	1.05	ppb
Silver	109-1	994.25	1006.91	978.78	993.31	1.42	ppb
Sodium	23-2	104716.58	101635.66	98181.90	101511.38	3.22	ppb
Strontium	86-1	9843.49	10159.73	10004.97	10002.73	1.58	ppb
Strontium	88-1	9863.26	10120.93	10011.08	9998.43	1.29	ppb
Sulfur	34-1	19978.67	19484.18	19697.44	19720.10	1.26	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	1014.62	1002.83	986.83	1001.43	1.39	ppb
Thallium	205-1	1003.74	1015.28	989.03	1002.68	1.31	ppb
Tin	118-1	982.68	1013.73	981.96	992.79	1.83	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:54:47	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4987.10	5048.48	4885.19	4973.59	1.66	ppb
Uranium	238-1	992.74	1003.81	1004.69	1000.41	0.67	ppb
Vanadium	51-2	999.77	993.89	1001.61	998.42	0.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	10030.94	9827.70	9850.64	9903.09	1.12	ppb
Zirconium	90-1	9916.73	10144.31	9948.95	10003.33	1.23	ppb
Zirconium	91-1	9827.07	9956.42	10070.22	9951.24	1.22	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:57:49	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101786.72	98301.57	98991.22	99693.17	1.85	ppb
Antimony	121-1	0.58	0.59	0.64	0.60	5.68	ppb
Arsenic	75-2	0.35	0.28	0.32	0.31	10.30	ppb
Barium	135-1	2.42	2.23	2.04	2.23	8.42	ppb
Barium	137-1	2.43	2.22	2.22	2.29	5.44	ppb
Beryllium	9-1	0.13	0.10	0.09	0.11	19.44	ppb
Bismuth	209-1				94		%
Bismuth	209-2				90		%
Boron	10-1	91.16	84.98	79.44	85.20	6.88	ppb
Boron	11-1	95.12	88.82	82.28	88.74	7.24	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.43	0.43	0.39	19.06	ppb
Cadmium	106-1	1.38	2.84	3.19	2.47	38.80	ppb
Cadmium	108-1	0.39	0.24	0.35	0.33	22.80	ppb
Calcium	43-1	506586.65	493363.12	494654.59	498201.45	1.46	ppb
Calcium	44-1	503697.44	495808.61	497661.24	499055.76	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.74	1.82	1.69	1.75	3.65	ppb
Cobalt	59-2	2.24	2.19	2.16	2.20	1.84	ppb
Copper	63-2	2.24	2.09	2.06	2.13	4.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	250026.19	250872.59	246191.47	249030.08	1.00	ppb
Iron	56-2	253104.84	250973.17	244091.78	249389.93	1.89	ppb
Iron	57-2	250742.91	249222.35	247743.11	249236.12	0.60	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:57:49	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.58	2.46	2.46	2.50	2.76	ppb
Lead	207-1	2.67	2.57	2.49	2.57	3.39	ppb
Lead	208-1	2.62	2.55	2.48	2.55	2.74	ppb
Lithium	6-1				91		%
Magnesium	24-2	498833.83	500296.02	496980.80	498703.55	0.33	ppb
Manganese	55-2	9.37	9.46	9.47	9.43	0.61	ppb
Molybdenum	94-1	1.56	1.41	1.34	1.44	8.04	ppb
Molybdenum	95-1	1.51	1.34	1.30	1.38	7.90	ppb
Molybdenum	96-1	3.33	3.23	3.21	3.26	2.07	ppb
Molybdenum	97-1	1.51	1.40	1.22	1.37	10.37	ppb
Molybdenum	98-1	1.34	1.27	1.15	1.25	7.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.36	2.50	2.38	2.41	3.20	ppb
Phosphorus	31-2	11.11	12.67	15.02	12.93	15.24	ppb
Potassium	39-2	249771.32	252289.95	248492.38	250184.55	0.77	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.67	1.19	0.81	0.89	30.32	ppb
Selenium	77-2	1.62	1.19	0.29	1.03	66.13	ppb
Selenium	78-2	0.32	0.42	0.44	0.39	16.27	ppb
Silicon	28-1	51.46	54.54	53.21	53.07	2.91	ppb
Silver	107-1	0.66	0.33	0.31	0.43	45.90	ppb
Silver	109-1	0.33	0.31	0.31	0.32	2.95	ppb
Sodium	23-2	500011.33	506624.59	491555.12	499397.01	1.51	ppb
Strontium	86-1	4.60	4.50	4.17	4.42	5.04	ppb
Strontium	88-1	4.50	4.36	4.15	4.34	4.13	ppb
Sulfur	34-1	-1757.63	-1751.22	-1553.09	-1687.32		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.22	0.18	0.18	0.19	13.25	ppb
Thallium	205-1	0.20	0.16	0.14	0.17	15.88	ppb
Tin	118-1	0.40	0.39	0.33	0.37	10.55	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:57:49	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.93	0.78	0.87	0.86	8.82	ppb
Uranium	238-1	0.19	0.16	0.14	0.16	13.35	ppb
Vanadium	51-2	0.12	0.14	0.13	0.13	10.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	14.35	13.96	13.42	13.91	3.37	ppb
Zirconium	90-1	2.95	2.72	2.52	2.73	7.91	ppb
Zirconium	91-1	3.05	2.48	2.78	2.77	10.25	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICV36	Instrumnet Name :	P8
Client Sample ID :	ICV36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 13:37:09	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	556.42	505.84	501.06	521.11	5.89	ppb
Antimony	121-1	201.17	205.92	202.48	203.19	1.21	ppb
Arsenic	75-2	230.69	201.33	204.39	212.13	7.61	ppb
Barium	135-1	99.37	100.01	97.59	98.99	1.27	ppb
Barium	137-1	99.75	103.16	100.17	101.03	1.84	ppb
Beryllium	9-1	101.06	97.69	95.57	98.11	2.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	3.29	2.92	3.00	3.07	6.31	ppb
Boron	11-1	3.08	3.03	3.01	3.04	1.18	ppb
Bromine	81-1						cps
Cadmium	111-1	102.28	105.77	104.38	104.14	1.68	ppb
Cadmium	106-1	94.59	91.16	89.88	91.88	2.65	ppb
Cadmium	108-1	94.44	94.52	91.11	93.36	2.09	ppb
Calcium	43-1	1862.55	1825.06	1879.66	1855.76	1.50	ppb
Calcium	44-1	1958.80	1887.25	1931.32	1925.79	1.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.06	94.50	94.76	98.11	6.14	ppb
Cobalt	59-2	106.68	96.44	95.80	99.64	6.13	ppb
Copper	63-2	106.98	96.40	95.02	99.47	6.58	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				108		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	2268.22	2046.79	2032.97	2115.99	6.24	ppb
Iron	56-2	2234.02	2032.02	2006.01	2090.69	5.97	ppb
Iron	57-2	2157.43	1951.29	1914.86	2007.86	6.51	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICV36	Instrumnet Name :	P8
Client Sample ID :	ICV36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 13:37:09	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	204.00	197.86	204.41	202.09	1.81	ppb
Lead	207-1	200.37	192.72	201.51	198.20	2.41	ppb
Lead	208-1	207.50	202.76	209.23	206.50	1.62	ppb
Lithium	6-1				101		%
Magnesium	24-2	1289.69	1157.29	1156.48	1201.16	6.38	ppb
Manganese	55-2	103.51	94.18	94.16	97.29	5.54	ppb
Molybdenum	94-1	0.06	0.06	0.10	0.07	29.14	ppb
Molybdenum	95-1	0.06	0.07	0.08	0.07	14.94	ppb
Molybdenum	96-1	0.10	0.10	0.10	0.10	0.33	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	4.84	ppb
Molybdenum	98-1	0.09	0.10	0.09	0.09	6.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	123.70	110.60	113.25	115.85	5.98	ppb
Phosphorus	31-2	4.40	5.08	-2.35	2.38	172.75	ppb
Potassium	39-2	2060.04	1868.93	1857.34	1928.77	5.90	ppb
Rhodium	103-1				109		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	213.33	214.45	214.60	214.13	0.32	ppb
Selenium	77-2	223.31	212.68	228.63	221.54	3.67	ppb
Selenium	78-2	238.18	210.41	210.84	219.81	7.24	ppb
Silicon	28-1	5.74	7.09	9.49	7.44	25.49	ppb
Silver	107-1	50.05	51.33	50.40	50.60	1.31	ppb
Silver	109-1	50.30	51.43	50.85	50.86	1.11	ppb
Sodium	23-2	2209.78	2029.71	2007.62	2082.37	5.33	ppb
Strontium	86-1	0.22	0.32	0.30	0.28	17.75	ppb
Strontium	88-1	0.29	0.28	0.29	0.29	1.95	ppb
Sulfur	34-1	-987.24	-1151.68	-1003.35	-1047.42		ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	204.54	210.47	212.46	209.15	1.97	ppb
Thallium	205-1	207.12	205.11	211.01	207.74	1.44	ppb
Tin	118-1	0.04	0.04	0.05	0.04	4.91	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICV36	Instrumnet Name :	P8
Client Sample ID :	ICV36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 13:37:09	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.06	0.02	0.05	42.53	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	103.11	93.63	92.31	96.35	6.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	208.22	189.27	190.83	196.10	5.37	ppb
Zirconium	90-1	0.13	0.14	0.17	0.15	12.68	ppb
Zirconium	91-1	0.57	0.74	0.72	0.68	13.48	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:03:26	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.75	20.24	20.23	20.40	1.46	ppb
Antimony	121-1	1.90	2.14	2.06	2.03	6.07	ppb
Arsenic	75-2	0.95	0.95	0.94	0.95	0.51	ppb
Barium	135-1	9.11	10.66	9.59	9.79	8.11	ppb
Barium	137-1	9.55	10.65	10.22	10.14	5.49	ppb
Beryllium	9-1	0.94	1.03	0.98	0.98	4.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	20.37	24.96	23.50	22.95	10.23	ppb
Boron	11-1	21.71	26.03	24.36	24.03	9.05	ppb
Bromine	81-1						cps
Cadmium	111-1	1.13	1.21	1.12	1.15	4.11	ppb
Cadmium	106-1	3.80	2.78	2.17	2.92	28.20	ppb
Cadmium	108-1	0.77	0.81	0.76	0.78	3.35	ppb
Calcium	43-1	449.31	497.11	469.57	472.00	5.08	ppb
Calcium	44-1	461.68	498.86	473.54	478.03	3.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.88	1.74	1.82	4.15	ppb
Cobalt	59-2	0.95	0.91	0.93	0.93	2.23	ppb
Copper	63-2	1.76	1.69	1.65	1.70	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	54-2	49.78	51.42	50.05	50.42	1.75	ppb
Iron	56-2	49.80	48.38	49.71	49.29	1.61	ppb
Iron	57-2	50.14	48.44	47.17	48.58	3.08	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:03:26	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.87	0.97	0.98	0.94	6.29	ppb
Lead	207-1	0.89	0.95	0.93	0.92	3.42	ppb
Lead	208-1	0.89	1.01	0.95	0.95	6.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	497.44	484.62	475.50	485.85	2.27	ppb
Manganese	55-2	0.95	0.96	0.98	0.96	1.18	ppb
Molybdenum	94-1	4.65	5.01	4.95	4.87	3.97	ppb
Molybdenum	95-1	4.65	5.00	5.06	4.91	4.60	ppb
Molybdenum	96-1	4.50	5.08	4.89	4.83	6.11	ppb
Molybdenum	97-1	4.62	5.31	5.03	4.99	6.94	ppb
Molybdenum	98-1	4.54	5.14	4.93	4.87	6.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.95	0.97	0.96	1.51	ppb
Phosphorus	31-2	0.30	8.65	3.07	4.01	106.00	ppb
Potassium	39-2	470.49	474.23	464.38	469.70	1.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	82-1	5.40	5.83	5.39	5.54	4.59	ppb
Selenium	77-2	5.10	6.69	7.24	6.35	17.56	ppb
Selenium	78-2	5.55	5.25	6.74	5.85	13.54	ppb
Silicon	28-1	9.23	14.09	11.86	11.72	20.74	ppb
Silver	107-1	0.97	1.10	1.06	1.04	6.74	ppb
Silver	109-1	0.91	1.08	0.98	0.99	8.44	ppb
Sodium	23-2	489.58	479.55	487.57	485.56	1.09	ppb
Strontium	86-1	0.97	1.11	1.17	1.08	9.65	ppb
Strontium	88-1	1.02	1.15	1.10	1.09	5.79	ppb
Sulfur	34-1	-449.02	103.91	-324.70	-223.27		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.88	0.96	0.91	0.91	4.12	ppb
Thallium	205-1	0.87	0.91	0.90	0.90	2.72	ppb
Tin	118-1	4.69	5.23	4.97	4.96	5.36	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:03:26	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.65	5.09	4.76	4.83	4.78	ppb
Uranium	238-1	0.85	0.96	0.88	0.90	6.17	ppb
Vanadium	51-2	4.59	4.61	4.61	4.61	0.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	2.27	2.06	1.99	2.11	7.06	ppb
Zirconium	90-1	8.65	9.73	9.19	9.19	5.86	ppb
Zirconium	91-1	8.78	9.73	9.93	9.48	6.49	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICB36	Instrumnet Name :	P8
Client Sample ID :	ICB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:06:29	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.22	-0.29	0.07	-0.14		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	271.79	ppb
Arsenic	75-2	-0.02	-0.03	-0.03	-0.03		ppb
Barium	135-1	0.01	0.01	0.00	0.01	90.41	ppb
Barium	137-1	0.01	0.01	0.02	0.01	30.97	ppb
Beryllium	9-1	-0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	3.49	3.42	3.27	3.39	3.34	ppb
Boron	11-1	3.34	3.18	3.39	3.30	3.39	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	0.08	0.14	0.09	40.96	ppb
Cadmium	106-1	0.89	0.93	1.99	1.27	48.81	ppb
Cadmium	108-1	-0.21	-0.19	-0.15	-0.18		ppb
Calcium	43-1	0.67	1.54	1.96	1.39	47.15	ppb
Calcium	44-1	1.26	3.06	2.05	2.12	42.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.01	0.06	0.03	72.76	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	30.08	ppb
Copper	63-2	0.01	0.03	0.03	0.02	51.14	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				107		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	54-2	0.27	1.03	-0.04	0.42	130.38	ppb
Iron	56-2	0.56	0.39	0.25	0.40	39.17	ppb
Iron	57-2	1.16	1.01	1.16	1.11	7.95	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICB36	Instrumnet Name :	P8
Client Sample ID :	ICB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:06:29	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.04	17.44	ppb
Lead	207-1	0.02	0.01	0.01	0.01	38.63	ppb
Lead	208-1	0.03	0.02	0.02	0.03	19.73	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.55	0.71	1.48	0.92	54.39	ppb
Manganese	55-2	0.10	0.06	0.04	0.06	43.63	ppb
Molybdenum	94-1	0.02	0.00	0.01	0.01	113.65	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	54.55	ppb
Molybdenum	96-1	0.02	0.00	0.00	0.01	121.82	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	164.70	ppb
Molybdenum	98-1	0.02	0.01	0.00	0.01	107.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.01	0.02	0.02	29.12	ppb
Phosphorus	31-2	2.02	-1.07	5.10	2.02	152.90	ppb
Potassium	39-2	0.83	2.48	6.08	3.13	85.78	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	82-1	0.45	0.14	-0.48	0.04	1289.72	ppb
Selenium	77-2	-0.15	-0.15	0.72	0.14	367.05	ppb
Selenium	78-2	0.27	0.67	0.42	0.45	44.51	ppb
Silicon	28-1	-2.61	-0.18	-1.55	-1.45		ppb
Silver	107-1	0.01	0.01	0.00	0.01	45.08	ppb
Silver	109-1	0.01	0.01	0.01	0.01	27.07	ppb
Sodium	23-2	3.11	3.22	6.04	4.12	40.28	ppb
Strontium	86-1	-0.01	0.00	0.02	0.00	324.82	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	16.32	ppb
Sulfur	34-1	-523.67	-173.72	-333.23	-343.54		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	-0.02	-0.01	-0.04	-0.02		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICB36	Instrumnet Name :	P8
Client Sample ID :	ICB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:06:29	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.03	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	74.82	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	0.39	0.61	0.56	0.52	21.99	ppb
Zirconium	90-1	0.08	-0.11	0.00	-0.01		ppb
Zirconium	91-1	0.04	0.10	0.07	0.07	48.10	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSA36	Instrumnet Name :	P8
Client Sample ID :	ICSA36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:09:30	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99332.03	98235.14	97519.58	98362.25	0.93	ppb
Antimony	121-1	1.08	1.11	1.13	1.11	2.07	ppb
Arsenic	75-2	0.28	0.23	0.24	0.25	10.07	ppb
Barium	135-1	1.44	1.50	1.34	1.43	5.49	ppb
Barium	137-1	1.43	1.55	1.34	1.44	7.28	ppb
Beryllium	9-1	0.25	0.28	0.25	0.26	5.73	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	2.95	3.08	2.82	2.95	4.40	ppb
Boron	11-1	3.05	3.06	3.04	3.05	0.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.33	0.34	0.35	0.34	2.65	ppb
Cadmium	106-1	-0.28	-1.45	-0.19	-0.64		ppb
Cadmium	108-1	10.11	10.29	10.09	10.16	1.05	ppb
Calcium	43-1	94290.56	96777.07	94745.71	95271.12	1.39	ppb
Calcium	44-1	96167.45	97344.40	96599.62	96703.82	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.09	18.85	18.78	18.91	0.89	ppb
Cobalt	59-2	1.08	1.10	1.10	1.09	0.92	ppb
Copper	63-2	7.04	7.17	7.06	7.09	1.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	103684.86	101029.34	102447.29	102387.16	1.30	ppb
Iron	56-2	101738.04	101513.97	101773.49	101675.16	0.14	ppb
Iron	57-2	102441.11	103142.23	99618.03	101733.79	1.83	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSA36	Instrumnet Name :	P8
Client Sample ID :	ICSA36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:09:30	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.43	4.52	4.52	4.49	1.11	ppb
Lead	207-1	4.17	4.40	4.21	4.26	2.97	ppb
Lead	208-1	4.30	4.35	4.36	4.34	0.75	ppb
Lithium	6-1				99		%
Magnesium	24-2	98851.41	99641.84	99063.86	99185.70	0.41	ppb
Manganese	55-2	7.21	7.34	7.17	7.24	1.23	ppb
Molybdenum	94-1	1282.47	1344.16	1301.19	1309.28	2.42	ppb
Molybdenum	95-1	1859.93	1949.26	1860.60	1889.93	2.72	ppb
Molybdenum	96-1	1803.62	1849.24	1794.01	1815.62	1.63	ppb
Molybdenum	97-1	1880.93	1920.62	1902.65	1901.40	1.05	ppb
Molybdenum	98-1	1875.49	1913.25	1880.38	1889.71	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.29	5.21	5.10	5.20	1.83	ppb
Phosphorus	31-2	98994.38	97867.10	98657.89	98506.46	0.59	ppb
Potassium	39-2	96746.58	94248.09	95531.97	95508.88	1.31	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				103		%
Selenium	82-1	0.09	0.39	0.24	0.24	62.27	ppb
Selenium	77-2	0.29	1.18	-0.15	0.44	155.04	ppb
Selenium	78-2	0.74	-0.20	0.79	0.44	126.29	ppb
Silicon	28-1	24.16	23.88	25.54	24.53	3.61	ppb
Silver	107-1	0.03	0.03	0.04	0.03	14.87	ppb
Silver	109-1	0.04	0.03	0.03	0.03	22.22	ppb
Sodium	23-2	101850.03	100409.55	100993.02	101084.20	0.72	ppb
Strontium	86-1	32.82	33.52	32.92	33.09	1.14	ppb
Strontium	88-1	33.42	34.16	33.35	33.64	1.34	ppb
Sulfur	34-1	106470.03	104484.39	106110.45	105688.29	1.00	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	0.01	-0.01	0.00	0.00	355.47	ppb
Thallium	205-1	0.00	0.01	0.02	0.01	119.67	ppb
Tin	118-1	0.31	0.18	0.18	0.22	33.73	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSA36	Instrumnet Name :	P8
Client Sample ID :	ICSA36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:09:30	DataFile Name :	018ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1969.74	1962.15	1918.41	1950.10	1.42	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.51	ppb
Vanadium	51-2	0.16	0.14	0.14	0.15	7.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	10.80	10.89	10.36	10.68	2.67	ppb
Zirconium	90-1	0.26	0.20	0.19	0.21	16.54	ppb
Zirconium	91-1	0.27	0.40	0.41	0.36	21.93	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSAB36	Instrumnet Name :	P8
Client Sample ID :	ICSAB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:12:26	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	95704.57	97557.02	97683.62	96981.74	1.14	ppb
Antimony	121-1	20.85	19.88	19.86	20.20	2.80	ppb
Arsenic	75-2	19.78	19.64	19.67	19.70	0.36	ppb
Barium	135-1	21.12	20.54	19.92	20.53	2.93	ppb
Barium	137-1	21.18	20.17	20.84	20.73	2.48	ppb
Beryllium	9-1	19.67	19.83	19.71	19.74	0.41	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	49.11	52.06	52.55	51.24	3.63	ppb
Boron	11-1	52.03	54.20	56.82	54.35	4.42	ppb
Bromine	81-1						cps
Cadmium	111-1	19.84	19.04	19.42	19.43	2.07	ppb
Cadmium	106-1	24.78	24.40	22.79	23.99	4.41	ppb
Cadmium	108-1	30.05	29.99	30.33	30.12	0.60	ppb
Calcium	43-1	94651.10	96887.23	92753.91	94764.08	2.18	ppb
Calcium	44-1	95846.52	95646.64	92936.29	94809.82	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	36.30	37.35	36.89	36.85	1.43	ppb
Cobalt	59-2	19.57	19.64	19.57	19.59	0.21	ppb
Copper	63-2	24.52	25.61	25.36	25.16	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	97886.74	101862.85	100310.83	100020.14	2.00	ppb
Iron	56-2	98137.69	99812.65	99361.69	99104.01	0.87	ppb
Iron	57-2	98492.61	99777.56	100595.10	99621.76	1.06	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSAB36	Instrumnet Name :	P8
Client Sample ID :	ICSAB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:12:26	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.28	22.42	22.56	22.76	2.03	ppb
Lead	207-1	22.46	21.86	21.93	22.08	1.49	ppb
Lead	208-1	22.62	22.09	22.19	22.30	1.25	ppb
Lithium	6-1				101		%
Magnesium	24-2	97287.59	97284.37	99570.76	98047.57	1.35	ppb
Manganese	55-2	25.08	25.59	25.11	25.26	1.13	ppb
Molybdenum	94-1	1458.25	1398.51	1383.54	1413.43	2.80	ppb
Molybdenum	95-1	2012.58	1895.82	1911.59	1940.00	3.27	ppb
Molybdenum	96-1	1968.97	1850.02	1827.13	1882.04	4.05	ppb
Molybdenum	97-1	2010.41	1917.97	1937.93	1955.43	2.49	ppb
Molybdenum	98-1	1990.44	1919.09	1923.89	1944.47	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22.98	23.42	23.48	23.29	1.16	ppb
Phosphorus	31-2	94113.05	97951.67	96434.19	96166.30	2.01	ppb
Potassium	39-2	94080.62	91961.72	92158.95	92733.77	1.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				106		%
Selenium	82-1	19.78	19.55	19.41	19.58	0.96	ppb
Selenium	77-2	17.89	19.32	20.35	19.19	6.46	ppb
Selenium	78-2	20.06	19.38	20.66	20.03	3.18	ppb
Silicon	28-1	68.64	65.05	64.79	66.16	3.25	ppb
Silver	107-1	18.71	17.76	18.55	18.34	2.77	ppb
Silver	109-1	18.49	17.81	17.99	18.09	1.94	ppb
Sodium	23-2	101241.94	98673.45	100955.21	100290.20	1.40	ppb
Strontium	86-1	84.75	81.03	80.59	82.12	2.79	ppb
Strontium	88-1	87.27	83.68	83.70	84.88	2.44	ppb
Sulfur	34-1	106556.88	102528.96	99760.85	102948.90	3.32	ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	18.89	18.57	18.59	18.68	0.97	ppb
Thallium	205-1	19.31	18.72	18.82	18.95	1.67	ppb
Tin	118-1	50.38	47.73	48.38	48.83	2.83	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSAB36	Instrumnet Name :	P8
Client Sample ID :	ICSAB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:12:26	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2011.61	1988.12	1900.61	1966.78	2.97	ppb
Uranium	238-1	47.67	46.89	46.88	47.15	0.96	ppb
Vanadium	51-2	18.46	18.80	18.86	18.71	1.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	28.51	28.79	29.23	28.84	1.26	ppb
Zirconium	90-1	487.13	484.72	476.72	482.85	1.13	ppb
Zirconium	91-1	503.45	473.60	474.30	483.78	3.52	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:18:14	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50395.31	49963.08	49698.30	50018.90	0.70	ppb
Antimony	121-1	484.97	492.19	480.13	485.77	1.25	ppb
Arsenic	75-2	500.70	493.66	487.01	493.79	1.39	ppb
Barium	135-1	2428.95	2490.71	2451.08	2456.92	1.27	ppb
Barium	137-1	2430.94	2508.48	2468.76	2469.39	1.57	ppb
Beryllium	9-1	476.33	489.32	501.97	489.21	2.62	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	483.01	515.98	522.44	507.14	4.17	ppb
Boron	11-1	480.92	506.56	522.15	503.21	4.14	ppb
Bromine	81-1						cps
Cadmium	111-1	472.44	483.26	476.44	477.38	1.15	ppb
Cadmium	106-1	501.17	505.54	490.68	499.13	1.53	ppb
Cadmium	108-1	478.93	489.43	480.69	483.02	1.16	ppb
Calcium	43-1	239479.55	239408.06	241898.24	240261.95	0.59	ppb
Calcium	44-1	236701.15	239132.97	242083.27	239305.80	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	477.49	496.27	488.45	487.40	1.94	ppb
Cobalt	59-2	480.98	488.73	482.50	484.07	0.85	ppb
Copper	63-2	4573.34	4739.75	4662.73	4658.61	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	54-2	121038.81	125986.23	123502.50	123509.18	2.00	ppb
Iron	56-2	123633.05	125795.05	123097.23	124175.11	1.15	ppb
Iron	57-2	122812.73	128398.16	124515.69	125242.19	2.29	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:18:14	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2488.58	2485.22	2444.01	2472.60	1.00	ppb
Lead	207-1	2493.93	2447.80	2415.02	2452.25	1.62	ppb
Lead	208-1	2501.98	2469.89	2438.28	2470.05	1.29	ppb
Lithium	6-1				103		%
Magnesium	24-2	252053.60	253637.90	249127.79	251606.43	0.91	ppb
Manganese	55-2	4785.09	4895.38	4736.39	4805.62	1.70	ppb
Molybdenum	94-1	2465.05	2370.52	2501.13	2445.56	2.76	ppb
Molybdenum	95-1	2450.58	2405.15	2478.72	2444.82	1.52	ppb
Molybdenum	96-1	2466.06	2414.08	2452.70	2444.28	1.10	ppb
Molybdenum	97-1	2463.19	2371.94	2449.65	2428.26	2.03	ppb
Molybdenum	98-1	2457.38	2406.58	2439.58	2434.52	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	452.80	463.18	452.10	456.03	1.36	ppb
Phosphorus	31-2	9969.24	9814.17	9570.57	9784.66	2.05	ppb
Potassium	39-2	120237.83	123069.43	122563.76	121957.00	1.24	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				113		%
Scandium	45-2				108		%
Selenium	82-1	478.63	467.27	481.37	475.75	1.57	ppb
Selenium	77-2	453.68	489.00	470.64	471.11	3.75	ppb
Selenium	78-2	489.04	492.51	479.32	486.96	1.40	ppb
Silicon	28-1	578.84	597.93	630.61	602.46	4.35	ppb
Silver	107-1	489.13	495.64	484.01	489.59	1.19	ppb
Silver	109-1	468.50	481.19	473.94	474.54	1.34	ppb
Sodium	23-2	247879.12	254741.77	254385.47	252335.46	1.53	ppb
Strontium	86-1	4855.62	4897.07	4916.26	4889.65	0.63	ppb
Strontium	88-1	4888.81	4899.12	4908.56	4898.83	0.20	ppb
Sulfur	34-1	9375.79	9197.10	9308.85	9293.91	0.97	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	481.63	487.12	489.82	486.19	0.86	ppb
Thallium	205-1	490.52	490.44	481.60	487.52	1.05	ppb
Tin	118-1	485.79	491.58	492.17	489.85	0.72	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:18:14	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2407.38	2444.85	2444.41	2432.21	0.88	ppb
Uranium	238-1	497.01	495.50	499.77	497.43	0.44	ppb
Vanadium	51-2	485.55	506.36	499.66	497.19	2.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				105		%
Zinc	66-2	4526.15	4643.96	4616.14	4595.42	1.34	ppb
Zirconium	90-1	4951.07	4755.98	4920.41	4875.82	2.15	ppb
Zirconium	91-1	4898.37	4917.58	5030.98	4948.98	1.45	ppb

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : CCB34 Instrumnet Name : P8
 Client Sample ID : CCB34 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 14:25:14 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	0.29	0.48	0.33	38.70	ppb
Antimony	121-1	0.04	0.06	0.07	0.06	32.45	ppb
Arsenic	75-2	-0.04	-0.02	-0.03	-0.03		ppb
Barium	135-1	0.00	0.00	0.02	0.01	142.35	ppb
Barium	137-1	0.02	0.03	0.02	0.02	30.62	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				110		%
Bismuth	209-2				103		%
Boron	10-1	15.86	15.49	15.57	15.64	1.24	ppb
Boron	11-1	16.58	16.72	16.06	16.45	2.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.09	0.15	0.12	27.00	ppb
Cadmium	106-1	1.59	0.85	1.91	1.45	37.66	ppb
Cadmium	108-1	-0.16	-0.19	-0.13	-0.16		ppb
Calcium	43-1	2.25	2.92	2.00	2.39	19.85	ppb
Calcium	44-1	8.57	9.73	10.07	9.45	8.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.03	0.04	0.04	24.26	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	152.57	ppb
Copper	63-2	0.06	0.07	0.06	0.06	12.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				104		%
Iron	54-2	1.41	0.62	1.43	1.15	39.77	ppb
Iron	56-2	1.15	1.04	1.24	1.14	8.45	ppb
Iron	57-2	1.98	0.83	1.79	1.53	40.02	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:25:14	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.09	0.09	2.46	ppb
Lead	207-1	0.06	0.06	0.08	0.06	14.64	ppb
Lead	208-1	0.08	0.07	0.08	0.08	5.10	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.59	2.16	1.82	1.86	15.43	ppb
Manganese	55-2	0.08	0.09	0.14	0.10	33.85	ppb
Molybdenum	94-1	0.04	0.04	0.04	0.04	10.08	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	20.31	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	12.79	ppb
Molybdenum	97-1	0.09	0.04	0.04	0.06	44.96	ppb
Molybdenum	98-1	0.08	0.06	0.04	0.06	36.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.04	0.03	0.03	63.74	ppb
Phosphorus	31-2	5.05	-2.33	5.14	2.62	163.79	ppb
Potassium	39-2	17.18	16.08	16.56	16.60	3.32	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				105		%
Selenium	82-1	0.39	0.13	-0.33	0.06	587.53	ppb
Selenium	77-2	-0.15	0.28	0.72	0.28	155.10	ppb
Selenium	78-2	0.83	0.31	0.07	0.40	96.42	ppb
Silicon	28-1	-4.54	-4.15	-2.76	-3.82		ppb
Silver	107-1	0.02	0.02	0.03	0.02	12.24	ppb
Silver	109-1	0.01	0.02	0.02	0.02	27.25	ppb
Sodium	23-2	21.67	22.36	22.86	22.30	2.68	ppb
Strontium	86-1	0.02	0.03	0.00	0.02	89.60	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	3.08	ppb
Sulfur	34-1	-1732.32	-1485.12	-1434.67	-1550.70		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.06	0.05	26.76	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	8.97	ppb
Tin	118-1	-0.03	-0.01	-0.03	-0.03		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:25:14	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.01	-0.05	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	18.02	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	330.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	0.42	0.56	0.66	0.55	22.01	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	36.87	ppb
Zirconium	91-1	0.19	0.04	0.00	0.07	136.89	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:28:14	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.90	24.71	21.13	22.25	9.60	ppb
Antimony	121-1	1.90	1.94	1.94	1.93	1.17	ppb
Arsenic	75-2	0.93	1.12	0.97	1.01	10.16	ppb
Barium	135-1	9.64	9.75	9.61	9.67	0.72	ppb
Barium	137-1	9.70	9.69	9.70	9.69	0.07	ppb
Beryllium	9-1	0.91	0.97	0.96	0.95	3.07	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	29.03	31.93	30.90	30.62	4.81	ppb
Boron	11-1	30.99	32.69	32.28	31.99	2.77	ppb
Bromine	81-1						cps
Cadmium	111-1	1.10	1.06	1.02	1.06	3.69	ppb
Cadmium	106-1	2.99	2.06	2.84	2.63	18.87	ppb
Cadmium	108-1	1.04	0.80	1.01	0.95	13.95	ppb
Calcium	43-1	467.80	460.02	464.09	463.97	0.84	ppb
Calcium	44-1	475.63	464.21	474.24	471.36	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.91	2.14	1.89	1.98	7.00	ppb
Cobalt	59-2	0.96	1.03	0.93	0.97	5.05	ppb
Copper	63-2	1.76	2.05	1.81	1.87	8.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				101		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	52.09	60.49	53.63	55.40	8.07	ppb
Iron	56-2	51.18	57.87	50.86	53.30	7.42	ppb
Iron	57-2	49.16	64.09	50.61	54.62	15.07	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:28:14	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.92	0.87	0.98	0.92	5.87	ppb
Lead	207-1	0.98	0.91	0.97	0.95	4.15	ppb
Lead	208-1	0.96	0.94	0.98	0.96	1.69	ppb
Lithium	6-1				106		%
Magnesium	24-2	494.49	561.01	496.08	517.19	7.34	ppb
Manganese	55-2	0.99	1.11	0.97	1.02	7.52	ppb
Molybdenum	94-1	4.46	4.70	4.72	4.63	3.17	ppb
Molybdenum	95-1	4.74	4.80	4.79	4.78	0.64	ppb
Molybdenum	96-1	4.51	4.79	4.82	4.71	3.64	ppb
Molybdenum	97-1	4.72	4.93	4.80	4.82	2.15	ppb
Molybdenum	98-1	4.65	4.87	4.89	4.80	2.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.08	0.96	1.01	5.89	ppb
Phosphorus	31-2	-7.14	1.28	-7.02	-4.30		ppb
Potassium	39-2	476.34	546.22	467.12	496.56	8.71	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	82-1	4.72	5.51	5.20	5.14	7.67	ppb
Selenium	77-2	3.65	4.22	3.74	3.87	7.90	ppb
Selenium	78-2	5.33	6.28	5.30	5.64	9.85	ppb
Silicon	28-1	7.39	7.07	8.24	7.57	7.99	ppb
Silver	107-1	0.99	0.94	0.96	0.97	2.39	ppb
Silver	109-1	0.98	0.91	0.98	0.96	4.17	ppb
Sodium	23-2	503.18	578.60	507.97	529.92	7.97	ppb
Strontium	86-1	0.99	1.07	1.04	1.04	3.96	ppb
Strontium	88-1	1.03	1.03	1.02	1.03	0.50	ppb
Sulfur	34-1	-1261.51	-1451.57	-1368.35	-1360.48		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.88	0.91	0.96	0.92	4.12	ppb
Thallium	205-1	0.93	0.92	0.94	0.93	1.58	ppb
Tin	118-1	4.84	4.66	4.68	4.73	2.09	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:28:14	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.89	4.72	4.39	4.67	5.37	ppb
Uranium	238-1	0.87	0.85	0.83	0.85	1.92	ppb
Vanadium	51-2	4.74	5.24	4.70	4.89	6.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				102		%
Zinc	66-2	2.09	2.49	2.07	2.22	10.57	ppb
Zirconium	90-1	8.61	8.90	9.14	8.88	3.00	ppb
Zirconium	91-1	9.01	9.79	8.97	9.26	5.00	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:46:39	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	377.26	381.58	385.44	381.43	1.07	ppb
Antimony	121-1	0.27	0.26	0.24	0.26	5.81	ppb
Arsenic	75-2	6.49	6.67	6.72	6.63	1.80	ppb
Barium	135-1	85.94	85.25	84.03	85.07	1.14	ppb
Barium	137-1	88.19	89.40	86.32	87.97	1.76	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	9.84	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	83.95	86.93	89.91	86.93	3.42	ppb
Boron	11-1	89.89	93.86	96.91	93.55	3.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.09	0.10	0.10	13.49	ppb
Cadmium	106-1	1.51	1.03	1.27	1.27	19.21	ppb
Cadmium	108-1	-0.09	-0.06	-0.01	-0.05		ppb
Calcium	43-1	24467.96	24482.25	24973.62	24641.28	1.17	ppb
Calcium	44-1	24767.22	24702.47	24340.37	24603.35	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.25	1.33	1.17	1.25	6.14	ppb
Cobalt	59-2	1.57	1.49	1.49	1.52	3.09	ppb
Copper	63-2	2.77	2.79	2.83	2.80	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				109		%
Iron	54-2	13374.81	13331.38	13274.49	13326.89	0.38	ppb
Iron	56-2	12929.99	12939.09	12885.34	12918.14	0.22	ppb
Iron	57-2	12436.26	12477.22	12459.74	12457.74	0.16	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:46:39	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.50	1.70	1.61	1.60	6.00	ppb
Lead	207-1	1.62	1.53	1.52	1.56	3.43	ppb
Lead	208-1	1.58	1.64	1.58	1.60	2.23	ppb
Lithium	6-1				104		%
Magnesium	24-2	8564.80	8728.23	8500.36	8597.80	1.37	ppb
Manganese	55-2	1477.00	1507.42	1531.08	1505.16	1.80	ppb
Molybdenum	94-1	1.14	1.15	0.98	1.09	8.79	ppb
Molybdenum	95-1	1.16	1.15	1.05	1.12	5.62	ppb
Molybdenum	96-1	1.21	1.20	1.16	1.19	2.31	ppb
Molybdenum	97-1	1.19	1.04	1.11	1.11	6.62	ppb
Molybdenum	98-1	1.12	1.13	1.08	1.11	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.57	4.75	4.63	4.65	2.03	ppb
Phosphorus	31-2	164.23	165.98	172.23	167.48	2.51	ppb
Potassium	39-2	4825.17	4834.22	4713.23	4790.87	1.41	ppb
Rhodium	103-1				111		%
Rhodium	103-2				107		%
Scandium	45-1				115		%
Scandium	45-2				111		%
Selenium	82-1	0.29	0.78	0.35	0.48	56.11	ppb
Selenium	77-2	0.25	1.09	-0.15	0.40	160.23	ppb
Selenium	78-2	0.79	0.51	0.91	0.74	28.40	ppb
Silicon	28-1	5649.97	5677.82	5746.14	5691.31	0.87	ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.32	ppb
Silver	109-1	0.04	0.03	0.03	0.03	10.61	ppb
Sodium	23-2	23977.31	24006.94	23584.61	23856.29	0.99	ppb
Strontium	86-1	113.18	115.25	104.57	111.00	5.11	ppb
Strontium	88-1	113.68	116.17	109.67	113.17	2.90	ppb
Sulfur	34-1	24088.67	24852.24	24076.00	24338.97	1.83	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.08	0.07	0.04	0.06	29.59	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:46:39	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11.04	10.12	12.36	11.17	10.08	ppb
Uranium	238-1	0.08	0.09	0.07	0.08	9.55	ppb
Vanadium	51-2	1.83	1.87	1.89	1.86	1.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	25.59	25.71	24.75	25.35	2.07	ppb
Zirconium	90-1	1.60	2.53	1.48	1.87	30.75	ppb
Zirconium	91-1	1.55	1.86	1.70	1.70	9.11	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:49:33	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	199.89	200.27	204.90	201.68	1.38	ppb
Antimony	121-1	0.19	0.20	0.15	0.18	13.60	ppb
Arsenic	75-2	1.06	0.92	1.02	1.00	6.85	ppb
Barium	135-1	49.79	47.64	46.68	48.03	3.31	ppb
Barium	137-1	50.69	49.08	47.65	49.14	3.10	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	33.01	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	74.12	75.53	74.16	74.61	1.08	ppb
Boron	11-1	79.63	80.36	78.96	79.65	0.88	ppb
Bromine	81-1						cps
Cadmium	111-1	0.09	0.14	0.09	0.10	28.13	ppb
Cadmium	106-1	1.15	1.83	0.88	1.29	37.79	ppb
Cadmium	108-1	-0.05	-0.08	-0.12	-0.08		ppb
Calcium	43-1	23996.10	22453.81	22378.15	22942.69	3.98	ppb
Calcium	44-1	24103.31	23087.69	22835.54	23342.18	2.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.79	0.78	0.76	0.78	2.52	ppb
Cobalt	59-2	0.32	0.29	0.31	0.31	5.13	ppb
Copper	63-2	3.59	3.49	3.47	3.52	1.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	864.46	866.18	859.81	863.48	0.38	ppb
Iron	56-2	894.70	896.44	882.97	891.37	0.82	ppb
Iron	57-2	888.35	858.67	858.47	868.50	1.98	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:49:33	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.58	0.60	0.56	0.58	3.12	ppb
Lead	207-1	0.52	0.51	0.51	0.51	1.49	ppb
Lead	208-1	0.56	0.55	0.54	0.55	1.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	9175.51	9036.61	9091.59	9101.24	0.77	ppb
Manganese	55-2	135.46	135.52	134.05	135.01	0.61	ppb
Molybdenum	94-1	1.10	0.93	1.04	1.02	8.32	ppb
Molybdenum	95-1	1.29	1.13	1.13	1.19	7.62	ppb
Molybdenum	96-1	1.17	1.18	1.11	1.15	3.51	ppb
Molybdenum	97-1	1.18	1.13	1.18	1.16	2.36	ppb
Molybdenum	98-1	1.27	1.13	1.18	1.19	5.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.27	1.22	1.27	3.31	ppb
Phosphorus	31-2	374.25	315.79	354.84	348.29	8.55	ppb
Potassium	39-2	3299.42	3222.55	3216.32	3246.10	1.43	ppb
Rhodium	103-1				109		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	82-1	0.04	0.35	0.14	0.17	91.58	ppb
Selenium	77-2	1.11	0.27	0.70	0.69	60.01	ppb
Selenium	78-2	0.73	0.50	1.17	0.80	42.30	ppb
Silicon	28-1	5181.99	4689.07	4609.33	4826.80	6.43	ppb
Silver	107-1	0.02	0.03	0.01	0.02	40.72	ppb
Silver	109-1	0.01	0.01	0.02	0.02	18.56	ppb
Sodium	23-2	30233.02	29625.74	29829.29	29896.02	1.03	ppb
Strontium	86-1	137.52	130.18	129.90	132.53	3.26	ppb
Strontium	88-1	139.31	133.99	132.25	135.19	2.72	ppb
Sulfur	34-1	8929.01	7711.20	7419.01	8019.74	9.99	ppb
Terbium	159-1				110		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.13	0.11	0.07	0.11	27.15	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:49:33	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	7.29	5.72	5.97	6.32	13.37	ppb
Uranium	238-1	0.17	0.16	0.15	0.16	5.89	ppb
Vanadium	51-2	1.21	1.16	1.20	1.19	2.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				107		%
Zinc	66-2	23.92	23.04	22.47	23.15	3.15	ppb
Zirconium	90-1	0.99	1.96	1.01	1.32	41.87	ppb
Zirconium	91-1	1.44	0.83	0.95	1.07	29.85	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:52:31	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	206.05	206.46	207.71	206.74	0.42	ppb
Antimony	121-1	0.18	0.18	0.18	0.18	1.94	ppb
Arsenic	75-2	1.07	1.19	1.06	1.11	6.71	ppb
Barium	135-1	47.09	47.41	48.24	47.58	1.25	ppb
Barium	137-1	48.45	47.10	49.04	48.19	2.06	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	33.77	ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	69.97	74.90	74.50	73.12	3.75	ppb
Boron	11-1	75.58	80.90	80.00	78.82	3.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.16	0.10	-0.03	0.08	122.58	ppb
Cadmium	106-1	2.23	1.07	-0.44	0.95	140.37	ppb
Cadmium	108-1	-0.06	-0.02	-0.12	-0.07		ppb
Calcium	43-1	22367.51	22950.43	22773.36	22697.10	1.32	ppb
Calcium	44-1	23164.16	23095.91	23010.77	23090.28	0.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.88	0.75	0.78	0.81	8.64	ppb
Cobalt	59-2	0.30	0.30	0.29	0.30	2.80	ppb
Copper	63-2	3.52	3.51	3.47	3.50	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	54-2	857.22	878.76	858.37	864.79	1.40	ppb
Iron	56-2	906.05	928.08	924.06	919.40	1.28	ppb
Iron	57-2	870.64	873.97	869.31	871.31	0.28	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:52:31	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.55	0.54	0.51	0.53	4.43	ppb
Lead	207-1	0.49	0.52	0.50	0.50	2.34	ppb
Lead	208-1	0.52	0.52	0.53	0.52	0.59	ppb
Lithium	6-1				104		%
Magnesium	24-2	9265.16	8999.45	9049.01	9104.54	1.55	ppb
Manganese	55-2	136.95	135.46	135.84	136.08	0.57	ppb
Molybdenum	94-1	0.99	0.88	0.95	0.94	6.35	ppb
Molybdenum	95-1	1.13	1.12	1.13	1.13	0.68	ppb
Molybdenum	96-1	1.15	1.13	1.15	1.15	0.91	ppb
Molybdenum	97-1	1.06	1.19	1.12	1.12	5.90	ppb
Molybdenum	98-1	1.18	1.21	1.15	1.18	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.20	1.32	1.27	5.16	ppb
Phosphorus	31-2	404.86	365.79	319.39	363.35	11.78	ppb
Potassium	39-2	3241.44	3252.56	3252.07	3248.69	0.19	ppb
Rhodium	103-1				110		%
Rhodium	103-2				105		%
Scandium	45-1				111		%
Scandium	45-2				109		%
Selenium	82-1	0.28	0.12	0.80	0.40	88.44	ppb
Selenium	77-2	-0.15	1.99	0.27	0.70	161.55	ppb
Selenium	78-2	1.04	1.05	0.41	0.83	44.10	ppb
Silicon	28-1	4755.17	4837.09	4894.65	4828.97	1.45	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.83	ppb
Silver	109-1	0.01	0.02	0.01	0.01	24.03	ppb
Sodium	23-2	29873.83	29911.55	29771.25	29852.21	0.24	ppb
Strontium	86-1	129.67	127.94	128.25	128.62	0.72	ppb
Strontium	88-1	133.70	132.45	130.93	132.36	1.05	ppb
Sulfur	34-1	6821.15	7609.03	7458.66	7296.28	5.73	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.02		ppb
Tin	118-1	0.09	0.10	0.07	0.09	15.87	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:52:31	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.75	6.00	5.66	5.80	3.04	ppb
Uranium	238-1	0.15	0.17	0.17	0.16	5.95	ppb
Vanadium	51-2	1.17	1.22	1.11	1.17	5.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	23.27	23.93	23.95	23.72	1.65	ppb
Zirconium	90-1	0.87	1.58	1.66	1.37	31.63	ppb
Zirconium	91-1	1.01	0.78	1.13	0.97	18.51	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-28 14:55:27	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.72	38.71	40.97	39.46	3.30	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	5.08	ppb
Arsenic	75-2	0.18	0.16	0.21	0.19	14.15	ppb
Barium	135-1	9.78	9.42	9.35	9.52	2.40	ppb
Barium	137-1	10.08	9.63	9.46	9.72	3.27	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	46.37	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	25.36	23.24	23.43	24.01	4.88	ppb
Boron	11-1	26.05	24.32	24.33	24.90	4.00	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.07	0.10	0.08	27.76	ppb
Cadmium	106-1	0.70	0.96	1.22	0.96	27.26	ppb
Cadmium	108-1	-0.18	0.04	-0.25	-0.13		ppb
Calcium	43-1	4579.10	4369.52	4204.54	4384.38	4.28	ppb
Calcium	44-1	4802.67	4526.02	4465.27	4597.99	3.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.19	0.19	0.19	0.19	0.90	ppb
Cobalt	59-2	0.06	0.06	0.07	0.06	6.86	ppb
Copper	63-2	0.71	0.71	0.70	0.71	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	171.29	170.85	168.11	170.09	1.01	ppb
Iron	56-2	171.41	169.52	170.52	170.48	0.56	ppb
Iron	57-2	171.68	171.45	169.98	171.04	0.54	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-28 14:55:27	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.11	0.13	0.13	19.88	ppb
Lead	207-1	0.11	0.11	0.10	0.10	6.99	ppb
Lead	208-1	0.14	0.12	0.13	0.13	8.37	ppb
Lithium	6-1				102		%
Magnesium	24-2	1764.61	1752.62	1776.63	1764.62	0.68	ppb
Manganese	55-2	26.47	26.22	26.30	26.33	0.49	ppb
Molybdenum	94-1	0.25	0.15	0.19	0.20	27.36	ppb
Molybdenum	95-1	0.26	0.25	0.23	0.25	7.27	ppb
Molybdenum	96-1	0.25	0.26	0.24	0.25	5.56	ppb
Molybdenum	97-1	0.24	0.23	0.20	0.22	8.83	ppb
Molybdenum	98-1	0.26	0.23	0.25	0.25	8.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.26	0.23	0.26	11.24	ppb
Phosphorus	31-2	56.97	55.58	60.68	57.75	4.57	ppb
Potassium	39-2	641.85	646.68	648.92	645.82	0.56	ppb
Rhodium	103-1				109		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				108		%
Selenium	82-1	0.22	0.41	0.43	0.35	32.34	ppb
Selenium	77-2	1.15	0.28	-0.15	0.42	156.61	ppb
Selenium	78-2	0.47	0.02	0.07	0.19	132.42	ppb
Silicon	28-1	991.70	926.66	864.88	927.75	6.84	ppb
Silver	107-1	0.01	0.01	0.01	0.01	30.01	ppb
Silver	109-1	0.00	0.01	0.00	0.00	20.72	ppb
Sodium	23-2	5886.27	5959.91	5787.64	5877.94	1.47	ppb
Strontium	86-1	26.84	25.05	25.26	25.72	3.80	ppb
Strontium	88-1	26.66	25.19	24.95	25.60	3.61	ppb
Sulfur	34-1	892.41	444.08	24.30	453.60	95.71	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.02	0.01	-0.01	-0.01		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-28 14:55:27	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.53	1.09	1.24	2.95	105.01	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	10.27	ppb
Vanadium	51-2	0.23	0.25	0.25	0.24	5.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	5.06	4.93	5.09	5.03	1.64	ppb
Zirconium	90-1	0.30	0.24	0.30	0.28	12.48	ppb
Zirconium	91-1	0.33	0.16	0.34	0.28	36.80	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:58:27	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	106.99	116.93	104.73	109.55	5.92	ppb
Antimony	121-1	0.10	0.10	0.10	0.10	2.83	ppb
Arsenic	75-2	0.61	0.63	0.60	0.61	2.76	ppb
Barium	135-1	40.79	40.81	41.18	40.93	0.53	ppb
Barium	137-1	40.52	41.47	41.22	41.07	1.20	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	82.91	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	40.08	41.67	41.79	41.18	2.33	ppb
Boron	11-1	41.99	45.24	44.11	43.78	3.77	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.08	0.09	0.04	194.77	ppb
Cadmium	106-1	-0.77	0.90	1.30	0.48	230.10	ppb
Cadmium	108-1	-0.12	-0.15	-0.12	-0.13		ppb
Calcium	43-1	19832.22	19586.27	19069.38	19495.95	2.00	ppb
Calcium	44-1	20393.92	20394.17	19932.05	20240.05	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.36	0.34	0.50	0.40	21.53	ppb
Cobalt	59-2	0.13	0.14	0.13	0.13	2.08	ppb
Copper	63-2	1.54	1.50	1.57	1.54	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				104		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	54-2	249.92	244.03	256.89	250.28	2.57	ppb
Iron	56-2	246.37	241.70	246.96	245.01	1.18	ppb
Iron	57-2	254.50	238.55	254.99	249.35	3.75	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:58:27	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.26	0.19	0.23	0.23	15.13	ppb
Lead	207-1	0.22	0.16	0.21	0.20	16.05	ppb
Lead	208-1	0.25	0.21	0.22	0.22	9.21	ppb
Lithium	6-1				107		%
Magnesium	24-2	8173.46	8151.64	8042.90	8122.66	0.86	ppb
Manganese	55-2	29.06	28.23	28.63	28.64	1.45	ppb
Molybdenum	94-1	0.35	0.40	0.41	0.39	8.45	ppb
Molybdenum	95-1	0.49	0.51	0.43	0.48	8.54	ppb
Molybdenum	96-1	0.45	0.45	0.40	0.43	6.89	ppb
Molybdenum	97-1	0.46	0.46	0.48	0.47	2.74	ppb
Molybdenum	98-1	0.51	0.40	0.43	0.44	12.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.56	0.58	0.52	0.55	5.97	ppb
Phosphorus	31-2	64.29	52.46	64.89	60.54	11.58	ppb
Potassium	39-2	2416.12	2378.94	2399.92	2398.32	0.78	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	82-1	0.59	0.43	0.11	0.38	64.69	ppb
Selenium	77-2	0.27	0.28	-0.15	0.13	186.54	ppb
Selenium	78-2	0.20	1.05	0.11	0.45	114.71	ppb
Silicon	28-1	4287.61	4186.58	4122.45	4198.88	1.98	ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.07	ppb
Sodium	23-2	24174.34	23193.98	23687.27	23685.20	2.07	ppb
Strontium	86-1	117.97	120.13	111.79	116.63	3.71	ppb
Strontium	88-1	117.83	117.92	116.60	117.45	0.63	ppb
Sulfur	34-1	4347.01	4050.78	3575.52	3991.10	9.75	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.04	-0.03	-0.03		ppb
Tin	118-1	-0.01	-0.02	-0.01	-0.02		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:58:27	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.22	2.83	3.06	3.04	6.46	ppb
Uranium	238-1	0.17	0.17	0.16	0.17	3.51	ppb
Vanadium	51-2	0.89	0.90	0.86	0.89	2.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				106		%
Zinc	66-2	20.20	19.06	19.42	19.56	2.97	ppb
Zirconium	90-1	0.34	0.58	0.46	0.46	25.14	ppb
Zirconium	91-1	0.39	0.29	0.51	0.40	28.29	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:01:24	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93.88	93.62	101.94	96.48	4.90	ppb
Antimony	121-1	0.21	0.20	0.22	0.21	5.30	ppb
Arsenic	75-2	5.93	5.65	6.02	5.87	3.22	ppb
Barium	135-1	63.29	63.31	63.52	63.37	0.20	ppb
Barium	137-1	66.06	65.64	65.97	65.89	0.33	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	29.17	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	77.51	85.42	88.32	83.75	6.68	ppb
Boron	11-1	85.14	92.33	92.66	90.04	4.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.00	0.03	0.03	86.71	ppb
Cadmium	106-1	0.69	0.09	0.36	0.38	78.58	ppb
Cadmium	108-1	-0.08	-0.12	-0.04	-0.08		ppb
Calcium	43-1	21358.80	21667.65	21568.48	21531.64	0.73	ppb
Calcium	44-1	21738.84	21914.81	22344.88	21999.51	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.57	0.64	0.60	6.07	ppb
Cobalt	59-2	0.65	0.66	0.67	0.66	1.47	ppb
Copper	63-2	1.15	1.16	1.28	1.20	5.94	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				113		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	54-2	5795.31	5539.52	5882.90	5739.24	3.11	ppb
Iron	56-2	5949.94	5806.33	6151.03	5969.10	2.90	ppb
Iron	57-2	5664.10	5539.57	5903.12	5702.26	3.24	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:01:24	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.75	0.78	0.79	0.77	3.02	ppb
Lead	207-1	0.76	0.68	0.74	0.73	5.52	ppb
Lead	208-1	0.79	0.75	0.75	0.76	2.63	ppb
Lithium	6-1				102		%
Magnesium	24-2	7387.94	7601.31	7696.17	7561.81	2.09	ppb
Manganese	55-2	985.21	950.72	994.14	976.69	2.35	ppb
Molybdenum	94-1	0.83	0.78	0.83	0.81	3.62	ppb
Molybdenum	95-1	1.09	0.95	1.04	1.03	6.78	ppb
Molybdenum	96-1	1.00	0.94	1.01	0.98	4.15	ppb
Molybdenum	97-1	0.96	0.96	0.99	0.97	2.05	ppb
Molybdenum	98-1	1.02	1.02	1.03	1.02	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.04	2.96	3.12	3.04	2.51	ppb
Phosphorus	31-2	176.39	167.50	148.76	164.22	8.59	ppb
Potassium	39-2	4594.99	4560.98	4681.85	4612.61	1.35	ppb
Rhodium	103-1				111		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				108		%
Selenium	82-1	0.73	0.05	0.54	0.44	79.53	ppb
Selenium	77-2	1.13	-0.15	-0.15	0.27	270.19	ppb
Selenium	78-2	0.24	0.42	0.82	0.49	60.50	ppb
Silicon	28-1	4850.00	4719.81	4799.43	4789.75	1.37	ppb
Silver	107-1	0.01	0.01	0.01	0.01	32.05	ppb
Silver	109-1	0.01	0.01	0.00	0.01	75.61	ppb
Sodium	23-2	21926.48	21436.25	22350.85	21904.52	2.09	ppb
Strontium	86-1	102.83	100.69	105.35	102.96	2.26	ppb
Strontium	88-1	104.13	102.51	105.56	104.07	1.47	ppb
Sulfur	34-1	15907.39	15535.01	15898.67	15780.36	1.35	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	-0.02	-0.02	-0.03	-0.03		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.01	0.00	-0.02	0.00		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:01:24	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.38	3.03	3.25	2.88	15.66	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	6.87	ppb
Vanadium	51-2	0.99	0.99	1.06	1.01	3.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				106		%
Zinc	66-2	21.12	20.79	21.87	21.26	2.61	ppb
Zirconium	90-1	0.59	0.75	0.70	0.68	11.69	ppb
Zirconium	91-1	0.58	0.98	0.87	0.81	25.72	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:04:22	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	421.75	415.78	418.96	418.83	0.71	ppb
Antimony	121-1	0.29	0.29	0.29	0.29	1.54	ppb
Arsenic	75-2	0.98	0.83	0.94	0.92	8.68	ppb
Barium	135-1	38.60	41.08	40.35	40.01	3.19	ppb
Barium	137-1	38.77	42.93	41.19	40.96	5.11	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	1.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	56.32	63.11	61.57	60.33	5.90	ppb
Boron	11-1	60.84	65.48	69.51	65.28	6.65	ppb
Bromine	81-1						cps
Cadmium	111-1	0.18	0.00	0.05	0.08	122.20	ppb
Cadmium	106-1	2.24	-0.33	0.63	0.85	153.35	ppb
Cadmium	108-1	-0.08	-0.11	-0.03	-0.07		ppb
Calcium	43-1	16196.36	17245.97	16702.30	16714.88	3.14	ppb
Calcium	44-1	16617.76	17611.42	17340.93	17190.04	2.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.88	0.74	0.86	0.82	8.73	ppb
Cobalt	59-2	0.34	0.34	0.32	0.33	2.42	ppb
Copper	63-2	3.74	3.69	3.68	3.70	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				109		%
Iron	54-2	722.29	673.43	693.89	696.53	3.52	ppb
Iron	56-2	728.21	695.33	736.52	720.02	3.03	ppb
Iron	57-2	722.50	674.98	697.66	698.38	3.40	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:04:22	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.76	0.82	0.75	0.78	5.01	ppb
Lead	207-1	0.69	0.75	0.78	0.74	5.81	ppb
Lead	208-1	0.73	0.81	0.78	0.77	4.88	ppb
Lithium	6-1				98		%
Magnesium	24-2	6566.67	6403.94	6630.45	6533.69	1.79	ppb
Manganese	55-2	72.97	70.42	73.69	72.36	2.37	ppb
Molybdenum	94-1	0.97	0.97	0.84	0.93	8.11	ppb
Molybdenum	95-1	0.93	0.96	0.93	0.94	1.77	ppb
Molybdenum	96-1	0.85	1.00	0.99	0.95	8.72	ppb
Molybdenum	97-1	0.95	1.09	0.99	1.01	7.22	ppb
Molybdenum	98-1	0.90	0.98	0.91	0.93	5.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.20	1.24	1.22	1.47	ppb
Phosphorus	31-2	198.41	235.30	195.80	209.83	10.53	ppb
Potassium	39-2	2948.42	2913.89	2956.68	2939.66	0.77	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	82-1	0.63	0.36	0.52	0.50	27.09	ppb
Selenium	77-2	2.76	1.09	1.06	1.64	59.39	ppb
Selenium	78-2	0.37	0.60	0.17	0.38	56.34	ppb
Silicon	28-1	4556.68	4926.08	4902.81	4795.19	4.31	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.14	ppb
Silver	109-1	0.01	0.02	0.01	0.01	13.72	ppb
Sodium	23-2	22521.99	21363.20	22028.08	21971.09	2.65	ppb
Strontium	86-1	91.18	98.03	96.78	95.33	3.83	ppb
Strontium	88-1	93.78	98.59	96.47	96.28	2.50	ppb
Sulfur	34-1	5131.73	5499.83	5311.23	5314.27	3.46	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.05	0.05	0.07	0.06	22.18	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:04:22	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	12.68	13.69	14.93	13.77	8.19	ppb
Uranium	238-1	0.10	0.11	0.12	0.11	9.24	ppb
Vanadium	51-2	1.69	1.56	1.59	1.61	4.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	21.65	20.33	20.97	20.98	3.15	ppb
Zirconium	90-1	2.47	2.75	1.34	2.18	34.19	ppb
Zirconium	91-1	1.59	1.91	1.67	1.72	9.66	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:07:19	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	119.19	123.72	124.91	122.61	2.46	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	3.53	ppb
Arsenic	75-2	0.32	0.30	0.34	0.32	5.83	ppb
Barium	135-1	101.90	99.64	102.65	101.39	1.55	ppb
Barium	137-1	104.95	100.69	107.39	104.34	3.25	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	21.72	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	92.00	95.79	99.30	95.70	3.81	ppb
Boron	11-1	97.87	104.50	102.94	101.77	3.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.01	0.07	0.06	71.54	ppb
Cadmium	106-1	1.09	-0.02	0.74	0.60	94.51	ppb
Cadmium	108-1	-0.13	-0.08	0.01	-0.07		ppb
Calcium	43-1	43117.39	42198.38	43992.99	43102.92	2.08	ppb
Calcium	44-1	43278.23	42008.86	43154.68	42813.92	1.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.77	1.80	1.71	1.76	2.35	ppb
Cobalt	59-2	0.12	0.14	0.13	0.13	7.45	ppb
Copper	63-2	1.04	1.01	1.02	1.03	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				109		%
Indium	115-1				113		%
Indium	115-2				110		%
Iron	54-2	149.62	111.73	103.58	121.65	20.20	ppb
Iron	56-2	110.51	103.79	105.55	106.62	3.27	ppb
Iron	57-2	115.22	110.49	110.59	112.10	2.41	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:07:19	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.15	0.14	0.15	3.90	ppb
Lead	207-1	0.15	0.15	0.15	0.15	1.54	ppb
Lead	208-1	0.16	0.17	0.16	0.16	4.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	12976.77	12915.52	12469.07	12787.12	2.17	ppb
Manganese	55-2	3.59	3.30	3.47	3.45	4.31	ppb
Molybdenum	94-1	0.46	0.64	0.60	0.57	16.07	ppb
Molybdenum	95-1	0.55	0.59	0.58	0.57	3.47	ppb
Molybdenum	96-1	0.62	0.62	0.57	0.60	4.56	ppb
Molybdenum	97-1	0.60	0.58	0.68	0.62	8.55	ppb
Molybdenum	98-1	0.56	0.56	0.56	0.56	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.59	1.46	1.60	1.55	4.98	ppb
Phosphorus	31-2	40.43	44.45	54.74	46.54	15.86	ppb
Potassium	39-2	2218.34	2188.32	2209.15	2205.27	0.70	ppb
Rhodium	103-1				110		%
Rhodium	103-2				108		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	1.32	1.38	1.18	1.29	8.11	ppb
Selenium	77-2	1.48	1.10	1.91	1.50	27.07	ppb
Selenium	78-2	0.97	1.60	1.58	1.39	25.92	ppb
Silicon	28-1	8874.12	8411.32	8913.77	8733.07	3.20	ppb
Silver	107-1	0.03	0.04	0.05	0.04	20.18	ppb
Silver	109-1	0.04	0.05	0.04	0.05	13.54	ppb
Sodium	23-2	35412.76	35320.57	34904.77	35212.70	0.77	ppb
Strontium	86-1	298.63	296.97	315.37	303.66	3.35	ppb
Strontium	88-1	300.33	303.19	305.22	302.91	0.81	ppb
Sulfur	34-1	12589.04	12011.64	12870.46	12490.38	3.51	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.02		ppb
Thallium	205-1	-0.04	-0.03	-0.04	-0.04		ppb
Tin	118-1	0.03	0.01	0.04	0.03	50.02	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:07:19	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.13	4.98	3.04	3.72	29.44	ppb
Uranium	238-1	0.27	0.28	0.29	0.28	4.10	ppb
Vanadium	51-2	1.47	1.43	1.39	1.43	2.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	18.54	19.53	18.48	18.85	3.11	ppb
Zirconium	90-1	0.83	0.81	0.94	0.86	7.98	ppb
Zirconium	91-1	0.78	1.39	0.64	0.93	42.61	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-03	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:10:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.89	4.28	3.87	4.01	5.76	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	48.91	ppb
Arsenic	75-2	-0.04	-0.04	-0.03	-0.04		ppb
Barium	135-1	0.07	0.05	0.00	0.04	83.02	ppb
Barium	137-1	0.04	0.06	0.05	0.05	13.89	ppb
Beryllium	9-1	0.00	0.00	-0.01	-0.01		ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	13.74	11.94	11.28	12.32	10.34	ppb
Boron	11-1	14.08	12.35	12.01	12.81	8.69	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	-0.01	-0.03	0.03	301.46	ppb
Cadmium	106-1	1.49	0.02	-0.46	0.35	288.43	ppb
Cadmium	108-1	-0.19	-0.10	-0.20	-0.16		ppb
Calcium	43-1	12.18	10.91	11.72	11.60	5.54	ppb
Calcium	44-1	20.59	21.77	20.09	20.82	4.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.09	0.10	0.10	0.10	7.17	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	119.98	ppb
Copper	63-2	0.06	0.04	0.04	0.05	23.02	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	54-2	1.93	3.17	4.24	3.12	37.08	ppb
Iron	56-2	2.45	2.49	2.38	2.44	2.23	ppb
Iron	57-2	2.39	2.53	3.67	2.86	24.41	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-03	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:10:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.07	0.06	25.52	ppb
Lead	207-1	0.04	0.03	0.03	0.03	19.06	ppb
Lead	208-1	0.05	0.05	0.04	0.05	5.99	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.34	2.90	3.01	3.08	7.55	ppb
Manganese	55-2	0.11	0.15	0.14	0.13	14.12	ppb
Molybdenum	94-1	-0.01	0.00	0.00	-0.01		ppb
Molybdenum	95-1	0.02	0.00	0.01	0.01	92.65	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	13.60	ppb
Molybdenum	97-1	0.02	0.01	0.00	0.01	106.68	ppb
Molybdenum	98-1	0.01	0.02	0.01	0.01	30.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.06	0.03	91.82	ppb
Phosphorus	31-2	-4.81	-1.92	-7.59	-4.77		ppb
Potassium	39-2	8.39	4.87	2.83	5.37	52.43	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				111		%
Scandium	45-2				111		%
Selenium	82-1	-0.37	-0.06	0.04	-0.13		ppb
Selenium	77-2	-0.15	0.27	-0.15	-0.01		ppb
Selenium	78-2	0.29	0.22	1.01	0.50	86.70	ppb
Silicon	28-1	-0.10	1.17	0.75	0.61	105.93	ppb
Silver	107-1	0.00	0.01	0.00	0.00	77.13	ppb
Silver	109-1	0.00	0.00	0.00	0.00	27.98	ppb
Sodium	23-2	14.65	12.25	14.23	13.71	9.32	ppb
Strontium	86-1	0.08	0.05	0.09	0.07	25.29	ppb
Strontium	88-1	0.09	0.09	0.09	0.09	2.76	ppb
Sulfur	34-1	-2033.13	-2033.70	-2070.87	-2045.90		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	-0.03	-0.04	-0.02	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.00	-0.01	0.01	0.00		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-03	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:10:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.05	0.01	0.03	84.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	70.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				108		%
Zinc	66-2	31.54	31.25	31.15	31.31	0.65	ppb
Zirconium	90-1	0.08	0.05	-0.01	0.04	102.09	ppb
Zirconium	91-1	0.16	0.07	0.00	0.08	109.61	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:19:46	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52534.97	52788.51	50711.13	52011.53	2.18	ppb
Antimony	121-1	489.99	489.73	492.17	490.63	0.27	ppb
Arsenic	75-2	493.02	485.13	474.11	484.09	1.96	ppb
Barium	135-1	2454.19	2469.48	2458.77	2460.81	0.32	ppb
Barium	137-1	2474.72	2438.50	2444.82	2452.68	0.79	ppb
Beryllium	9-1	504.51	483.54	499.86	495.97	2.22	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	10-1	497.55	493.26	513.34	501.38	2.11	ppb
Boron	11-1	519.52	478.57	501.48	499.86	4.11	ppb
Bromine	81-1						cps
Cadmium	111-1	488.26	475.92	485.55	483.25	1.34	ppb
Cadmium	106-1	506.41	485.88	509.12	500.47	2.54	ppb
Cadmium	108-1	490.80	491.35	486.95	489.70	0.49	ppb
Calcium	43-1	245808.98	239660.30	237111.17	240860.15	1.86	ppb
Calcium	44-1	241111.21	238746.10	238259.42	239372.24	0.64	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	500.82	512.80	485.74	499.79	2.71	ppb
Cobalt	59-2	496.38	490.24	486.14	490.92	1.05	ppb
Copper	63-2	4639.66	4793.67	4505.17	4646.17	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	54-2	127526.68	129092.90	126992.58	127870.72	0.85	ppb
Iron	56-2	127485.72	129100.69	126263.44	127616.62	1.12	ppb
Iron	57-2	128104.29	127995.85	122991.24	126363.79	2.31	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:19:46	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2462.28	2496.02	2434.72	2464.34	1.25	ppb
Lead	207-1	2517.79	2545.54	2454.64	2505.99	1.86	ppb
Lead	208-1	2535.43	2509.97	2426.07	2490.49	2.30	ppb
Lithium	6-1				102		%
Magnesium	24-2	266415.54	261016.70	253474.36	260302.20	2.50	ppb
Manganese	55-2	4861.62	5032.88	4840.89	4911.80	2.15	ppb
Molybdenum	94-1	2541.05	2484.36	2383.50	2469.64	3.23	ppb
Molybdenum	95-1	2509.37	2476.40	2427.18	2470.98	1.67	ppb
Molybdenum	96-1	2521.07	2484.64	2414.14	2473.29	2.20	ppb
Molybdenum	97-1	2582.46	2474.41	2363.33	2473.40	4.43	ppb
Molybdenum	98-1	2573.90	2473.95	2353.13	2466.99	4.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.41	501.71	489.20	495.44	1.26	ppb
Phosphorus	31-2	10267.35	10389.73	9892.53	10183.20	2.54	ppb
Potassium	39-2	126312.59	127496.17	124407.56	126072.11	1.24	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				114		%
Scandium	45-2				109		%
Selenium	82-1	487.99	477.77	461.23	475.66	2.84	ppb
Selenium	77-2	481.56	485.18	489.57	485.44	0.83	ppb
Selenium	78-2	484.55	481.31	470.24	478.70	1.57	ppb
Silicon	28-1	601.04	614.71	630.21	615.32	2.37	ppb
Silver	107-1	499.69	480.91	489.89	490.16	1.92	ppb
Silver	109-1	499.64	478.17	484.47	487.43	2.26	ppb
Sodium	23-2	254391.38	259836.54	248771.57	254333.16	2.18	ppb
Strontium	86-1	5095.46	5013.67	4848.68	4985.94	2.52	ppb
Strontium	88-1	5109.68	4921.37	4834.42	4955.15	2.84	ppb
Sulfur	34-1	10293.17	9304.20	9073.70	9557.03	6.78	ppb
Terbium	159-1				112		%
Terbium	159-2				103		%
Thallium	203-1	501.47	494.87	483.39	493.24	1.86	ppb
Thallium	205-1	498.26	498.12	472.33	489.57	3.05	ppb
Tin	118-1	504.12	499.79	511.16	505.02	1.14	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:19:46	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2450.65	2440.37	2415.62	2435.55	0.74	ppb
Uranium	238-1	530.75	495.14	475.98	500.62	5.55	ppb
Vanadium	51-2	511.75	517.43	497.90	509.03	1.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	4560.70	4725.53	4363.93	4550.06	3.98	ppb
Zirconium	90-1	5091.44	4957.95	4819.58	4956.32	2.74	ppb
Zirconium	91-1	5230.63	5043.38	4873.06	5049.02	3.54	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:26:07	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	0.29	0.48	0.27	83.27	ppb
Antimony	121-1	0.05	0.06	0.11	0.07	39.78	ppb
Arsenic	75-2	-0.03	-0.03	-0.04	-0.03		ppb
Barium	135-1	0.02	0.01	0.01	0.01	42.32	ppb
Barium	137-1	0.03	0.02	0.03	0.03	25.17	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	60.11	ppb
Bismuth	209-1				109		%
Bismuth	209-2				106		%
Boron	10-1	20.25	19.14	17.83	19.07	6.36	ppb
Boron	11-1	20.46	19.19	18.77	19.47	4.51	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.08	0.14	0.11	27.91	ppb
Cadmium	106-1	1.71	1.05	2.17	1.64	34.31	ppb
Cadmium	108-1	0.19	0.16	0.29	0.21	32.52	ppb
Calcium	43-1	2.23	1.87	1.50	1.87	19.51	ppb
Calcium	44-1	10.30	7.16	8.81	8.76	17.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.00	0.05	0.03	85.47	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	1041.94	ppb
Copper	63-2	0.05	0.04	0.04	0.05	14.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				109		%
Iron	54-2	1.69	0.76	1.65	1.36	38.50	ppb
Iron	56-2	0.84	0.82	0.89	0.85	4.39	ppb
Iron	57-2	0.75	1.81	0.68	1.08	58.87	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:26:07	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.07	3.56	ppb
Lead	207-1	0.06	0.07	0.07	0.06	3.96	ppb
Lead	208-1	0.08	0.08	0.07	0.08	7.60	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.93	1.93	1.56	1.80	11.94	ppb
Manganese	55-2	0.07	0.05	0.08	0.07	29.43	ppb
Molybdenum	94-1	0.07	0.07	0.07	0.07	1.67	ppb
Molybdenum	95-1	0.05	0.06	0.03	0.04	32.13	ppb
Molybdenum	96-1	0.05	0.06	0.03	0.05	28.70	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.05	10.37	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	24.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	46.08	ppb
Phosphorus	31-2	2.23	-9.32	0.78	-2.10		ppb
Potassium	39-2	15.52	12.01	13.56	13.70	12.82	ppb
Rhodium	103-1				111		%
Rhodium	103-2				110		%
Scandium	45-1				113		%
Scandium	45-2				112		%
Selenium	82-1	-0.17	0.02	0.00	-0.05		ppb
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	0.36	0.29	0.18	0.28	32.47	ppb
Silicon	28-1	-3.39	-4.94	-4.06	-4.13		ppb
Silver	107-1	0.02	0.02	0.01	0.02	30.30	ppb
Silver	109-1	0.01	0.03	0.02	0.02	40.74	ppb
Sodium	23-2	20.02	20.03	20.19	20.08	0.50	ppb
Strontium	86-1	0.02	0.03	0.02	0.02	21.65	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	15.34	ppb
Sulfur	34-1	-1603.49	-1856.19	-1603.28	-1687.65		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.02	0.02	0.03	28.37	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.12	ppb
Tin	118-1	-0.03	-0.02	-0.01	-0.02		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:26:07	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.05	-0.01	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.50	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				109		%
Zinc	66-2	0.48	0.47	0.29	0.41	26.78	ppb
Zirconium	90-1	0.03	0.12	-0.01	0.05	140.35	ppb
Zirconium	91-1	0.37	0.22	0.16	0.25	43.35	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-01	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:34:20	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.17	53.86	54.01	54.68	2.36	ppb
Antimony	121-1	1.30	1.48	1.29	1.36	7.77	ppb
Arsenic	75-2	4.72	4.52	4.68	4.64	2.31	ppb
Barium	135-1	146.47	167.67	146.25	153.47	8.02	ppb
Barium	137-1	151.73	173.74	150.54	158.67	8.23	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	234.47	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	579.73	661.72	595.95	612.46	7.09	ppb
Boron	11-1	578.66	660.67	592.07	610.46	7.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.30	0.39	0.28	0.32	18.63	ppb
Cadmium	106-1	1.48	2.13	0.68	1.43	50.78	ppb
Cadmium	108-1	0.08	0.12	-0.10	0.03	334.70	ppb
Calcium	43-1	175168.82	204698.96	181170.53	187012.77	8.35	ppb
Calcium	44-1	176451.28	204776.91	178764.63	186664.27	8.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.65	0.66	0.63	6.92	ppb
Cobalt	59-2	0.89	0.83	0.78	0.83	6.33	ppb
Copper	63-2	4.40	4.43	4.38	4.40	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	54-2	215.20	212.21	214.22	213.88	0.71	ppb
Iron	56-2	216.36	214.12	211.28	213.92	1.19	ppb
Iron	57-2	231.30	247.75	240.60	239.89	3.44	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-01	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:34:20	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.76	0.82	0.70	0.76	7.47	ppb
Lead	207-1	0.77	0.82	0.65	0.75	11.27	ppb
Lead	208-1	0.76	0.81	0.70	0.76	7.18	ppb
Lithium	6-1				100		%
Magnesium	24-2	26362.61	25687.70	25923.29	25991.20	1.32	ppb
Manganese	55-2	809.76	776.94	783.68	790.13	2.19	ppb
Molybdenum	94-1	1.96	2.12	1.87	1.99	6.23	ppb
Molybdenum	95-1	2.50	2.92	2.52	2.65	8.89	ppb
Molybdenum	96-1	2.46	2.73	2.30	2.50	8.75	ppb
Molybdenum	97-1	2.58	2.93	2.66	2.72	6.89	ppb
Molybdenum	98-1	2.49	2.85	2.58	2.64	7.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.57	2.69	2.71	2.66	2.77	ppb
Phosphorus	31-2	61.94	48.78	57.48	56.07	11.94	ppb
Potassium	39-2	8463.88	8449.44	8487.78	8467.03	0.23	ppb
Rhodium	103-1				103		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				114		%
Selenium	82-1	1.21	1.78	1.51	1.50	19.22	ppb
Selenium	77-2	1.06	0.67	0.25	0.66	61.47	ppb
Selenium	78-2	-0.20	1.05	1.23	0.69	112.89	ppb
Silicon	28-1	10157.60	11519.48	10351.88	10676.32	6.90	ppb
Silver	107-1	0.03	0.02	0.02	0.02	11.08	ppb
Silver	109-1	0.02	0.03	0.02	0.02	24.89	ppb
Sodium	23-2	152598.58	151171.29	154599.32	152789.73	1.13	ppb
Strontium	86-1	1280.68	1436.37	1273.11	1330.05	6.93	ppb
Strontium	88-1	1277.68	1426.27	1273.01	1325.65	6.58	ppb
Sulfur	34-1	98887.80	114035.69	101556.97	104826.82	7.71	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.02	0.02	36.54	ppb
Thallium	205-1	0.03	0.01	0.03	0.02	28.22	ppb
Tin	118-1	0.03	0.06	0.04	0.04	37.96	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-01	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:34:20	DataFile Name :	036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.48	2.42	2.09	2.33	9.14	ppb
Uranium	238-1	4.66	5.09	4.51	4.75	6.29	ppb
Vanadium	51-2	3.20	3.14	3.21	3.18	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				112		%
Zinc	66-2	130.50	128.69	129.78	129.66	0.70	ppb
Zirconium	90-1	0.92	1.06	1.47	1.15	24.83	ppb
Zirconium	91-1	1.19	1.13	0.98	1.10	10.14	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-02	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:37:13	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113.30	110.87	111.24	111.80	1.17	ppb
Antimony	121-1	0.06	0.07	0.06	0.06	9.87	ppb
Arsenic	75-2	0.29	0.29	0.28	0.29	3.14	ppb
Barium	135-1	100.50	98.41	99.36	99.43	1.05	ppb
Barium	137-1	103.83	99.01	100.16	101.00	2.49	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	61.10	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	120.49	125.78	121.20	122.49	2.34	ppb
Boron	11-1	128.26	133.95	135.60	132.60	2.91	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.08	0.12	0.11	26.01	ppb
Cadmium	106-1	1.64	0.98	1.29	1.30	25.57	ppb
Cadmium	108-1	-0.17	-0.04	-0.23	-0.15		ppb
Calcium	43-1	40873.83	42327.41	42953.17	42051.47	2.54	ppb
Calcium	44-1	40477.65	42094.32	42199.75	41590.57	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.71	1.74	1.75	1.73	1.03	ppb
Cobalt	59-2	0.13	0.13	0.15	0.14	7.22	ppb
Copper	63-2	0.95	0.99	1.07	1.00	5.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	54-2	98.87	110.15	105.04	104.69	5.40	ppb
Iron	56-2	97.63	107.36	94.84	99.94	6.58	ppb
Iron	57-2	108.63	103.28	111.15	107.68	3.73	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-02	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:37:13	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.17	0.17	0.18	12.39	ppb
Lead	207-1	0.26	0.17	0.16	0.19	29.52	ppb
Lead	208-1	0.21	0.19	0.17	0.19	10.48	ppb
Lithium	6-1				109		%
Magnesium	24-2	12351.28	12404.96	12315.77	12357.34	0.36	ppb
Manganese	55-2	3.41	3.51	3.46	3.46	1.32	ppb
Molybdenum	94-1	1.96	0.54	0.47	0.99	85.03	ppb
Molybdenum	95-1	0.62	0.57	0.55	0.58	6.28	ppb
Molybdenum	96-1	0.60	0.59	0.53	0.58	6.31	ppb
Molybdenum	97-1	0.60	0.51	0.67	0.59	13.46	ppb
Molybdenum	98-1	0.54	0.57	0.57	0.56	3.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.45	1.49	1.52	1.49	2.40	ppb
Phosphorus	31-2	37.94	36.89	49.50	41.44	16.88	ppb
Potassium	39-2	2127.95	2136.97	2146.58	2137.17	0.44	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				116		%
Scandium	45-2				116		%
Selenium	82-1	0.83	1.11	1.15	1.03	17.06	ppb
Selenium	77-2	1.05	3.13	1.08	1.75	68.11	ppb
Selenium	78-2	0.32	1.35	0.69	0.78	66.66	ppb
Silicon	28-1	8430.56	8736.07	8925.52	8697.38	2.87	ppb
Silver	107-1	0.04	0.05	0.05	0.05	11.54	ppb
Silver	109-1	0.06	0.04	0.05	0.05	19.46	ppb
Sodium	23-2	34173.60	34656.34	34566.46	34465.46	0.74	ppb
Strontium	86-1	289.62	296.72	289.93	292.09	1.37	ppb
Strontium	88-1	298.39	296.37	300.86	298.54	0.75	ppb
Sulfur	34-1	12099.71	11949.23	12753.12	12267.35	3.48	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.00	0.00	0.00	163.57	ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.04	0.04	0.04	0.04	10.26	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-02	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:37:13	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.47	3.05	2.67	2.73	10.80	ppb
Uranium	238-1	0.27	0.28	0.29	0.28	2.38	ppb
Vanadium	51-2	1.41	1.40	1.39	1.40	0.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	18.62	18.20	18.92	18.58	1.96	ppb
Zirconium	90-1	0.58	0.81	0.64	0.68	17.98	ppb
Zirconium	91-1	1.14	0.72	0.54	0.80	38.58	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-04	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:40:10	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.17	3.93	4.01	4.04	3.04	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	26.81	ppb
Arsenic	75-2	-0.03	-0.03	-0.02	-0.03		ppb
Barium	135-1	0.06	0.05	0.04	0.05	17.48	ppb
Barium	137-1	0.09	0.11	0.07	0.09	19.60	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				111		%
Bismuth	209-2				105		%
Boron	10-1	28.17	27.98	26.50	27.55	3.32	ppb
Boron	11-1	30.62	29.66	27.90	29.39	4.69	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.18	0.05	0.09	80.41	ppb
Cadmium	106-1	0.51	2.48	0.75	1.25	85.90	ppb
Cadmium	108-1	-0.13	-0.13	-0.07	-0.11		ppb
Calcium	43-1	13.99	13.30	9.93	12.41	17.53	ppb
Calcium	44-1	24.61	23.74	18.37	22.24	15.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.11	0.09	0.07	0.09	25.36	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	83.09	ppb
Copper	63-2	0.06	0.06	0.03	0.05	35.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				116		%
Indium	115-2				112		%
Iron	54-2	2.36	3.20	3.70	3.09	21.88	ppb
Iron	56-2	2.23	2.19	2.44	2.28	5.91	ppb
Iron	57-2	2.04	2.82	2.48	2.45	15.86	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-04	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:40:10	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.08	0.04	0.06	35.14	ppb
Lead	207-1	0.04	0.05	0.03	0.04	22.97	ppb
Lead	208-1	0.06	0.07	0.05	0.06	18.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	3.40	2.99	3.52	3.30	8.44	ppb
Manganese	55-2	0.21	0.22	0.16	0.20	16.54	ppb
Molybdenum	94-1	0.01	0.00	0.01	0.01	145.26	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.03	31.56	ppb
Molybdenum	96-1	0.02	0.01	0.00	0.01	106.71	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	122.50	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	41.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	0.05	0.04	16.86	ppb
Phosphorus	31-2	-9.61	-2.36	-5.23	-5.74		ppb
Potassium	39-2	7.76	8.56	12.46	9.60	26.23	ppb
Rhodium	103-1				114		%
Rhodium	103-2				111		%
Scandium	45-1				117		%
Scandium	45-2				114		%
Selenium	82-1	0.55	-0.33	0.23	0.15	301.20	ppb
Selenium	77-2	-0.15	-0.15	1.08	0.26	276.72	ppb
Selenium	78-2	0.39	0.30	0.18	0.29	36.18	ppb
Silicon	28-1	1.46	1.37	-1.33	0.50	315.69	ppb
Silver	107-1	0.02	0.01	0.01	0.01	32.96	ppb
Silver	109-1	0.01	0.01	0.00	0.01	61.09	ppb
Sodium	23-2	24.07	23.92	23.66	23.88	0.88	ppb
Strontium	86-1	0.05	0.06	0.03	0.05	33.36	ppb
Strontium	88-1	0.11	0.10	0.10	0.10	6.08	ppb
Sulfur	34-1	-2017.02	-2069.55	-2505.53	-2197.37		ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	0.00	-0.02	-0.01		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.01	0.02	0.00	0.00	590.51	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-04	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:40:10	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.01	0.02	0.02	30.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	385.06	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	161.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				111		%
Zinc	66-2	30.02	30.44	29.96	30.14	0.87	ppb
Zirconium	90-1	0.01	-0.04	0.03	0.00		ppb
Zirconium	91-1	-0.08	0.02	0.04	-0.01		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:43:10	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	357.33	362.82	363.73	361.29	0.96	ppb
Antimony	121-1	0.24	0.26	0.27	0.26	6.75	ppb
Arsenic	75-2	6.50	6.46	6.52	6.49	0.47	ppb
Barium	135-1	83.00	88.19	83.30	84.83	3.44	ppb
Barium	137-1	85.36	87.14	82.71	85.07	2.62	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	15.14	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	91.74	93.91	97.85	94.50	3.27	ppb
Boron	11-1	99.93	104.38	107.48	103.93	3.65	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.19	0.09	0.09	119.95	ppb
Cadmium	106-1	-0.22	2.42	1.13	1.11	118.87	ppb
Cadmium	108-1	-0.06	-0.15	-0.15	-0.12		ppb
Calcium	43-1	22883.37	24138.39	24028.22	23683.33	2.93	ppb
Calcium	44-1	23791.71	24140.80	23575.88	23836.13	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.31	1.29	1.23	1.28	3.37	ppb
Cobalt	59-2	1.43	1.44	1.41	1.42	1.11	ppb
Copper	63-2	2.55	2.62	2.66	2.61	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				107		%
Indium	115-1				115		%
Indium	115-2				111		%
Iron	54-2	12697.20	12648.78	12521.77	12622.58	0.72	ppb
Iron	56-2	12482.38	12335.80	12347.56	12388.58	0.66	ppb
Iron	57-2	11818.20	11937.50	11808.02	11854.57	0.61	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:43:10	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.70	1.63	1.48	1.60	6.88	ppb
Lead	207-1	1.50	1.58	1.40	1.50	6.04	ppb
Lead	208-1	1.60	1.61	1.45	1.55	5.91	ppb
Lithium	6-1				107		%
Magnesium	24-2	8257.57	8137.87	8279.78	8225.08	0.93	ppb
Manganese	55-2	1415.25	1413.34	1442.50	1423.70	1.15	ppb
Molybdenum	94-1	1.02	0.92	0.94	0.96	5.36	ppb
Molybdenum	95-1	1.13	1.08	1.07	1.10	2.63	ppb
Molybdenum	96-1	1.21	1.16	1.10	1.16	4.70	ppb
Molybdenum	97-1	1.09	1.08	1.08	1.09	0.54	ppb
Molybdenum	98-1	1.13	1.07	1.03	1.08	4.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.31	4.38	4.29	4.33	1.13	ppb
Phosphorus	31-2	157.63	153.64	156.02	155.76	1.29	ppb
Potassium	39-2	4577.98	4612.64	4585.75	4592.12	0.40	ppb
Rhodium	103-1				113		%
Rhodium	103-2				110		%
Scandium	45-1				119		%
Scandium	45-2				116		%
Selenium	82-1	0.81	-0.15	0.76	0.47	114.26	ppb
Selenium	77-2	1.50	1.04	1.08	1.21	20.93	ppb
Selenium	78-2	0.86	0.27	0.72	0.62	50.05	ppb
Silicon	28-1	5339.08	5698.67	5411.21	5482.99	3.47	ppb
Silver	107-1	0.03	0.04	0.03	0.03	25.34	ppb
Silver	109-1	0.02	0.03	0.03	0.03	16.41	ppb
Sodium	23-2	23064.26	22573.82	23089.80	22909.29	1.27	ppb
Strontium	86-1	106.24	108.51	103.75	106.17	2.24	ppb
Strontium	88-1	110.56	109.77	107.56	109.30	1.42	ppb
Sulfur	34-1	22008.78	22716.68	22464.55	22396.67	1.60	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.06	0.07	0.06	0.06	8.88	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:43:10	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.04	9.83	9.82	9.90	1.27	ppb
Uranium	238-1	0.08	0.07	0.07	0.07	5.39	ppb
Vanadium	51-2	1.72	1.89	1.81	1.81	4.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				111		%
Zinc	66-2	23.97	24.95	24.78	24.57	2.14	ppb
Zirconium	90-1	1.59	1.62	2.01	1.74	13.37	ppb
Zirconium	91-1	1.32	1.85	1.55	1.57	17.03	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:46:06	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	202.84	196.11	194.86	197.94	2.17	ppb
Antimony	121-1	0.13	0.17	0.18	0.16	15.59	ppb
Arsenic	75-2	1.08	0.98	1.00	1.02	4.95	ppb
Barium	135-1	42.39	44.18	46.80	44.46	4.99	ppb
Barium	137-1	41.77	44.20	47.85	44.61	6.86	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	17.85	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	68.98	76.47	80.87	75.44	7.97	ppb
Boron	11-1	72.60	77.44	87.24	79.10	9.43	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.06	0.05	0.08	61.80	ppb
Cadmium	106-1	1.78	0.47	0.57	0.94	77.33	ppb
Cadmium	108-1	-0.15	-0.31	-0.14	-0.20		ppb
Calcium	43-1	18753.87	20380.61	20931.04	20021.84	5.65	ppb
Calcium	44-1	19492.22	20489.10	21818.94	20600.09	5.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.86	0.77	0.83	0.82	5.88	ppb
Cobalt	59-2	0.29	0.28	0.30	0.29	2.69	ppb
Copper	63-2	3.36	3.41	3.29	3.35	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				107		%
Indium	115-1				120		%
Indium	115-2				112		%
Iron	54-2	829.65	823.95	835.10	829.56	0.67	ppb
Iron	56-2	893.43	871.03	869.88	878.11	1.51	ppb
Iron	57-2	839.83	822.40	820.27	827.50	1.30	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:46:06	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.46	0.50	0.54	0.50	7.62	ppb
Lead	207-1	0.40	0.47	0.46	0.44	8.67	ppb
Lead	208-1	0.44	0.48	0.50	0.47	6.75	ppb
Lithium	6-1				112		%
Magnesium	24-2	8869.47	8868.85	8748.01	8828.78	0.79	ppb
Manganese	55-2	132.02	132.23	130.86	131.71	0.56	ppb
Molybdenum	94-1	0.84	0.93	2.07	1.28	53.42	ppb
Molybdenum	95-1	1.07	1.02	1.16	1.09	6.79	ppb
Molybdenum	96-1	0.97	1.03	1.10	1.04	6.15	ppb
Molybdenum	97-1	0.93	1.14	1.13	1.07	10.96	ppb
Molybdenum	98-1	1.03	1.02	1.09	1.05	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	1.13	1.21	1.20	6.10	ppb
Phosphorus	31-2	361.87	322.41	345.22	343.17	5.77	ppb
Potassium	39-2	3186.20	3203.10	3132.53	3173.94	1.16	ppb
Rhodium	103-1				118		%
Rhodium	103-2				109		%
Scandium	45-1				123		%
Scandium	45-2				115		%
Selenium	82-1	0.17	0.52	0.90	0.53	69.09	ppb
Selenium	77-2	0.68	0.65	1.06	0.80	28.67	ppb
Selenium	78-2	0.21	0.85	0.38	0.48	68.92	ppb
Silicon	28-1	5012.11	4432.59	4428.62	4624.44	7.26	ppb
Silver	107-1	0.01	0.01	0.02	0.02	34.42	ppb
Silver	109-1	0.01	0.01	0.02	0.01	29.96	ppb
Sodium	23-2	29427.68	29063.43	29037.05	29176.06	0.75	ppb
Strontium	86-1	113.87	113.74	124.05	117.22	5.05	ppb
Strontium	88-1	113.99	119.53	123.82	119.11	4.14	ppb
Sulfur	34-1	5440.56	6707.04	6958.71	6368.77	12.78	ppb
Terbium	159-1				117		%
Terbium	159-2				107		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.03	-0.02	-0.03	-0.03		ppb
Tin	118-1	0.09	0.10	0.09	0.09	7.88	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:46:06	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.40	5.71	6.05	5.72	5.71	ppb
Uranium	238-1	0.13	0.13	0.15	0.14	5.64	ppb
Vanadium	51-2	1.15	1.11	1.17	1.14	2.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				111		%
Zinc	66-2	22.51	22.68	21.92	22.37	1.79	ppb
Zirconium	90-1	0.80	1.05	1.06	0.97	15.51	ppb
Zirconium	91-1	0.48	0.87	1.22	0.86	43.42	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:49:02	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99.05	106.17	105.63	103.61	3.83	ppb
Antimony	121-1	0.11	0.11	0.10	0.11	5.19	ppb
Arsenic	75-2	0.57	0.58	0.59	0.58	1.80	ppb
Barium	135-1	40.45	39.77	40.88	40.37	1.38	ppb
Barium	137-1	40.41	40.40	41.18	40.67	1.09	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	114.78	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	50.06	51.08	49.82	50.32	1.33	ppb
Boron	11-1	52.49	54.85	52.85	53.40	2.38	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.07	0.09	0.09	24.56	ppb
Cadmium	106-1	1.41	1.00	1.28	1.23	16.98	ppb
Cadmium	108-1	-0.20	-0.03	-0.06	-0.09		ppb
Calcium	43-1	19018.22	19441.02	18877.24	19112.16	1.54	ppb
Calcium	44-1	19883.17	20105.59	19701.53	19896.77	1.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.34	0.34	0.34	2.70	ppb
Cobalt	59-2	0.13	0.12	0.13	0.13	4.20	ppb
Copper	63-2	1.44	1.41	1.38	1.41	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				113		%
Holmium	165-2				109		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	54-2	233.97	240.60	234.79	236.45	1.53	ppb
Iron	56-2	232.72	237.96	242.86	237.85	2.13	ppb
Iron	57-2	232.37	235.55	231.64	233.19	0.89	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:49:02	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.27	0.27	0.24	0.26	6.32	ppb
Lead	207-1	0.23	0.21	0.24	0.23	4.79	ppb
Lead	208-1	0.25	0.26	0.26	0.25	1.60	ppb
Lithium	6-1				105		%
Magnesium	24-2	7845.68	7964.77	8015.38	7941.94	1.10	ppb
Manganese	55-2	28.02	28.08	27.93	28.01	0.28	ppb
Molybdenum	94-1	0.44	0.35	0.44	0.41	12.50	ppb
Molybdenum	95-1	0.43	0.48	0.48	0.46	5.97	ppb
Molybdenum	96-1	0.45	0.43	0.44	0.44	2.10	ppb
Molybdenum	97-1	0.49	0.42	0.44	0.45	7.46	ppb
Molybdenum	98-1	0.50	0.49	0.45	0.48	5.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.59	0.56	0.56	0.57	2.42	ppb
Phosphorus	31-2	50.93	39.93	66.20	52.35	25.20	ppb
Potassium	39-2	2323.22	2402.96	2339.89	2355.36	1.79	ppb
Rhodium	103-1				112		%
Rhodium	103-2				107		%
Scandium	45-1				117		%
Scandium	45-2				114		%
Selenium	82-1	-0.21	0.40	0.45	0.22	170.07	ppb
Selenium	77-2	0.25	-0.15	0.25	0.12	201.84	ppb
Selenium	78-2	0.29	1.00	0.36	0.55	70.83	ppb
Silicon	28-1	4110.07	4076.07	4043.29	4076.48	0.82	ppb
Silver	107-1	0.01	0.00	0.01	0.01	39.03	ppb
Silver	109-1	0.00	0.00	0.01	0.01	78.67	ppb
Sodium	23-2	22382.35	23157.67	23073.01	22871.01	1.86	ppb
Strontium	86-1	112.00	113.80	114.67	113.49	1.20	ppb
Strontium	88-1	114.21	117.18	115.21	115.53	1.30	ppb
Sulfur	34-1	4240.76	4625.87	4011.86	4292.83	7.23	ppb
Terbium	159-1				110		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:49:02	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.07	3.06	2.99	3.04	1.43	ppb
Uranium	238-1	0.16	0.16	0.16	0.16	2.21	ppb
Vanadium	51-2	0.83	0.93	0.91	0.89	6.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				112		%
Zinc	66-2	18.97	18.85	18.89	18.90	0.31	ppb
Zirconium	90-1	0.51	1.98	0.50	1.00	85.58	ppb
Zirconium	91-1	0.45	3.31	0.71	1.49	106.39	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:52:01	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92.20	95.69	90.79	92.89	2.72	ppb
Antimony	121-1	0.20	0.21	0.19	0.20	6.68	ppb
Arsenic	75-2	5.63	5.91	5.68	5.74	2.58	ppb
Barium	135-1	65.56	61.96	61.85	63.12	3.35	ppb
Barium	137-1	65.80	63.46	64.42	64.56	1.82	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	54.63	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	85.97	90.26	88.03	88.09	2.44	ppb
Boron	11-1	91.32	96.73	97.53	95.19	3.55	ppb
Bromine	81-1						cps
Cadmium	111-1	0.14	0.08	0.01	0.08	88.06	ppb
Cadmium	106-1	1.93	1.06	0.17	1.05	83.84	ppb
Cadmium	108-1	-0.07	-0.12	-0.12	-0.11		ppb
Calcium	43-1	20851.39	20444.18	20608.61	20634.73	0.99	ppb
Calcium	44-1	21474.41	21258.13	21305.69	21346.08	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.54	0.54	0.49	0.52	5.53	ppb
Cobalt	59-2	0.62	0.63	0.64	0.63	1.77	ppb
Copper	63-2	1.14	1.15	1.17	1.15	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				107		%
Indium	115-1				114		%
Indium	115-2				110		%
Iron	54-2	5572.09	5581.75	5520.80	5558.21	0.59	ppb
Iron	56-2	5702.65	5795.67	5705.52	5734.61	0.92	ppb
Iron	57-2	5462.03	5480.06	5473.52	5471.87	0.17	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:52:01	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.79	0.76	0.79	0.78	2.47	ppb
Lead	207-1	0.71	0.69	0.80	0.73	8.16	ppb
Lead	208-1	0.75	0.73	0.78	0.76	3.43	ppb
Lithium	6-1				105		%
Magnesium	24-2	7403.42	7456.54	7444.52	7434.83	0.37	ppb
Manganese	55-2	923.47	942.84	957.54	941.29	1.82	ppb
Molybdenum	94-1	0.73	0.80	0.75	0.76	4.89	ppb
Molybdenum	95-1	1.01	0.99	0.97	0.99	1.79	ppb
Molybdenum	96-1	0.98	1.02	0.98	0.99	2.39	ppb
Molybdenum	97-1	0.99	0.98	0.87	0.95	7.15	ppb
Molybdenum	98-1	0.94	0.93	0.93	0.94	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.83	2.87	2.95	2.89	2.16	ppb
Phosphorus	31-2	170.35	170.65	174.59	171.86	1.38	ppb
Potassium	39-2	4431.70	4461.86	4405.32	4432.96	0.64	ppb
Rhodium	103-1				112		%
Rhodium	103-2				109		%
Scandium	45-1				116		%
Scandium	45-2				115		%
Selenium	82-1	-0.03	0.20	0.49	0.22	117.49	ppb
Selenium	77-2	0.66	0.68	-0.15	0.40	120.24	ppb
Selenium	78-2	1.34	0.31	0.67	0.77	67.38	ppb
Silicon	28-1	4672.28	4592.56	4546.15	4603.66	1.39	ppb
Silver	107-1	0.01	0.01	0.01	0.01	25.27	ppb
Silver	109-1	0.01	0.01	0.01	0.01	35.23	ppb
Sodium	23-2	21141.32	21364.52	21297.09	21267.64	0.54	ppb
Strontium	86-1	96.40	101.59	100.20	99.40	2.70	ppb
Strontium	88-1	99.34	104.52	102.52	102.13	2.55	ppb
Sulfur	34-1	15845.69	15241.58	14746.60	15277.96	3.60	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	-0.02	-0.03	-0.01	-0.02		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	0.02	-0.02	0.00	0.00		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:52:01	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.20	2.35	2.87	3.14	30.33	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	5.73	ppb
Vanadium	51-2	0.96	0.99	1.05	1.00	4.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				110		%
Zinc	66-2	20.76	20.75	19.59	20.37	3.29	ppb
Zirconium	90-1	0.57	0.69	0.96	0.74	27.34	ppb
Zirconium	91-1	0.74	0.78	0.83	0.78	6.17	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:54:56	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	432.68	475.13	445.65	451.15	4.82	ppb
Antimony	121-1	0.25	0.25	0.24	0.25	1.43	ppb
Arsenic	75-2	0.92	1.10	1.00	1.01	8.61	ppb
Barium	135-1	38.17	39.19	39.03	38.80	1.41	ppb
Barium	137-1	38.30	39.25	39.49	39.01	1.61	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	17.61	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	60.05	61.01	62.53	61.20	2.04	ppb
Boron	11-1	66.42	65.32	66.80	66.18	1.16	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.07	0.00	0.05	78.75	ppb
Cadmium	106-1	0.62	0.90	-0.23	0.43	136.74	ppb
Cadmium	108-1	-0.14	-0.10	-0.12	-0.12		ppb
Calcium	43-1	15571.07	16214.41	15590.48	15791.99	2.32	ppb
Calcium	44-1	16108.01	16529.86	16197.47	16278.45	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.95	1.02	0.96	0.97	3.88	ppb
Cobalt	59-2	0.33	0.38	0.33	0.35	7.69	ppb
Copper	63-2	3.65	4.23	3.87	3.92	7.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				105		%
Indium	115-1				115		%
Indium	115-2				107		%
Iron	54-2	721.57	766.93	709.30	732.60	4.14	ppb
Iron	56-2	714.77	784.76	735.12	744.88	4.83	ppb
Iron	57-2	681.02	754.86	713.90	716.59	5.16	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:54:56	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.74	0.76	0.71	0.74	3.01	ppb
Lead	207-1	0.69	0.72	0.70	0.70	2.10	ppb
Lead	208-1	0.72	0.75	0.72	0.73	2.72	ppb
Lithium	6-1				106		%
Magnesium	24-2	6423.31	7104.38	6814.47	6780.72	5.04	ppb
Manganese	55-2	71.50	81.24	77.25	76.66	6.39	ppb
Molybdenum	94-1	2.01	0.83	0.82	1.22	56.02	ppb
Molybdenum	95-1	0.87	0.87	0.88	0.87	0.79	ppb
Molybdenum	96-1	0.91	0.85	0.87	0.88	3.65	ppb
Molybdenum	97-1	0.84	0.88	0.87	0.87	2.28	ppb
Molybdenum	98-1	0.88	0.82	0.87	0.86	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.30	1.28	1.27	2.44	ppb
Phosphorus	31-2	228.75	289.76	234.13	250.88	13.46	ppb
Potassium	39-2	2930.02	3330.57	3062.97	3107.86	6.56	ppb
Rhodium	103-1				112		%
Rhodium	103-2				104		%
Scandium	45-1				118		%
Scandium	45-2				109		%
Selenium	82-1	0.21	0.24	0.28	0.24	13.86	ppb
Selenium	77-2	1.04	1.21	0.27	0.84	59.67	ppb
Selenium	78-2	0.78	1.93	0.46	1.06	73.07	ppb
Silicon	28-1	4491.04	4587.31	4438.12	4505.49	1.68	ppb
Silver	107-1	0.01	0.02	0.02	0.02	12.07	ppb
Silver	109-1	0.01	0.01	0.02	0.01	25.67	ppb
Sodium	23-2	22039.07	24481.08	23711.72	23410.62	5.33	ppb
Strontium	86-1	91.67	88.98	89.38	90.01	1.62	ppb
Strontium	88-1	92.73	92.11	92.13	92.32	0.38	ppb
Sulfur	34-1	4702.78	5339.20	4760.77	4934.25	7.13	ppb
Terbium	159-1				111		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.03	-0.01	-0.02		ppb
Thallium	205-1	-0.03	-0.04	-0.03	-0.03		ppb
Tin	118-1	0.05	0.09	0.06	0.07	31.16	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:54:56	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11.49	12.55	11.57	11.87	4.99	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	3.04	ppb
Vanadium	51-2	1.62	1.84	1.71	1.73	6.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				107		%
Zinc	66-2	21.44	23.95	22.65	22.68	5.54	ppb
Zirconium	90-1	1.64	1.94	2.54	2.04	22.53	ppb
Zirconium	91-1	1.73	1.93	1.64	1.77	8.63	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-02	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:57:55	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48.11	48.80	55.22	50.71	7.74	ppb
Antimony	121-1	1.27	1.25	1.26	1.26	0.77	ppb
Arsenic	75-2	4.61	4.58	5.23	4.81	7.59	ppb
Barium	135-1	140.58	139.24	138.53	139.45	0.75	ppb
Barium	137-1	141.70	140.89	141.44	141.35	0.29	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	540.98	587.10	586.25	571.44	4.62	ppb
Boron	11-1	556.16	561.58	633.51	583.75	7.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.30	0.19	0.24	23.12	ppb
Cadmium	106-1	1.18	1.58	0.15	0.97	75.71	ppb
Cadmium	108-1	0.11	0.05	0.01	0.06	84.82	ppb
Calcium	43-1	167456.20	170630.64	174582.84	170889.90	2.09	ppb
Calcium	44-1	170668.74	170379.08	173214.59	171420.80	0.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.57	0.73	0.63	13.31	ppb
Cobalt	59-2	0.79	0.80	0.89	0.83	6.24	ppb
Copper	63-2	4.28	4.12	4.54	4.31	4.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				103		%
Indium	115-1				112		%
Indium	115-2				105		%
Iron	54-2	210.36	201.91	224.33	212.20	5.33	ppb
Iron	56-2	205.42	203.69	224.98	211.36	5.60	ppb
Iron	57-2	209.96	232.07	244.90	228.97	7.72	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-02	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:57:55	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.66	0.69	0.63	0.66	4.28	ppb
Lead	207-1	0.62	0.65	0.64	0.64	1.94	ppb
Lead	208-1	0.62	0.66	0.66	0.65	3.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	24932.69	25253.16	27311.59	25832.48	5.00	ppb
Manganese	55-2	752.77	746.89	854.49	784.72	7.71	ppb
Molybdenum	94-1	1.74	1.71	1.84	1.76	3.63	ppb
Molybdenum	95-1	2.45	2.39	2.35	2.40	2.24	ppb
Molybdenum	96-1	2.25	2.17	2.28	2.23	2.60	ppb
Molybdenum	97-1	2.33	2.34	2.28	2.32	1.45	ppb
Molybdenum	98-1	2.33	2.41	2.35	2.36	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.48	2.46	2.82	2.59	7.82	ppb
Phosphorus	31-2	65.42	51.64	58.48	58.51	11.77	ppb
Potassium	39-2	8197.90	8175.01	8797.29	8390.07	4.21	ppb
Rhodium	103-1				110		%
Rhodium	103-2				101		%
Scandium	45-1				117		%
Scandium	45-2				111		%
Selenium	82-1	0.36	1.27	1.05	0.89	52.92	ppb
Selenium	77-2	0.24	2.27	0.76	1.09	96.59	ppb
Selenium	78-2	0.83	0.20	2.10	1.04	93.08	ppb
Silicon	28-1	9639.04	9813.37	10107.96	9853.46	2.41	ppb
Silver	107-1	0.02	0.01	0.02	0.01	28.10	ppb
Silver	109-1	0.01	0.01	0.01	0.01	40.48	ppb
Sodium	23-2	145804.17	147402.71	158203.80	150470.23	4.48	ppb
Strontium	86-1	1175.07	1212.63	1208.46	1198.72	1.72	ppb
Strontium	88-1	1188.84	1193.42	1208.67	1196.98	0.87	ppb
Sulfur	34-1	93886.77	96871.38	95093.46	95283.87	1.58	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.01	0.03	0.04	0.03	52.18	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-02	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:57:55	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.05	2.36	1.85	2.09	12.16	ppb
Uranium	238-1	4.26	4.37	4.22	4.28	1.87	ppb
Vanadium	51-2	2.99	2.98	3.32	3.10	6.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				109		%
Zinc	66-2	124.77	125.16	137.16	129.03	5.46	ppb
Zirconium	90-1	0.87	0.89	0.96	0.91	4.76	ppb
Zirconium	91-1	1.42	0.97	2.32	1.57	43.74	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:19:09	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50702.70	50794.73	50633.32	50710.25	0.16	ppb
Antimony	121-1	494.59	505.98	495.40	498.65	1.27	ppb
Arsenic	75-2	505.21	504.70	493.95	501.29	1.27	ppb
Barium	135-1	2519.87	2518.82	2492.88	2510.53	0.61	ppb
Barium	137-1	2539.42	2542.29	2521.40	2534.37	0.45	ppb
Beryllium	9-1	500.73	489.65	495.12	495.17	1.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	509.84	505.64	524.81	513.43	1.96	ppb
Boron	11-1	493.02	487.85	553.27	511.38	7.11	ppb
Bromine	81-1						cps
Cadmium	111-1	522.29	523.29	533.51	526.36	1.18	ppb
Cadmium	106-1	539.04	548.21	536.28	541.18	1.15	ppb
Cadmium	108-1	531.46	523.59	535.79	530.28	1.17	ppb
Calcium	43-1	247475.06	240569.60	247514.45	245186.37	1.63	ppb
Calcium	44-1	243106.39	243824.91	249075.02	245335.44	1.33	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	479.31	479.58	477.55	478.81	0.23	ppb
Cobalt	59-2	490.50	497.10	484.40	490.67	1.30	ppb
Copper	63-2	4703.97	4761.47	4598.89	4688.11	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	123683.54	124846.31	118823.49	122451.11	2.61	ppb
Iron	56-2	124666.26	125253.70	119412.45	123110.80	2.61	ppb
Iron	57-2	122150.28	124429.73	121285.76	122621.92	1.32	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:19:09	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2457.57	2437.70	2477.10	2457.46	0.80	ppb
Lead	207-1	2481.58	2425.84	2487.53	2464.99	1.38	ppb
Lead	208-1	2501.12	2429.72	2522.40	2484.41	1.95	ppb
Lithium	6-1				105		%
Magnesium	24-2	254670.17	256512.01	254589.95	255257.38	0.43	ppb
Manganese	55-2	4830.13	4831.00	4633.42	4764.85	2.39	ppb
Molybdenum	94-1	2447.48	2355.73	2471.33	2424.85	2.52	ppb
Molybdenum	95-1	2419.37	2379.59	2473.47	2424.14	1.94	ppb
Molybdenum	96-1	2387.92	2364.61	2446.55	2399.69	1.76	ppb
Molybdenum	97-1	2427.95	2354.55	2443.38	2408.63	1.97	ppb
Molybdenum	98-1	2419.41	2400.74	2470.40	2430.18	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.97	500.31	491.01	500.10	1.80	ppb
Phosphorus	31-2	9965.78	9827.76	9671.48	9821.67	1.50	ppb
Potassium	39-2	123046.23	122220.40	119419.41	121562.02	1.56	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				115		%
Scandium	45-2				115		%
Selenium	82-1	486.70	488.04	495.73	490.16	0.99	ppb
Selenium	77-2	482.71	484.29	490.16	485.72	0.81	ppb
Selenium	78-2	504.72	495.94	492.67	497.78	1.25	ppb
Silicon	28-1	579.77	624.70	662.71	622.39	6.67	ppb
Silver	107-1	488.47	490.90	500.35	493.24	1.27	ppb
Silver	109-1	499.34	477.81	478.44	485.20	2.53	ppb
Sodium	23-2	249050.54	250850.52	244291.32	248064.13	1.37	ppb
Strontium	86-1	4824.72	4946.71	5093.72	4955.05	2.72	ppb
Strontium	88-1	4887.60	4883.25	5002.09	4924.31	1.37	ppb
Sulfur	34-1	10051.24	10061.18	10263.82	10125.41	1.18	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	508.91	491.18	496.31	498.80	1.83	ppb
Thallium	205-1	498.96	485.61	499.09	494.55	1.57	ppb
Tin	118-1	498.21	493.27	494.46	495.31	0.52	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:19:09	DataFile Name :	048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2412.23	2491.71	2440.00	2447.98	1.65	ppb
Uranium	238-1	495.99	485.39	518.05	499.81	3.33	ppb
Vanadium	51-2	494.06	484.86	488.85	489.26	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				111		%
Zinc	66-2	4647.04	4711.79	4496.55	4618.46	2.39	ppb
Zirconium	90-1	4924.08	4771.91	4862.40	4852.80	1.58	ppb
Zirconium	91-1	4946.28	4843.00	5069.72	4953.00	2.29	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:27:43	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	0.40	0.14	0.37	60.43	ppb
Antimony	121-1	0.05	0.05	0.10	0.07	46.44	ppb
Arsenic	75-2	-0.03	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.06	0.03	0.02	0.04	59.63	ppb
Barium	137-1	0.02	0.03	0.01	0.02	31.70	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	57.98	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	16.17	15.54	16.08	15.93	2.13	ppb
Boron	11-1	16.22	15.77	16.86	16.29	3.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.23	0.05	0.17	0.15	62.72	ppb
Cadmium	106-1	2.95	0.48	2.47	1.97	66.47	ppb
Cadmium	108-1	0.00	-0.14	0.10	-0.01		ppb
Calcium	43-1	2.97	1.08	3.82	2.62	53.36	ppb
Calcium	44-1	8.76	7.44	16.65	10.95	45.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	-0.01	0.01	469.23	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	40.13	ppb
Copper	63-2	0.05	0.07	0.06	0.06	17.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	0.43	1.04	1.94	1.14	66.62	ppb
Iron	56-2	1.06	0.93	1.08	1.02	8.32	ppb
Iron	57-2	1.04	1.34	0.90	1.09	20.43	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:27:43	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.08	0.12	0.10	17.81	ppb
Lead	207-1	0.10	0.10	0.09	0.10	9.80	ppb
Lead	208-1	0.10	0.10	0.11	0.10	8.81	ppb
Lithium	6-1				104		%
Magnesium	24-2	2.46	1.81	3.11	2.46	26.28	ppb
Manganese	55-2	0.09	0.07	0.05	0.07	30.11	ppb
Molybdenum	94-1	0.03	0.04	0.04	0.04	22.08	ppb
Molybdenum	95-1	0.04	0.03	0.04	0.04	4.78	ppb
Molybdenum	96-1	0.02	0.03	0.04	0.03	25.79	ppb
Molybdenum	97-1	0.06	0.03	0.05	0.04	33.93	ppb
Molybdenum	98-1	0.04	0.04	0.05	0.04	11.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	58.77	ppb
Phosphorus	31-2	-6.49	-5.21	0.46	-3.75		ppb
Potassium	39-2	20.60	17.48	18.14	18.74	8.76	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				113		%
Selenium	82-1	-0.21	-0.33	0.08	-0.15		ppb
Selenium	77-2	0.26	-0.15	0.25	0.12	198.49	ppb
Selenium	78-2	0.40	0.47	-0.21	0.22	168.76	ppb
Silicon	28-1	-4.19	-5.11	3.95	-1.79		ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.42	ppb
Silver	109-1	0.01	0.02	0.02	0.02	16.83	ppb
Sodium	23-2	26.58	24.67	25.44	25.56	3.77	ppb
Strontium	86-1	-0.02	0.01	0.10	0.03	195.10	ppb
Strontium	88-1	0.04	0.04	0.05	0.04	18.47	ppb
Sulfur	34-1	-1331.58	-1430.08	-240.90	-1000.85		ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.05	0.06	0.04	62.02	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	20.81	ppb
Tin	118-1	-0.01	-0.03	0.01	-0.01		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:27:43	DataFile Name :	049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	-0.01	-0.01	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	116.51	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	31.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				111		%
Zinc	66-2	0.34	0.70	0.41	0.48	40.18	ppb
Zirconium	90-1	0.16	0.09	0.00	0.09	93.22	ppb
Zirconium	91-1	0.16	0.06	0.03	0.09	79.83	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	PB139428BL	Instrumnet Name :	P8
Client Sample ID :	PB139428BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:30:45	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	0.31	0.28	0.46	61.98	ppb
Antimony	121-1	0.02	0.02	0.04	0.03	36.75	ppb
Arsenic	75-2	-0.03	-0.04	-0.03	-0.03		ppb
Barium	135-1	0.02	0.03	0.01	0.02	64.79	ppb
Barium	137-1	0.00	0.03	0.02	0.02	93.95	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	11.92	11.69	11.26	11.62	2.86	ppb
Boron	11-1	12.33	12.19	11.25	11.93	4.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.11	0.27	0.16	0.18	44.89	ppb
Cadmium	106-1	1.64	3.57	2.40	2.54	38.23	ppb
Cadmium	108-1	0.15	-0.19	0.10	0.02	1012.80	ppb
Calcium	43-1	0.24	0.54	0.27	0.35	47.36	ppb
Calcium	44-1	8.89	9.02	5.86	7.92	22.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.01	0.03	51.68	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.02	0.02	0.03	77.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				113		%
Indium	115-2				105		%
Iron	54-2	1.72	0.64	1.03	1.13	48.60	ppb
Iron	56-2	1.25	0.97	1.04	1.09	13.48	ppb
Iron	57-2	1.08	1.15	1.03	1.09	5.67	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	PB139428BL	Instrumnet Name :	P8
Client Sample ID :	PB139428BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:30:45	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.08	10.26	ppb
Lead	207-1	0.06	0.07	0.07	0.07	13.18	ppb
Lead	208-1	0.08	0.08	0.07	0.08	6.59	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.93	2.21	2.58	2.57	13.96	ppb
Manganese	55-2	0.07	0.07	0.04	0.06	21.55	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.01	69.87	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.03	20.30	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	30.50	ppb
Molybdenum	97-1	0.02	0.02	0.01	0.02	48.73	ppb
Molybdenum	98-1	0.04	0.02	0.03	0.03	44.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.02	0.02	26.12	ppb
Phosphorus	31-2	-2.09	-10.55	8.90	-1.24		ppb
Potassium	39-2	26.37	19.87	16.71	20.98	23.48	ppb
Rhodium	103-1				115		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				109		%
Selenium	82-1	-0.17	0.27	0.09	0.06	350.53	ppb
Selenium	77-2	-0.15	-0.15	-0.15	-0.15		ppb
Selenium	78-2	0.55	1.00	0.21	0.59	68.04	ppb
Silicon	28-1	-1.24	-3.53	-4.88	-3.21		ppb
Silver	107-1	0.01	0.01	0.01	0.01	19.42	ppb
Silver	109-1	0.01	0.01	0.01	0.01	15.40	ppb
Sodium	23-2	28.66	22.73	22.80	24.73	13.76	ppb
Strontium	86-1	0.02	-0.02	-0.01	0.00		ppb
Strontium	88-1	0.04	0.04	0.04	0.04	3.38	ppb
Sulfur	34-1	-946.27	-1128.79	-1447.81	-1174.29		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.02	0.02	0.02	16.52	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	70.85	ppb
Tin	118-1	-0.01	-0.02	-0.03	-0.02		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	PB139428BL	Instrumnet Name :	P8
Client Sample ID :	PB139428BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:30:45	DataFile Name :	050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	-0.03	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	270.99	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	371.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				105		%
Zinc	66-2	0.09	-0.03	0.10	0.06	127.89	ppb
Zirconium	90-1	0.05	0.02	0.09	0.05	66.81	ppb
Zirconium	91-1	0.19	-0.20	-0.06	-0.02		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	PB139428BS	Instrumnet Name :	P8
Client Sample ID :	PB139428BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:33:48	DataFile Name :	051LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10443.41	10417.82	10381.01	10414.08	0.30	ppb
Antimony	121-1	512.50	508.81	511.98	511.10	0.39	ppb
Arsenic	75-2	518.86	514.05	505.92	512.94	1.27	ppb
Barium	135-1	2571.58	2550.00	2479.22	2533.60	1.91	ppb
Barium	137-1	2633.99	2567.28	2530.93	2577.40	2.03	ppb
Beryllium	9-1	506.47	509.65	506.68	507.60	0.35	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	455.92	476.30	479.17	470.46	2.69	ppb
Boron	11-1	479.03	480.11	482.97	480.70	0.42	ppb
Bromine	81-1						cps
Cadmium	111-1	563.28	527.52	510.38	533.72	5.06	ppb
Cadmium	106-1	552.40	533.77	533.13	539.76	2.03	ppb
Cadmium	108-1	525.94	522.25	519.11	522.43	0.65	ppb
Calcium	43-1	54207.96	53777.41	54478.52	54154.63	0.65	ppb
Calcium	44-1	50922.44	52132.70	52419.51	51824.88	1.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	501.22	501.46	498.75	500.48	0.30	ppb
Cobalt	59-2	504.37	504.59	499.74	502.90	0.55	ppb
Copper	63-2	4977.56	4964.21	4901.05	4947.60	0.83	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				113		%
Holmium	165-2				107		%
Indium	115-1				113		%
Indium	115-2				106		%
Iron	54-2	26877.63	26633.95	26483.42	26665.00	0.75	ppb
Iron	56-2	26588.01	26206.24	25971.88	26255.38	1.18	ppb
Iron	57-2	26917.54	27043.94	26878.49	26946.66	0.32	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	PB139428BS	Instrumnet Name :	P8
Client Sample ID :	PB139428BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:33:48	DataFile Name :	051LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2520.85	2542.58	2479.28	2514.23	1.28	ppb
Lead	207-1	2559.04	2490.03	2505.34	2518.14	1.44	ppb
Lead	208-1	2551.30	2514.78	2490.27	2518.78	1.22	ppb
Lithium	6-1				107		%
Magnesium	24-2	54310.15	52343.64	53360.58	53338.12	1.84	ppb
Manganese	55-2	5024.69	4968.88	4984.05	4992.54	0.58	ppb
Molybdenum	94-1	2530.78	2521.06	2512.09	2521.31	0.37	ppb
Molybdenum	95-1	2481.57	2530.77	2485.58	2499.31	1.09	ppb
Molybdenum	96-1	2471.04	2478.08	2481.27	2476.80	0.21	ppb
Molybdenum	97-1	2521.10	2529.12	2506.63	2518.95	0.45	ppb
Molybdenum	98-1	2493.03	2517.32	2517.90	2509.42	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.83	478.88	470.35	473.35	1.01	ppb
Phosphorus	31-2	10284.83	10037.81	10386.58	10236.40	1.75	ppb
Potassium	39-2	25161.32	25437.63	25643.92	25414.29	0.95	ppb
Rhodium	103-1				110		%
Rhodium	103-2				106		%
Scandium	45-1				115		%
Scandium	45-2				114		%
Selenium	82-1	514.39	513.33	520.69	516.14	0.77	ppb
Selenium	77-2	492.78	534.23	515.39	514.13	4.04	ppb
Selenium	78-2	527.12	527.67	512.75	522.51	1.62	ppb
Silicon	28-1	502.82	509.05	526.15	512.67	2.36	ppb
Silver	107-1	537.52	519.52	522.89	526.65	1.82	ppb
Silver	109-1	544.08	515.87	511.64	523.86	3.37	ppb
Sodium	23-2	52309.85	50437.14	52032.02	51593.00	1.96	ppb
Strontium	86-1	5056.56	5149.55	5154.74	5120.28	1.08	ppb
Strontium	88-1	5135.34	5067.68	5091.46	5098.16	0.67	ppb
Sulfur	34-1	10776.90	10992.64	10241.76	10670.43	3.62	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	510.32	516.73	506.30	511.12	1.03	ppb
Thallium	205-1	504.70	513.27	493.25	503.74	1.99	ppb
Tin	118-1	515.22	523.06	523.23	520.50	0.88	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	PB139428BS	Instrumnet Name :	P8
Client Sample ID :	PB139428BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:33:48	DataFile Name :	051LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2465.75	2435.13	2528.13	2476.34	1.91	ppb
Uranium	238-1	483.51	492.25	488.19	487.98	0.90	ppb
Vanadium	51-2	504.55	502.09	507.63	504.76	0.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				110		%
Zinc	66-2	4938.93	5086.44	4918.68	4981.35	1.84	ppb
Zirconium	90-1	5012.08	5020.38	4986.95	5006.47	0.35	ppb
Zirconium	91-1	5105.21	5186.71	5202.51	5164.81	1.01	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:36:41	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10571.49	11097.81	10733.80	10801.03	2.50	ppb
Antimony	121-1	499.16	499.73	509.19	502.69	1.12	ppb
Arsenic	75-2	514.72	510.03	517.76	514.17	0.76	ppb
Barium	135-1	2667.15	2712.58	2739.18	2706.31	1.35	ppb
Barium	137-1	2710.57	2711.62	2740.65	2720.94	0.63	ppb
Beryllium	9-1	505.62	492.63	495.05	497.77	1.39	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	580.72	582.87	630.60	598.06	4.71	ppb
Boron	11-1	589.47	562.09	595.91	582.49	3.08	ppb
Bromine	81-1						cps
Cadmium	111-1	501.39	525.63	515.32	514.11	2.37	ppb
Cadmium	106-1	510.34	530.33	519.29	519.99	1.93	ppb
Cadmium	108-1	514.69	523.45	508.63	515.59	1.44	ppb
Calcium	43-1	73885.07	74588.80	74933.81	74469.23	0.72	ppb
Calcium	44-1	70990.31	71686.67	73332.65	72003.21	1.67	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	474.91	490.13	487.77	484.27	1.69	ppb
Cobalt	59-2	485.56	497.26	491.64	491.49	1.19	ppb
Copper	63-2	5220.79	5315.92	5293.55	5276.75	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				106		%
Iron	54-2	27518.07	28566.04	28556.35	28213.48	2.13	ppb
Iron	56-2	27374.02	28383.92	27656.35	27804.76	1.87	ppb
Iron	57-2	28012.29	29227.77	28564.20	28601.42	2.13	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:36:41	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2431.83	2547.60	2509.82	2496.41	2.36	ppb
Lead	207-1	2486.67	2624.96	2480.51	2530.71	3.23	ppb
Lead	208-1	2468.06	2560.47	2500.34	2509.63	1.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	58462.43	60990.31	61805.93	60419.56	2.89	ppb
Manganese	55-2	5419.27	5584.86	5562.20	5522.11	1.63	ppb
Molybdenum	94-1	3899.00	3727.31	3828.72	3818.34	2.26	ppb
Molybdenum	95-1	4588.63	4429.19	4571.62	4529.81	1.93	ppb
Molybdenum	96-1	4469.76	4352.56	4439.90	4420.74	1.38	ppb
Molybdenum	97-1	4563.98	4493.91	4542.03	4533.31	0.79	ppb
Molybdenum	98-1	4595.90	4588.46	4643.36	4609.24	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	452.35	462.27	458.87	457.83	1.10	ppb
Phosphorus	31-2	348.16	373.20	324.90	348.75	6.93	ppb
Potassium	39-2	28353.33	29881.87	29679.13	29304.78	2.83	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	488.11	492.73	489.49	490.11	0.48	ppb
Selenium	77-2	504.03	511.99	529.31	515.11	2.51	ppb
Selenium	78-2	503.85	492.71	504.93	500.50	1.35	ppb
Silicon	28-1	5085.45	5059.65	5107.97	5084.36	0.48	ppb
Silver	107-1	551.44	595.31	572.67	573.14	3.83	ppb
Silver	109-1	500.92	563.49	446.32	503.58	11.64	ppb
Sodium	23-2	78270.23	81170.59	81043.27	80161.36	2.04	ppb
Strontium	86-1	4874.15	4924.73	5030.86	4943.25	1.62	ppb
Strontium	88-1	4896.94	4783.12	5025.37	4901.81	2.47	ppb
Sulfur	34-1	7084.54	6936.99	7041.85	7021.13	1.08	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	483.46	504.72	491.57	493.25	2.18	ppb
Thallium	205-1	477.60	496.98	493.94	489.51	2.13	ppb
Tin	118-1	527.72	537.46	530.78	531.99	0.94	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:36:41	DataFile Name :	052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4481.28	4527.18	4451.59	4486.68	0.85	ppb
Uranium	238-1	487.10	496.21	483.77	489.03	1.32	ppb
Vanadium	51-2	474.80	496.39	502.64	491.28	2.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				108		%
Zinc	66-2	5163.56	5176.71	5304.53	5214.93	1.49	ppb
Zirconium	90-1	4741.92	4667.66	4666.36	4691.98	0.92	ppb
Zirconium	91-1	4864.13	4767.29	4809.96	4813.80	1.01	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:39:36	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10585.36	10626.07	10642.26	10617.89	0.28	ppb
Antimony	121-1	519.38	492.37	506.46	506.07	2.67	ppb
Arsenic	75-2	500.63	514.80	510.71	508.71	1.43	ppb
Barium	135-1	2767.54	2706.32	2731.89	2735.25	1.12	ppb
Barium	137-1	2763.83	2773.87	2765.20	2767.63	0.20	ppb
Beryllium	9-1	480.09	479.42	487.86	482.45	0.97	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	581.29	621.54	601.61	601.48	3.35	ppb
Boron	11-1	578.54	603.62	612.89	598.35	2.97	ppb
Bromine	81-1						cps
Cadmium	111-1	513.51	511.68	501.81	509.00	1.24	ppb
Cadmium	106-1	538.76	517.39	517.54	524.56	2.34	ppb
Cadmium	108-1	532.98	522.21	514.98	523.39	1.73	ppb
Calcium	43-1	73785.67	76182.28	73090.48	74352.81	2.18	ppb
Calcium	44-1	73258.87	72487.64	72846.58	72864.36	0.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.83	476.22	485.21	481.75	1.00	ppb
Cobalt	59-2	493.15	481.56	476.20	483.64	1.79	ppb
Copper	63-2	5285.78	5203.72	5167.95	5219.15	1.16	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				114		%
Holmium	165-2				107		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	54-2	27854.02	27389.41	27707.39	27650.27	0.86	ppb
Iron	56-2	27283.83	26768.76	26611.11	26887.90	1.31	ppb
Iron	57-2	27962.28	27615.45	27415.84	27664.52	1.00	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:39:36	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2445.55	2504.59	2451.13	2467.09	1.32	ppb
Lead	207-1	2487.42	2528.29	2579.06	2531.59	1.81	ppb
Lead	208-1	2482.46	2493.55	2517.41	2497.81	0.71	ppb
Lithium	6-1				106		%
Magnesium	24-2	58893.40	59113.35	58781.57	58929.44	0.29	ppb
Manganese	55-2	5451.37	5338.89	5411.31	5400.52	1.06	ppb
Molybdenum	94-1	3834.02	3946.56	3798.65	3859.74	2.00	ppb
Molybdenum	95-1	4455.14	4611.60	4529.24	4531.99	1.73	ppb
Molybdenum	96-1	4402.49	4494.22	4423.36	4440.02	1.08	ppb
Molybdenum	97-1	4491.13	4551.41	4509.24	4517.26	0.68	ppb
Molybdenum	98-1	4443.95	4560.49	4536.71	4513.72	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	460.67	454.88	456.83	457.46	0.64	ppb
Phosphorus	31-2	323.68	302.57	343.02	323.09	6.26	ppb
Potassium	39-2	28950.89	29147.82	28580.34	28893.02	1.00	ppb
Rhodium	103-1				108		%
Rhodium	103-2				105		%
Scandium	45-1				115		%
Scandium	45-2				113		%
Selenium	82-1	493.01	502.41	489.29	494.90	1.37	ppb
Selenium	77-2	465.84	500.35	479.93	482.04	3.60	ppb
Selenium	78-2	479.66	497.95	499.34	492.32	2.23	ppb
Silicon	28-1	4917.86	4917.37	5092.29	4975.84	2.03	ppb
Silver	107-1	550.72	555.33	552.81	552.95	0.42	ppb
Silver	109-1	580.75	528.96	441.34	517.02	13.63	ppb
Sodium	23-2	78196.02	78136.80	79449.39	78594.07	0.94	ppb
Strontium	86-1	4932.49	5038.10	4885.94	4952.18	1.57	ppb
Strontium	88-1	4951.64	5081.22	4856.67	4963.17	2.27	ppb
Sulfur	34-1	6510.32	6715.58	7148.60	6791.50	4.80	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	482.73	493.35	489.55	488.55	1.10	ppb
Thallium	205-1	481.13	493.66	489.95	488.25	1.32	ppb
Tin	118-1	549.50	521.54	530.52	533.85	2.67	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:39:36	DataFile Name :	053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4397.72	4367.22	4463.31	4409.42	1.11	ppb
Uranium	238-1	477.86	489.38	488.37	485.20	1.31	ppb
Vanadium	51-2	486.89	491.04	495.87	491.27	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				114		%
Yttrium	89-2				109		%
Zinc	66-2	5252.77	5205.13	5085.64	5181.18	1.66	ppb
Zirconium	90-1	4686.96	4723.34	4763.16	4724.49	0.81	ppb
Zirconium	91-1	4736.89	4915.57	4848.31	4833.59	1.87	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:42:29	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10727.28	11015.70	11239.53	10994.17	2.34	ppb
Antimony	121-1	532.41	506.59	504.05	514.35	3.05	ppb
Arsenic	75-2	508.29	505.33	506.48	506.70	0.29	ppb
Barium	135-1	2897.83	2786.08	2742.84	2808.92	2.85	ppb
Barium	137-1	2843.06	2747.64	2707.27	2765.99	2.52	ppb
Beryllium	9-1	545.80	488.57	479.70	504.69	7.11	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	639.37	626.40	610.70	625.49	2.30	ppb
Boron	11-1	639.00	616.01	619.01	624.67	2.00	ppb
Bromine	81-1						cps
Cadmium	111-1	511.72	501.50	501.34	504.85	1.18	ppb
Cadmium	106-1	546.26	529.90	518.50	531.55	2.62	ppb
Cadmium	108-1	535.30	516.70	515.72	522.57	2.11	ppb
Calcium	43-1	76334.01	73718.38	75580.52	75210.97	1.79	ppb
Calcium	44-1	75596.12	72865.91	72864.68	73775.57	2.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.77	496.08	495.80	497.22	0.45	ppb
Cobalt	59-2	488.60	482.46	487.06	486.04	0.66	ppb
Copper	63-2	5280.02	5290.78	5267.03	5279.28	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				107		%
Iron	54-2	28406.84	28404.45	27654.96	28155.42	1.54	ppb
Iron	56-2	27521.84	28380.75	27416.93	27773.17	1.90	ppb
Iron	57-2	28192.73	28878.81	28025.17	28365.57	1.59	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:42:29	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2562.11	2458.93	2455.96	2492.33	2.43	ppb
Lead	207-1	2672.92	2482.60	2486.06	2547.19	4.28	ppb
Lead	208-1	2627.25	2489.49	2471.14	2529.29	3.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	60282.12	59709.52	59140.45	59710.70	0.96	ppb
Manganese	55-2	5542.39	5528.60	5447.51	5506.17	0.93	ppb
Molybdenum	94-1	4154.50	4004.13	3889.33	4015.99	3.31	ppb
Molybdenum	95-1	4901.80	4707.10	4503.17	4704.02	4.24	ppb
Molybdenum	96-1	4730.90	4565.86	4350.95	4549.24	4.19	ppb
Molybdenum	97-1	4794.19	4784.12	4485.16	4687.82	3.75	ppb
Molybdenum	98-1	4805.59	4750.84	4465.60	4674.01	3.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.70	455.33	460.90	458.64	0.64	ppb
Phosphorus	31-2	323.27	305.36	318.05	315.56	2.92	ppb
Potassium	39-2	29220.43	28466.57	28834.70	28840.57	1.31	ppb
Rhodium	103-1				107		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				113		%
Selenium	82-1	518.33	506.27	492.46	505.69	2.56	ppb
Selenium	77-2	491.12	488.77	448.10	476.00	5.08	ppb
Selenium	78-2	500.81	493.17	499.21	497.73	0.81	ppb
Silicon	28-1	5235.43	5147.62	5292.91	5225.32	1.40	ppb
Silver	107-1	546.34	585.60	501.07	544.34	7.77	ppb
Silver	109-1	618.16	595.91	444.67	552.91	17.07	ppb
Sodium	23-2	78412.35	79807.22	79914.93	79378.17	1.06	ppb
Strontium	86-1	5376.43	5154.22	4992.23	5174.29	3.73	ppb
Strontium	88-1	5316.80	5224.68	4979.21	5173.57	3.37	ppb
Sulfur	34-1	7253.19	6750.99	7077.79	7027.33	3.63	ppb
Terbium	159-1				109		%
Terbium	159-2				108		%
Thallium	203-1	508.61	491.57	478.63	492.94	3.05	ppb
Thallium	205-1	493.17	487.51	473.66	484.78	2.07	ppb
Tin	118-1	551.05	540.78	544.51	545.45	0.95	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:42:29	DataFile Name :	054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4746.42	4616.35	4464.93	4609.23	3.06	ppb
Uranium	238-1	499.72	493.03	477.02	489.92	2.38	ppb
Vanadium	51-2	496.82	489.49	499.54	495.28	1.05	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				110		%
Zinc	66-2	5239.01	5235.17	5182.50	5218.89	0.61	ppb
Zirconium	90-1	4980.79	4832.63	4731.19	4848.20	2.59	ppb
Zirconium	91-1	5110.52	4838.61	4821.77	4923.63	3.29	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:55:27	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51617.91	50618.60	50691.12	50975.88	1.09	ppb
Antimony	121-1	515.43	496.94	485.82	499.39	3.00	ppb
Arsenic	75-2	520.76	510.10	503.08	511.31	1.74	ppb
Barium	135-1	2601.88	2530.00	2469.44	2533.77	2.62	ppb
Barium	137-1	2581.88	2558.51	2453.24	2531.21	2.71	ppb
Beryllium	9-1	498.26	500.42	492.99	497.22	0.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	509.94	525.39	526.38	520.57	1.77	ppb
Boron	11-1	496.31	529.48	520.87	515.55	3.34	ppb
Bromine	81-1						cps
Cadmium	111-1	504.21	504.27	490.27	499.58	1.61	ppb
Cadmium	106-1	542.06	526.00	504.49	524.18	3.60	ppb
Cadmium	108-1	515.58	511.55	488.12	505.08	2.94	ppb
Calcium	43-1	245994.73	244843.74	249924.12	246920.87	1.08	ppb
Calcium	44-1	244572.61	244976.70	249609.63	246386.31	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.58	486.22	480.46	485.42	0.95	ppb
Cobalt	59-2	486.98	483.24	483.08	484.43	0.46	ppb
Copper	63-2	4825.13	4773.64	4682.20	4760.32	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				107		%
Iron	54-2	124727.40	125398.97	122444.72	124190.36	1.25	ppb
Iron	56-2	123720.64	124571.23	123474.46	123922.11	0.46	ppb
Iron	57-2	122031.15	124825.97	122511.03	123122.72	1.21	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:55:27	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2484.18	2433.10	2524.48	2480.59	1.85	ppb
Lead	207-1	2508.81	2488.87	2546.59	2514.76	1.17	ppb
Lead	208-1	2507.01	2468.25	2525.14	2500.13	1.16	ppb
Lithium	6-1				108		%
Magnesium	24-2	257991.73	254741.05	253299.59	255344.12	0.94	ppb
Manganese	55-2	5046.84	5173.17	5022.14	5080.71	1.59	ppb
Molybdenum	94-1	2379.08	2461.68	2400.72	2413.83	1.77	ppb
Molybdenum	95-1	2380.37	2449.08	2400.20	2409.88	1.47	ppb
Molybdenum	96-1	2379.76	2432.53	2402.93	2405.07	1.10	ppb
Molybdenum	97-1	2374.19	2448.36	2416.00	2412.85	1.54	ppb
Molybdenum	98-1	2410.53	2451.84	2415.04	2425.81	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.17	453.79	454.04	456.34	0.92	ppb
Phosphorus	31-2	9836.91	9944.24	9783.30	9854.82	0.83	ppb
Potassium	39-2	123919.57	123109.13	120939.89	122656.19	1.26	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				115		%
Scandium	45-2				117		%
Selenium	82-1	499.37	500.14	492.61	497.37	0.83	ppb
Selenium	77-2	536.17	537.48	484.20	519.28	5.85	ppb
Selenium	78-2	519.00	512.30	502.74	511.35	1.60	ppb
Silicon	28-1	575.71	612.27	646.51	611.49	5.79	ppb
Silver	107-1	512.70	501.92	479.87	498.16	3.36	ppb
Silver	109-1	498.37	493.37	483.69	491.81	1.52	ppb
Sodium	23-2	249904.75	251991.08	252960.41	251618.75	0.62	ppb
Strontium	86-1	4926.84	4844.68	4900.53	4890.68	0.86	ppb
Strontium	88-1	4892.39	4982.79	4843.14	4906.10	1.44	ppb
Sulfur	34-1	10119.63	10046.19	10140.46	10102.10	0.49	ppb
Terbium	159-1				111		%
Terbium	159-2				108		%
Thallium	203-1	496.17	493.32	509.20	499.57	1.70	ppb
Thallium	205-1	495.67	487.13	508.88	497.22	2.20	ppb
Tin	118-1	514.94	498.68	499.83	504.48	1.80	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:55:27	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2478.40	2443.57	2476.92	2466.30	0.80	ppb
Uranium	238-1	512.38	494.85	491.16	499.46	2.27	ppb
Vanadium	51-2	493.78	500.91	485.94	493.55	1.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				112		%
Zinc	66-2	4759.73	4709.70	4642.90	4704.11	1.25	ppb
Zirconium	90-1	4936.52	4977.47	4883.09	4932.36	0.96	ppb
Zirconium	91-1	4958.97	4999.78	5029.95	4996.23	0.71	ppb

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P8
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 17:06:43 DataFile Name : 058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.11	-0.48	-0.09	-0.23		ppb
Antimony	121-1	0.05	0.07	0.07	0.06	17.10	ppb
Arsenic	75-2	-0.02	-0.03	-0.04	-0.03		ppb
Barium	135-1	0.00	-0.01	0.00	0.00		ppb
Barium	137-1	0.01	0.02	0.01	0.01	43.62	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	142.24	ppb
Bismuth	209-1				108		%
Bismuth	209-2				105		%
Boron	10-1	20.16	19.90	20.45	20.17	1.37	ppb
Boron	11-1	21.23	21.06	20.82	21.03	0.99	ppb
Bromine	81-1						cps
Cadmium	111-1	0.21	0.09	0.22	0.17	41.35	ppb
Cadmium	106-1	2.85	1.34	3.01	2.40	38.48	ppb
Cadmium	108-1	0.07	0.08	0.14	0.10	37.18	ppb
Calcium	43-1	-0.68	-1.32	-0.99	-1.00		ppb
Calcium	44-1	7.26	6.41	6.49	6.72	7.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.02	0.01	0.01	136.29	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	168.11	ppb
Copper	63-2	0.02	0.03	0.02	0.02	38.37	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				109		%
Holmium	165-2				108		%
Indium	115-1				114		%
Indium	115-2				115		%
Iron	54-2	0.28	0.34	0.29	0.30	9.92	ppb
Iron	56-2	0.22	0.46	0.36	0.35	34.94	ppb
Iron	57-2	0.60	0.48	0.04	0.37	79.84	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 17:06:43	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.10	0.12	0.12	19.77	ppb
Lead	207-1	0.15	0.11	0.13	0.13	14.70	ppb
Lead	208-1	0.15	0.12	0.13	0.13	9.80	ppb
Lithium	6-1				109		%
Magnesium	24-2	1.46	1.10	1.01	1.19	20.19	ppb
Manganese	55-2	0.00	0.01	0.02	0.01	81.35	ppb
Molybdenum	94-1	0.06	0.02	0.04	0.04	52.09	ppb
Molybdenum	95-1	0.06	0.03	0.02	0.04	61.56	ppb
Molybdenum	96-1	0.04	0.04	0.03	0.03	22.23	ppb
Molybdenum	97-1	0.05	0.01	0.01	0.03	82.98	ppb
Molybdenum	98-1	0.05	0.03	0.03	0.04	33.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	175.74	ppb
Phosphorus	31-2	1.60	-0.46	0.66	0.60	171.86	ppb
Potassium	39-2	14.04	20.14	21.90	18.69	22.07	ppb
Rhodium	103-1				115		%
Rhodium	103-2				113		%
Scandium	45-1				118		%
Scandium	45-2				120		%
Selenium	82-1	-0.24	0.17	0.34	0.09	323.23	ppb
Selenium	77-2	0.65	0.24	-0.15	0.24	164.31	ppb
Selenium	78-2	0.22	0.48	0.49	0.40	39.13	ppb
Silicon	28-1	-1.52	-2.31	-2.48	-2.10		ppb
Silver	107-1	0.05	0.02	0.03	0.03	40.43	ppb
Silver	109-1	0.06	0.03	0.03	0.04	38.77	ppb
Sodium	23-2	29.11	28.38	31.70	29.73	5.86	ppb
Strontium	86-1	0.04	-0.01	0.00	0.01	264.42	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	3.60	ppb
Sulfur	34-1	-1301.05	-1382.50	-1260.06	-1314.54		ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	0.05	0.06	0.06	0.06	8.65	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	15.25	ppb
Tin	118-1	-0.05	-0.03	-0.05	-0.04		ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 17:06:43	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.01	0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	54.65	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	52.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				116		%
Yttrium	89-2				114		%
Zinc	66-2	0.02	0.07	0.05	0.05	50.52	ppb
Zirconium	90-1	0.00	0.05	0.09	0.05	97.27	ppb
Zirconium	91-1	0.10	0.00	0.01	0.04	143.14	ppb

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:33:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	166	167	197	177	9.99	cps
Antimony	121-1	83	83	117	94	20.37	cps
Arsenic	75-2	20	18	24	21	14.78	cps
Barium	135-1	92	50	75	72	29.04	cps
Barium	137-1	150	75	75	100	43.31	cps
Beryllium	9-1	54	68	44	55	21.79	cps
Bismuth	209-1	8111443	7405121	8073977	7863513	5.05	cps
Bismuth	209-2	4970108	4966580	4952959	4963216	0.18	cps
Boron	10-1	420	356	412	396	8.81	cps
Boron	11-1	2006	2002	1984	1997	0.59	cps
Bromine	81-1	21479	22411	21519	21803	2.42	cps
Cadmium	111-1	4162	3657	4063	3961	6.76	cps
Cadmium	106-1	5901	5218	5810	5643	6.58	cps
Cadmium	108-1	63	71	71	68	7.07	cps
Calcium	43-1	466	466	517	483	6.12	cps
Calcium	44-1	41657	41459	41855	41657	0.48	cps
Carbon	12-1	6766988	6625557	6765377	6719307	1.21	cps
Carbon	12-2	63261	63387	63019	63222	0.30	cps
Chlorine	35-1	711285	708886	710596	710255	0.17	cps
Chlorine	35-2	5026	5501	5243	5257	4.52	cps
Chromium	52-2	1223	1277	1137	1212	5.83	cps
Cobalt	59-2	100	63	107	90	25.93	cps
Copper	63-2	1020	1060	967	1016	4.61	cps
Dysprosium	156-1	50	17	8	25	88.19	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	133	75	58	89	44.31	cps
Erbium	164-2	37	50	53	47	18.89	cps
Gadolinium	160-1	117	125	117	119	4.03	cps
Gadolinium	160-2	53	37	43	44	18.87	cps
Holmium	165-1	14134395	12729261	13986400	13616685	5.67	cps
Holmium	165-2	7125774	7278627	7162292	7188898	1.11	cps
Indium	115-1	13230605	11743283	13031220	12668369	6.37	cps
Indium	115-2	2306631	2266657	2272908	2282065	0.94	cps
Iron	54-2	811	750	839	800	5.68	cps
Iron	56-2	6663	6624	6668	6652	0.36	cps
Iron	57-2	111	167	133	137	20.41	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:33:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	950	870	1040	953	8.92	cps
Lead	206-1	889	761	767	806	8.97	cps
Lead	207-1	672	722	939	778	18.23	cps
Lead	208-1	3178	3272	3156	3202	1.93	cps
Lithium	6-1	6897196	5999798	6626541	6507845	7.07	cps
Magnesium	24-2	775	650	875	767	14.70	cps
Manganese	55-2	163	137	173	158	12.01	cps
Molybdenum	94-1	517	500	500	506	1.90	cps
Molybdenum	95-1	225	158	192	192	17.39	cps
Molybdenum	96-1	275	333	300	303	9.67	cps
Molybdenum	97-1	108	158	108	125	23.09	cps
Molybdenum	98-1	325	167	267	253	31.68	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	57	53	40	50	17.64	cps
Phosphorus	31-2	117	92	133	114	18.41	cps
Potassium	39-2	20098	21233	20215	20515	3.04	cps
Rhodium	103-1	13342335	12248040	13415077	13001817	5.03	cps
Rhodium	103-2	6513039	6477893	6500262	6497064	0.27	cps
Scandium	45-1	10846698	9662604	10808271	10439191	6.45	cps
Scandium	45-2	345561	347476	342317	345118	0.76	cps
Selenium	82-1	8	71	-61	6	1107.97	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	70	75	78	74	5.44	cps
Silicon	28-1	465980	463762	461614	463785	0.47	cps
Silver	107-1	100	133	108	114	15.23	cps
Silver	109-1	58	58	100	72	33.31	cps
Sodium	23-2	22968	22468	23594	23010	2.45	cps
Strontium	86-1	1667	1675	1717	1686	1.59	cps
Strontium	88-1	1692	1458	1250	1467	15.07	cps
Sulfur	34-1	445503	450663	452198	449455	0.78	cps
Terbium	159-1	15035478	13566222	14700281	14433993	5.33	cps
Terbium	159-2	7376106	7364792	7159203	7300033	1.67	cps
Thallium	203-1	592	658	542	597	9.80	cps
Thallium	205-1	1542	1675	1734	1650	5.95	cps
Tin	118-1	1208	1133	1117	1153	4.24	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:33:14	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	208	300	261	18.15	cps
Uranium	238-1	175	117	125	139	22.72	cps
Vanadium	51-2	43	20	13	26	61.64	cps
Ytterbium	172-1	50	17	42	36	48.03	cps
Ytterbium	172-2	11	22	28	20	41.67	cps
Ytterbium	176-1	1834	1617	1709	1720	6.33	cps
Ytterbium	176-2	1578	1839	1783	1733	7.94	cps
Yttrium	89-1	26615565	24428457	26466983	25837002	4.73	cps
Yttrium	89-2	3255529	3227813	3158731	3214024	1.55	cps
Zinc	66-2	693	643	667	668	3.75	cps
Zirconium	90-1	1392	1167	1258	1272	8.89	cps
Zirconium	91-1	175	275	233	228	22.05	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:39:23	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2130	2061	2064	2085	1.87	cps
Antimony	121-1	19765	19706	19264	19578	1.40	cps
Arsenic	75-2	363	353	336	351	3.89	cps
Barium	135-1	23947	24940	25166	24684	2.63	cps
Barium	137-1	42877	43445	44357	43560	1.71	cps
Beryllium	9-1	3650	3284	3402	3445	5.42	cps
Bismuth	209-1	8235591	7054959	7456132	7582227	7.92	cps
Bismuth	209-2	4955876	5053014	5030740	5013210	1.02	cps
Boron	10-1	8867	9201	9969	9346	6.05	cps
Boron	11-1	43269	44988	46829	45028	3.95	cps
Bromine	81-1	21238	22000	21168	21468	2.15	cps
Cadmium	111-1	7353	6415	6823	6864	6.85	cps
Cadmium	106-1	6810	5276	5976	6021	12.75	cps
Cadmium	108-1	313	267	338	306	11.76	cps
Calcium	43-1	21482	21379	21237	21366	0.58	cps
Calcium	44-1	384260	385632	383627	384507	0.27	cps
Carbon	12-1	6338344	6396618	6380992	6371985	0.47	cps
Carbon	12-2	59379	60810	60526	60238	1.26	cps
Chlorine	35-1	634407	625983	625732	628707	0.79	cps
Chlorine	35-2	4909	5151	4776	4945	3.85	cps
Chromium	52-2	8779	8716	8970	8822	1.50	cps
Cobalt	59-2	6728	6495	6835	6686	2.60	cps
Copper	63-2	11018	10297	10667	10661	3.38	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	42	100	75	40.06	cps
Erbium	164-2	40	47	40	42	9.12	cps
Gadolinium	160-1	92	83	142	106	29.89	cps
Gadolinium	160-2	17	70	60	49	57.98	cps
Holmium	165-1	14436787	12084630	13063307	13194908	8.95	cps
Holmium	165-2	7102371	7180394	7312541	7198435	1.48	cps
Indium	115-1	13543916	11662148	11981196	12395753	8.12	cps
Indium	115-2	2266371	2247489	2285936	2266599	0.85	cps
Iron	54-2	9509	9548	9715	9590	1.14	cps
Iron	56-2	157982	158223	156599	157601	0.56	cps
Iron	57-2	4284	3967	4212	4154	4.00	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:39:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	1063	953	986	6.87	cps
Lead	206-1	7569	7330	7302	7400	1.98	cps
Lead	207-1	6557	6491	6318	6455	1.91	cps
Lead	208-1	29981	30064	29675	29907	0.69	cps
Lithium	6-1	6719392	5786012	5998473	6167959	7.93	cps
Magnesium	24-2	135022	128885	129507	131138	2.58	cps
Manganese	55-2	2260	2040	2134	2145	5.15	cps
Molybdenum	94-1	32171	31912	32555	32213	1.00	cps
Molybdenum	95-1	35538	34836	35462	35279	1.09	cps
Molybdenum	96-1	38613	40226	39833	39557	2.13	cps
Molybdenum	97-1	21676	21818	22235	21909	1.33	cps
Molybdenum	98-1	55688	57193	54968	55950	2.03	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2050	2110	1983	2048	3.09	cps
Phosphorus	31-2	125	150	75	117	32.74	cps
Potassium	39-2	121357	120451	120736	120848	0.38	cps
Rhodium	103-1	13783870	12007615	12286191	12692559	7.53	cps
Rhodium	103-2	6465746	6350840	6446231	6420939	0.96	cps
Scandium	45-1	10732554	9514762	9704147	9983821	6.56	cps
Scandium	45-2	343818	347342	342707	344622	0.70	cps
Selenium	82-1	1127	1090	1118	1112	1.75	cps
Selenium	77-2	43	43	47	44	4.34	cps
Selenium	78-2	201	193	194	196	2.22	cps
Silicon	28-1	577085	596550	583939	585858	1.69	cps
Silver	107-1	14541	14049	14616	14402	2.14	cps
Silver	109-1	13182	13849	13507	13513	2.47	cps
Sodium	23-2	282628	272217	273412	276086	2.06	cps
Strontium	86-1	8119	8553	8311	8328	2.61	cps
Strontium	88-1	60431	59017	61628	60359	2.17	cps
Sulfur	34-1	456044	457362	457822	457076	0.20	cps
Terbium	159-1	14781641	12609009	13641435	13677362	7.95	cps
Terbium	159-2	7235719	7252672	7086282	7191558	1.27	cps
Thallium	203-1	8420	9270	8620	8770	5.07	cps
Thallium	205-1	21043	21218	20508	20923	1.77	cps
Tin	118-1	50695	50921	50887	50834	0.24	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:39:23	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12297	11338	11430	11688	4.53	cps
Uranium	238-1	40465	39186	37498	39050	3.81	cps
Vanadium	51-2	15058	14371	14337	14589	2.79	cps
Ytterbium	172-1	25	58	25	36	53.30	cps
Ytterbium	172-2	6	33	0	13	137.74	cps
Ytterbium	176-1	1583	1375	1558	1506	7.56	cps
Ytterbium	176-2	1417	1478	1433	1443	2.19	cps
Yttrium	89-1	27661315	23241278	24586002	25162865	9.00	cps
Yttrium	89-2	3147694	3138189	3229095	3171660	1.58	cps
Zinc	66-2	2170	2290	2277	2246	2.93	cps
Zirconium	90-1	33959	35563	36064	35195	3.12	cps
Zirconium	91-1	7861	7702	7736	7766	1.08	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 12:42:29 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98744	99393	98656	98931	0.41	cps
Antimony	121-1	500695	500869	506716	502760	0.68	cps
Arsenic	75-2	17409	17589	17390	17463	0.63	cps
Barium	135-1	624795	630119	641593	632169	1.36	cps
Barium	137-1	1073754	1120494	1097406	1097218	2.13	cps
Beryllium	9-1	175639	178703	173674	176005	1.44	cps
Bismuth	209-1	8203147	8147308	8190756	8180403	0.36	cps
Bismuth	209-2	4954378	4860927	4878923	4898076	1.01	cps
Boron	10-1	17411	18548	19521	18493	5.71	cps
Boron	11-1	83757	87344	92080	87727	4.76	cps
Bromine	81-1	22150	21369	21719	21746	1.80	cps
Cadmium	111-1	147799	146701	150200	148233	1.21	cps
Cadmium	106-1	20941	20816	21960	21239	2.95	cps
Cadmium	108-1	10487	10971	10975	10811	2.59	cps
Calcium	43-1	229294	232454	230026	230592	0.72	cps
Calcium	44-1	3781798	3838687	3871531	3830672	1.19	cps
Carbon	12-1	7629571	7903631	8104678	7879293	3.03	cps
Carbon	12-2	78728	77891	79900	78840	1.28	cps
Chlorine	35-1	645586	649663	648101	647783	0.32	cps
Chlorine	35-2	4534	4676	4634	4615	1.58	cps
Chromium	52-2	190811	192505	191720	191679	0.44	cps
Cobalt	59-2	339298	337717	330586	335867	1.38	cps
Copper	63-2	2819239	2778371	2834112	2810574	1.03	cps
Dysprosium	156-1	33	67	42	47	36.74	cps
Dysprosium	156-2	20	17	13	17	20.01	cps
Erbium	164-1	92	117	92	100	14.43	cps
Erbium	164-2	47	40	37	41	12.39	cps
Gadolinium	160-1	150	142	100	131	20.52	cps
Gadolinium	160-2	30	53	63	49	34.99	cps
Holmium	165-1	14282715	14338425	14346710	14322617	0.24	cps
Holmium	165-2	7064799	6971333	7329147	7121760	2.61	cps
Indium	115-1	13222482	13145307	13076689	13148159	0.55	cps
Indium	115-2	2213567	2288477	2191411	2231152	2.28	cps
Iron	54-2	434222	426746	425024	428664	1.14	cps
Iron	56-2	7860191	7825864	7881724	7855927	0.36	cps
Iron	57-2	191869	196254	192594	193572	1.21	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:42:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	977	853	928	7.06	cps
Lead	206-1	1839367	1892776	1795057	1842400	2.66	cps
Lead	207-1	1504083	1541712	1482859	1509552	1.97	cps
Lead	208-1	7264672	7320166	7145139	7243326	1.23	cps
Lithium	6-1	6488089	6560221	6455539	6501283	0.82	cps
Magnesium	24-2	1434946	1419582	1398444	1417657	1.29	cps
Manganese	55-2	962262	969423	956374	962686	0.68	cps
Molybdenum	94-1	1295350	1285286	1280706	1287114	0.58	cps
Molybdenum	95-1	1616664	1634110	1589605	1613460	1.39	cps
Molybdenum	96-1	1848488	1842646	1773471	1821535	2.29	cps
Molybdenum	97-1	963549	992692	957684	971309	1.93	cps
Molybdenum	98-1	2543160	2577224	2564407	2561597	0.67	cps
Neodymium	150-1	47	33	47	42	18.24	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	93200	93676	91298	92724	1.36	cps
Phosphorus	31-2	5401	5426	5585	5471	1.82	cps
Potassium	39-2	547804	560038	551022	552955	1.15	cps
Rhodium	103-1	13308702	13214258	13556162	13359707	1.32	cps
Rhodium	103-2	6343349	6392689	6214108	6316716	1.46	cps
Scandium	45-1	10793451	10857954	10883666	10845023	0.43	cps
Scandium	45-2	334943	332837	332473	333417	0.40	cps
Selenium	82-1	11321	11592	11580	11498	1.33	cps
Selenium	77-2	377	353	420	383	8.83	cps
Selenium	78-2	1406	1284	1331	1341	4.59	cps
Silicon	28-1	966808	977357	1014123	986096	2.52	cps
Silver	107-1	748374	757576	752153	752701	0.61	cps
Silver	109-1	714360	716147	714833	715113	0.13	cps
Sodium	23-2	2696298	2646656	2675756	2672903	0.93	cps
Strontium	86-1	2075406	2113663	2128531	2105867	1.30	cps
Strontium	88-1	17880810	17587367	17952269	17806815	1.09	cps
Sulfur	34-1	537630	532976	534790	535132	0.44	cps
Terbium	159-1	14560498	15292560	14853482	14902180	2.47	cps
Terbium	159-2	7101519	7276322	7049639	7142494	1.66	cps
Thallium	203-1	423185	415246	431613	423348	1.93	cps
Thallium	205-1	1018887	1034412	1019702	1024334	0.85	cps
Tin	118-1	465348	466507	449699	460518	2.04	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:42:29	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	533568	530573	536054	533399	0.51	cps
Uranium	238-1	1225712	1240526	1248290	1238176	0.93	cps
Vanadium	51-2	150068	148778	147191	148679	0.97	cps
Ytterbium	172-1	33	17	67	39	65.47	cps
Ytterbium	172-2	11	22	22	19	34.64	cps
Ytterbium	176-1	3559	3976	3642	3726	5.92	cps
Ytterbium	176-2	2084	2067	2245	2132	4.61	cps
Yttrium	89-1	26888403	27007546	27082084	26992678	0.36	cps
Yttrium	89-2	3086452	3077030	2999875	3054452	1.56	cps
Zinc	66-2	300521	306631	300001	302384	1.22	cps
Zirconium	90-1	1092699	1085973	1081390	1086687	0.52	cps
Zirconium	91-1	240784	239459	236805	239016	0.85	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 12:45:32 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	236323	237061	236665	236683	0.16	cps
Antimony	121-1	1243814	1261275	1242243	1249111	0.85	cps
Arsenic	75-2	42659	42605	41574	42279	1.45	cps
Barium	135-1	1637048	1681261	1655514	1657941	1.34	cps
Barium	137-1	2833620	2855382	2828477	2839159	0.50	cps
Beryllium	9-1	443920	445689	439433	443014	0.73	cps
Bismuth	209-1	8288576	8215010	8192241	8231942	0.61	cps
Bismuth	209-2	4981127	4802226	4835400	4872918	1.95	cps
Boron	10-1	43144	46626	47914	45895	5.38	cps
Boron	11-1	208917	216096	224562	216525	3.62	cps
Bromine	81-1	21158	19734	20336	20409	3.50	cps
Cadmium	111-1	363349	371889	368290	367843	1.17	cps
Cadmium	106-1	44807	43219	45041	44356	2.24	cps
Cadmium	108-1	26509	26634	26572	26572	0.24	cps
Calcium	43-1	574882	577896	572551	575109	0.47	cps
Calcium	44-1	9264685	9468689	9212450	9315275	1.45	cps
Carbon	12-1	7897595	8223243	8568234	8229691	4.08	cps
Carbon	12-2	82264	79390	78150	79935	2.64	cps
Chlorine	35-1	631112	629385	616278	625592	1.30	cps
Chlorine	35-2	4751	4251	4384	4462	5.80	cps
Chromium	52-2	463010	464957	463859	463942	0.21	cps
Cobalt	59-2	813334	824925	810145	816135	0.95	cps
Copper	63-2	6672637	6779983	6585637	6679419	1.46	cps
Dysprosium	156-1	100	42	58	67	45.06	cps
Dysprosium	156-2	17	33	40	30	40.05	cps
Erbium	164-1	125	158	125	136	14.14	cps
Erbium	164-2	53	63	37	51	26.35	cps
Gadolinium	160-1	108	233	167	169	36.91	cps
Gadolinium	160-2	67	110	73	83	28.00	cps
Holmium	165-1	14591962	14473126	14090984	14385357	1.82	cps
Holmium	165-2	7335094	7199199	7169589	7234627	1.22	cps
Indium	115-1	13259238	13100207	13183171	13180872	0.60	cps
Indium	115-2	2229481	2182540	2140932	2184318	2.03	cps
Iron	54-2	1042319	1055861	1028081	1042087	1.33	cps
Iron	56-2	19553147	19153134	18878859	19195047	1.77	cps
Iron	57-2	469989	463170	467002	466721	0.73	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:45:32	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	903	983	997	961	5.25	cps
Lead	206-1	4711047	4656460	4608232	4658580	1.10	cps
Lead	207-1	4069659	4065454	3989887	4041667	1.11	cps
Lead	208-1	18475555	18334291	18346750	18385532	0.43	cps
Lithium	6-1	6626562	6618279	6534160	6593000	0.78	cps
Magnesium	24-2	3510481	3447762	3462309	3473517	0.95	cps
Manganese	55-2	2497247	2383385	2407131	2429254	2.47	cps
Molybdenum	94-1	3247576	3291639	3288342	3275852	0.75	cps
Molybdenum	95-1	4068040	3967736	3987536	4007771	1.33	cps
Molybdenum	96-1	4524438	4416674	4402466	4447859	1.50	cps
Molybdenum	97-1	2531549	2503667	2415059	2483425	2.45	cps
Molybdenum	98-1	6438901	6308883	6316924	6354903	1.15	cps
Neodymium	150-1	147	93	93	111	27.71	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	225198	228207	225911	226438	0.69	cps
Phosphorus	31-2	12322	12614	12539	12492	1.21	cps
Potassium	39-2	1363402	1341130	1339592	1348041	0.99	cps
Rhodium	103-1	13136210	13476197	13239247	13283885	1.31	cps
Rhodium	103-2	6281319	6200019	6203939	6228426	0.74	cps
Scandium	45-1	10596894	10669721	10573821	10613479	0.47	cps
Scandium	45-2	332005	324824	325804	327544	1.19	cps
Selenium	82-1	28061	28091	28360	28171	0.58	cps
Selenium	77-2	907	920	770	866	9.59	cps
Selenium	78-2	3203	3070	3093	3122	2.28	cps
Silicon	28-1	1613359	1653533	1688174	1651689	2.27	cps
Silver	107-1	1919514	1943723	1914456	1925898	0.81	cps
Silver	109-1	1855205	1839389	1850860	1848485	0.44	cps
Sodium	23-2	6440315	6320739	6463661	6408238	1.20	cps
Strontium	86-1	5138899	5157415	5185612	5160642	0.46	cps
Strontium	88-1	43109058	43830710	44500561	43813443	1.59	cps
Sulfur	34-1	653230	646168	643763	647720	0.76	cps
Terbium	159-1	15310166	15161462	15177926	15216518	0.54	cps
Terbium	159-2	7356598	7282034	7060314	7232982	2.13	cps
Thallium	203-1	1091763	1095458	1083197	1090139	0.58	cps
Thallium	205-1	2721305	2667678	2693716	2694233	1.00	cps
Tin	118-1	1151665	1150674	1130824	1144388	1.03	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:45:32	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1300368	1286508	1325046	1303974	1.50	cps
Uranium	238-1	3378481	3333097	3394494	3368690	0.95	cps
Vanadium	51-2	361663	358889	359254	359935	0.42	cps
Ytterbium	172-1	50	67	33	50	33.34	cps
Ytterbium	172-2	22	6	28	19	62.43	cps
Ytterbium	176-1	6902	6143	6502	6516	5.82	cps
Ytterbium	176-2	3528	3706	3578	3604	2.54	cps
Yttrium	89-1	26151692	26739394	26578478	26489855	1.15	cps
Yttrium	89-2	3129117	3043039	2986774	3052976	2.35	cps
Zinc	66-2	737453	736885	731690	735343	0.43	cps
Zirconium	90-1	2720754	2749087	2824458	2764767	1.94	cps
Zirconium	91-1	597952	601407	596274	598545	0.44	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 12:48:37 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	455484	456289	458761	456845	0.37	cps
Antimony	121-1	2580020	2613692	2669066	2620926	1.72	cps
Arsenic	75-2	84085	82783	83904	83591	0.84	cps
Barium	135-1	3369561	3348392	3457855	3391936	1.71	cps
Barium	137-1	5966571	5662814	5686098	5771828	2.93	cps
Beryllium	9-1	862132	870603	859323	864019	0.68	cps
Bismuth	209-1	8314590	8544630	8379888	8413036	1.41	cps
Bismuth	209-2	4967053	4898989	5058750	4974931	1.61	cps
Boron	10-1	88545	91476	94063	91362	3.02	cps
Boron	11-1	412701	431917	444004	429541	3.68	cps
Bromine	81-1	19554	20476	18952	19661	3.90	cps
Cadmium	111-1	724364	745168	720108	729880	1.84	cps
Cadmium	106-1	79998	81877	81625	81167	1.26	cps
Cadmium	108-1	54913	53416	53533	53954	1.54	cps
Calcium	43-1	1131773	1136645	1139616	1136011	0.35	cps
Calcium	44-1	18103918	18409233	18292508	18268553	0.84	cps
Carbon	12-1	8060818	8220258	8293060	8191378	1.45	cps
Carbon	12-2	79432	81568	82213	81071	1.80	cps
Chlorine	35-1	589719	590661	590715	590365	0.09	cps
Chlorine	35-2	4251	4026	4209	4162	2.88	cps
Chromium	52-2	911229	895697	907087	904671	0.89	cps
Cobalt	59-2	1691896	1664860	1685197	1680651	0.84	cps
Copper	63-2	12731724	12961673	12770194	12821197	0.96	cps
Dysprosium	156-1	100	100	192	131	40.54	cps
Dysprosium	156-2	33	60	67	53	33.08	cps
Erbium	164-1	142	108	100	117	18.90	cps
Erbium	164-2	40	33	43	39	13.09	cps
Gadolinium	160-1	200	183	233	206	12.38	cps
Gadolinium	160-2	117	110	93	107	11.27	cps
Holmium	165-1	14996135	14894644	15045243	14978674	0.51	cps
Holmium	165-2	7211261	7283466	7242034	7245587	0.50	cps
Indium	115-1	12785843	13180292	13211506	13059214	1.82	cps
Indium	115-2	2187055	2183738	2194983	2188592	0.26	cps
Iron	54-2	2123231	2131750	2147182	2134054	0.57	cps
Iron	56-2	38429384	37380848	38118237	37976156	1.42	cps
Iron	57-2	923456	913992	912968	916805	0.63	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:48:37	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	903	1020	980	968	6.13	cps
Lead	206-1	9440555	9514994	9462434	9472661	0.40	cps
Lead	207-1	8273495	8281767	8232470	8262577	0.32	cps
Lead	208-1	37867451	38267994	37525897	37887114	0.98	cps
Lithium	6-1	6618696	6399484	6600689	6539623	1.86	cps
Magnesium	24-2	6649380	6577009	6446237	6557542	1.57	cps
Manganese	55-2	4771320	4707177	4811038	4763178	1.10	cps
Molybdenum	94-1	6563493	6407837	6448046	6473125	1.25	cps
Molybdenum	95-1	7978020	7918539	7830785	7909115	0.94	cps
Molybdenum	96-1	8752865	8701348	8864970	8773061	0.95	cps
Molybdenum	97-1	4840602	4771329	4918149	4843360	1.52	cps
Molybdenum	98-1	12813866	12711057	12560864	12695262	1.00	cps
Neodymium	150-1	127	193	140	153	23.01	cps
Neodymium	150-2	30	13	10	18	60.28	cps
Nickel	60-2	446831	444391	437367	442863	1.11	cps
Phosphorus	31-2	25005	25465	25281	25250	0.92	cps
Potassium	39-2	2575811	2576265	2571299	2574458	0.11	cps
Rhodium	103-1	13328129	13085069	13105026	13172741	1.02	cps
Rhodium	103-2	6172154	6186647	6233957	6197586	0.52	cps
Scandium	45-1	10653651	10355441	10228637	10412577	2.10	cps
Scandium	45-2	318121	319404	322868	320131	0.77	cps
Selenium	82-1	55395	55345	55525	55422	0.17	cps
Selenium	77-2	1713	2057	1757	1842	10.15	cps
Selenium	78-2	6246	6217	6269	6244	0.42	cps
Silicon	28-1	2614886	2678626	2724532	2672681	2.06	cps
Silver	107-1	3734276	3903486	3847557	3828439	2.25	cps
Silver	109-1	3687720	3609461	3688079	3661753	1.24	cps
Sodium	23-2	12414001	12397086	12571830	12460972	0.77	cps
Strontium	86-1	10210134	9975669	10364224	10183343	1.92	cps
Strontium	88-1	85792089	86960629	88231058	86994592	1.40	cps
Sulfur	34-1	793873	792609	789140	791874	0.31	cps
Terbium	159-1	15349405	15728337	15306975	15461572	1.50	cps
Terbium	159-2	7173291	7048909	7262527	7161576	1.50	cps
Thallium	203-1	2376870	2371871	2416007	2388249	1.01	cps
Thallium	205-1	5565860	5623031	5466654	5551849	1.43	cps
Tin	118-1	2342047	2369173	2458574	2389932	2.55	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:48:37	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2632596	2600219	2505176	2579330	2.57	cps
Uranium	238-1	6870793	6954526	6887087	6904136	0.64	cps
Vanadium	51-2	710555	708182	706827	708521	0.27	cps
Ytterbium	172-1	58	92	17	56	67.63	cps
Ytterbium	172-2	28	17	33	26	32.72	cps
Ytterbium	176-1	11255	11155	10897	11102	1.67	cps
Ytterbium	176-2	6240	6363	6352	6318	1.07	cps
Yttrium	89-1	26582424	26078767	26497228	26386140	1.02	cps
Yttrium	89-2	3050263	3035082	3039726	3041690	0.26	cps
Zinc	66-2	1428305	1420413	1499263	1449327	3.00	cps
Zirconium	90-1	5417784	5574765	5499141	5497230	1.43	cps
Zirconium	91-1	1203414	1206079	1209517	1206337	0.25	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:51:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	929554	921375	923049	924659	0.47	cps
Antimony	121-1	5120996	5325251	5285611	5243952	2.07	cps
Arsenic	75-2	171269	170830	170970	171023	0.13	cps
Barium	135-1	6672402	6852556	6796712	6773890	1.36	cps
Barium	137-1	11409684	11578601	11472626	11486970	0.74	cps
Beryllium	9-1	1750450	1689016	1733604	1724357	1.84	cps
Bismuth	209-1	8089983	8609166	8285351	8328167	3.15	cps
Bismuth	209-2	4857221	4955640	4985286	4932716	1.36	cps
Boron	10-1	177379	178383	186496	180753	2.77	cps
Boron	11-1	830579	860041	863508	851376	2.13	cps
Bromine	81-1	20326	21820	21468	21205	3.68	cps
Cadmium	111-1	1433875	1449139	1483736	1455583	1.76	cps
Cadmium	106-1	155176	160007	159651	158278	1.70	cps
Cadmium	108-1	105937	108296	107898	107377	1.18	cps
Calcium	43-1	2409783	2364880	2308986	2361216	2.14	cps
Calcium	44-1	37331139	36629916	37102274	37021110	0.97	cps
Carbon	12-1	8511823	8718824	9046172	8758940	3.08	cps
Carbon	12-2	90243	89455	92650	90783	1.83	cps
Chlorine	35-1	578473	573964	577845	576761	0.42	cps
Chlorine	35-2	4117	4042	3959	4040	1.96	cps
Chromium	52-2	1947348	1921056	1933970	1934124	0.68	cps
Cobalt	59-2	3404963	3389089	3356086	3383379	0.74	cps
Copper	63-2	25813235	25894901	26288076	25998738	0.98	cps
Dysprosium	156-1	233	292	400	308	27.43	cps
Dysprosium	156-2	120	113	123	119	4.28	cps
Erbium	164-1	125	200	200	175	24.75	cps
Erbium	164-2	77	77	103	86	17.99	cps
Gadolinium	160-1	258	367	417	347	23.31	cps
Gadolinium	160-2	150	177	147	158	10.42	cps
Holmium	165-1	14872088	15051718	14946031	14956612	0.60	cps
Holmium	165-2	7471544	7450080	7287641	7403088	1.36	cps
Indium	115-1	12606975	13105949	13289267	13000730	2.72	cps
Indium	115-2	2233115	2186055	2225587	2214919	1.14	cps
Iron	54-2	4268463	4341522	4331453	4313813	0.92	cps
Iron	56-2	77315521	76917152	76022418	76751697	0.86	cps
Iron	57-2	2012718	2000362	1959805	1990962	1.39	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:51:41	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	973	853	860	896	7.53	cps
Lead	206-1	18836240	18984223	18996901	18939121	0.47	cps
Lead	207-1	16428570	16343140	16672993	16481568	1.04	cps
Lead	208-1	74469483	75333835	75863352	75222224	0.94	cps
Lithium	6-1	5988364	6124844	6181932	6098380	1.63	cps
Magnesium	24-2	13402057	13478520	13397589	13426055	0.34	cps
Manganese	55-2	9687657	9644984	9635647	9656096	0.29	cps
Molybdenum	94-1	12487972	12916594	13207354	12870640	2.81	cps
Molybdenum	95-1	15334283	16003533	16243485	15860434	2.97	cps
Molybdenum	96-1	17408350	17559288	18317913	17761850	2.74	cps
Molybdenum	97-1	9428472	9633730	9790427	9617543	1.89	cps
Molybdenum	98-1	24778214	25644886	25505592	25309564	1.84	cps
Neodymium	150-1	420	313	287	340	20.75	cps
Neodymium	150-2	53	60	43	52	16.07	cps
Nickel	60-2	898669	889885	890662	893072	0.54	cps
Phosphorus	31-2	50639	51124	51250	51004	0.63	cps
Potassium	39-2	5147833	5146911	5126604	5140450	0.23	cps
Rhodium	103-1	12235665	13066686	13017050	12773134	3.65	cps
Rhodium	103-2	6085970	6221879	6282369	6196740	1.62	cps
Scandium	45-1	10233803	10420268	10522075	10392048	1.41	cps
Scandium	45-2	327237	326221	327547	327001	0.21	cps
Selenium	82-1	110450	110949	111298	110899	0.38	cps
Selenium	77-2	3530	3497	3657	3562	2.37	cps
Selenium	78-2	12391	12402	12330	12374	0.31	cps
Silicon	28-1	4578994	4564803	4859501	4667766	3.56	cps
Silver	107-1	7558755	7674736	7747352	7660281	1.24	cps
Silver	109-1	7156909	7321588	7407792	7295429	1.75	cps
Sodium	23-2	25611679	25630960	25339719	25527453	0.64	cps
Strontium	86-1	19939546	20082171	20562533	20194750	1.62	cps
Strontium	88-1	173438500	174982312	175599608	174673473	0.64	cps
Sulfur	34-1	964963	953142	981603	966569	1.48	cps
Terbium	159-1	15075079	15606342	15889045	15523489	2.66	cps
Terbium	159-2	7142232	7380850	7407657	7310247	2.00	cps
Thallium	203-1	4642643	4624432	4689458	4652178	0.72	cps
Thallium	205-1	10726831	10921430	10847533	10831931	0.91	cps
Tin	118-1	4729520	4771433	4789418	4763457	0.65	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:51:41	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5147685	5183596	5237930	5189737	0.88	cps
Uranium	238-1	13717286	14330898	13758479	13935554	2.46	cps
Vanadium	51-2	1470324	1493330	1513013	1492222	1.43	cps
Ytterbium	172-1	83	42	83	69	34.64	cps
Ytterbium	172-2	17	11	22	17	33.33	cps
Ytterbium	176-1	20834	21042	21735	21204	2.22	cps
Ytterbium	176-2	11077	11261	11283	11207	1.01	cps
Yttrium	89-1	26339912	26630713	27637944	26869523	2.54	cps
Yttrium	89-2	3068924	3063647	3128068	3086880	1.16	cps
Zinc	66-2	2963661	2957072	3023531	2981421	1.23	cps
Zirconium	90-1	11114323	10939319	11384036	11145893	2.01	cps
Zirconium	91-1	2446864	2517134	2559366	2507788	2.27	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:54:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1963041	1953022	1931665	1949243	0.82	cps
Antimony	121-1	10425840	10540104	10272706	10412883	1.29	cps
Arsenic	75-2	344405	341181	342065	342550	0.49	cps
Barium	135-1	13331986	13583309	13529672	13481656	0.98	cps
Barium	137-1	22904998	22883219	23034486	22940901	0.36	cps
Beryllium	9-1	3259721	3241992	3304970	3268895	0.99	cps
Bismuth	209-1	8234516	8206684	8278921	8240040	0.44	cps
Bismuth	209-2	4767022	4906854	4957729	4877202	2.02	cps
Boron	10-1	345030	358077	371143	358083	3.65	cps
Boron	11-1	1598836	1640348	1662889	1634024	1.99	cps
Bromine	81-1	21268	21007	21860	21378	2.04	cps
Cadmium	111-1	2925748	2900635	2874165	2900183	0.89	cps
Cadmium	106-1	300618	304228	302728	302524	0.60	cps
Cadmium	108-1	208742	212471	212825	211346	1.07	cps
Calcium	43-1	4732595	4709201	4730570	4724122	0.27	cps
Calcium	44-1	74990636	74751709	75362440	75034928	0.41	cps
Carbon	12-1	9775727	10136084	10372881	10094897	2.98	cps
Carbon	12-2	105688	105318	106007	105671	0.33	cps
Chlorine	35-1	588804	579352	588316	585491	0.91	cps
Chlorine	35-2	4201	4434	4251	4295	2.86	cps
Chromium	52-2	3900887	3932870	3931083	3921613	0.46	cps
Cobalt	59-2	6801866	6717027	6742780	6753891	0.64	cps
Copper	63-2	52803441	52859356	52082926	52581908	0.82	cps
Dysprosium	156-1	492	475	475	481	2.00	cps
Dysprosium	156-2	300	257	183	247	23.91	cps
Erbium	164-1	200	192	150	181	14.84	cps
Erbium	164-2	87	110	87	94	14.26	cps
Gadolinium	160-1	525	508	642	558	13.01	cps
Gadolinium	160-2	347	280	287	304	12.06	cps
Holmium	165-1	15331193	14642265	15047305	15006921	2.31	cps
Holmium	165-2	7201046	7451151	7665958	7439385	3.13	cps
Indium	115-1	13221009	12926008	13446797	13197938	1.98	cps
Indium	115-2	2164853	2222449	2195430	2194244	1.31	cps
Iron	54-2	8654567	8659513	8804110	8706063	0.98	cps
Iron	56-2	154487153	155155198	154244748	154629033	0.30	cps
Iron	57-2	4011208	3916263	3917319	3948263	1.38	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:54:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	1027	997	1013	1.51	cps
Lead	206-1	36758572	38491541	36971416	37407176	2.53	cps
Lead	207-1	31633887	32311650	31727137	31890891	1.15	cps
Lead	208-1	145913649	148241057	145723699	146626135	0.96	cps
Lithium	6-1	6163685	6205614	6379746	6249682	1.83	cps
Magnesium	24-2	27158186	27423170	26567546	27049634	1.62	cps
Manganese	55-2	19606166	19677813	19601030	19628336	0.22	cps
Molybdenum	94-1	25963306	26541004	26669690	26391333	1.43	cps
Molybdenum	95-1	32141236	32697067	32621090	32486465	0.93	cps
Molybdenum	96-1	35646589	37050763	36486995	36394782	1.94	cps
Molybdenum	97-1	19563407	20058576	19936485	19852823	1.30	cps
Molybdenum	98-1	50633331	52390714	51628834	51550960	1.71	cps
Neodymium	150-1	607	700	573	627	10.48	cps
Neodymium	150-2	123	93	87	101	19.32	cps
Nickel	60-2	1901498	1880685	1852284	1878156	1.32	cps
Phosphorus	31-2	102135	100716	103260	102037	1.25	cps
Potassium	39-2	10513066	10522049	10480627	10505247	0.21	cps
Rhodium	103-1	12919165	12825851	12898130	12881049	0.38	cps
Rhodium	103-2	6134261	6181011	6128485	6147919	0.47	cps
Scandium	45-1	10642058	10559085	10946148	10715764	1.90	cps
Scandium	45-2	333431	342507	339929	338622	1.38	cps
Selenium	82-1	216572	219706	217983	218087	0.72	cps
Selenium	77-2	7048	7122	7292	7154	1.75	cps
Selenium	78-2	24029	23913	23698	23880	0.70	cps
Silicon	28-1	8669162	8875163	8935818	8826715	1.58	cps
Silver	107-1	14911885	15055425	15157167	15041492	0.82	cps
Silver	109-1	14392687	14540401	14529928	14487672	0.57	cps
Sodium	23-2	52092754	51937040	49795140	51274978	2.50	cps
Strontium	86-1	41031574	41801569	41749557	41527567	1.04	cps
Strontium	88-1	354006158	358552283	359698391	357418944	0.84	cps
Sulfur	34-1	1535694	1497650	1564204	1532516	2.18	cps
Terbium	159-1	15659053	15620957	16058348	15779453	1.54	cps
Terbium	159-2	7371124	7386179	7659123	7472142	2.17	cps
Thallium	203-1	9379706	9239413	9172020	9263713	1.14	cps
Thallium	205-1	21742102	21917677	21538881	21732887	0.87	cps
Tin	118-1	9247991	9516928	9476851	9413923	1.54	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:54:47	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10410279	10456226	10488934	10451813	0.38	cps
Uranium	238-1	27248512	27459322	27725375	27477736	0.87	cps
Vanadium	51-2	3004992	3068631	3069210	3047611	1.21	cps
Ytterbium	172-1	75	58	58	64	15.06	cps
Ytterbium	172-2	22	33	72	43	61.65	cps
Ytterbium	176-1	40597	39451	39744	39930	1.49	cps
Ytterbium	176-2	21128	21646	20355	21043	3.09	cps
Yttrium	89-1	27510744	27154648	27540350	27401914	0.78	cps
Yttrium	89-2	3096090	3119878	3231625	3149198	2.30	cps
Zinc	66-2	5911798	5949693	5918681	5926724	0.34	cps
Zirconium	90-1	22678494	22898620	22776655	22784590	0.48	cps
Zirconium	91-1	4944649	4944887	5072442	4987326	1.48	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:57:49	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9606251	9281851	9548166	9478756	1.82	cps
Antimony	121-1	5868	5985	6660	6171	6.93	cps
Arsenic	75-2	145	121	136	134	9.05	cps
Barium	135-1	6352	5851	5501	5901	7.24	cps
Barium	137-1	10838	9895	10104	10279	4.82	cps
Beryllium	9-1	474	374	324	391	19.55	cps
Bismuth	209-1	7432776	7487169	7309039	7409662	1.23	cps
Bismuth	209-2	4443735	4368438	4602136	4471436	2.67	cps
Boron	10-1	32393	29237	26875	29502	9.38	cps
Boron	11-1	155581	140671	128147	141466	9.71	cps
Bromine	81-1	23524	23905	23905	23778	0.92	cps
Cadmium	111-1	4979	5333	5459	5257	4.73	cps
Cadmium	106-1	6293	6710	6969	6657	5.12	cps
Cadmium	108-1	150	121	146	139	11.36	cps
Calcium	43-1	22359684	22221637	22366052	22315791	0.37	cps
Calcium	44-1	363260243	364888520	367669582	365272781	0.61	cps
Carbon	12-1	7860088	7948549	8114968	7974535	1.62	cps
Carbon	12-2	93438	92592	93866	93299	0.70	cps
Chlorine	35-1	579312	577228	584233	580258	0.62	cps
Chlorine	35-2	4526	4126	4818	4490	7.74	cps
Chromium	52-2	8256	8563	8222	8347	2.25	cps
Cobalt	59-2	15776	15462	15545	15594	1.04	cps
Copper	63-2	13196	12426	12499	12707	3.35	cps
Dysprosium	156-1	1717	1700	1859	1758	4.95	cps
Dysprosium	156-2	820	927	953	900	7.84	cps
Erbium	164-1	400	317	408	375	13.52	cps
Erbium	164-2	163	93	133	130	27.02	cps
Gadolinium	160-1	2100	2225	1767	2031	11.67	cps
Gadolinium	160-2	1133	1027	1070	1077	4.98	cps
Holmium	165-1	14824191	14685386	14568792	14692790	0.87	cps
Holmium	165-2	7305059	7339251	7383139	7342483	0.53	cps
Indium	115-1	12777091	12955618	12862480	12865063	0.69	cps
Indium	115-2	2240622	2238636	2244257	2241172	0.13	cps
Iron	54-2	41978025	42140597	42244470	42121031	0.32	cps
Iron	56-2	775031951	768878106	763893284	769267780	0.73	cps
Iron	57-2	19388332	19280123	19578241	19415565	0.78	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:57:49	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1057	983	1017	1019	3.60	cps
Lead	206-1	18180	17518	17067	17588	3.18	cps
Lead	207-1	16155	15687	14898	15580	4.08	cps
Lead	208-1	72714	71356	67848	70639	3.55	cps
Lithium	6-1	6110114	5911246	5807514	5942958	2.59	cps
Magnesium	24-2	133220057	133675482	135648057	134181199	0.96	cps
Manganese	55-2	19156	19360	19790	19436	1.67	cps
Molybdenum	94-1	8770	7877	7619	8089	7.46	cps
Molybdenum	95-1	9979	8795	8695	9156	7.80	cps
Molybdenum	96-1	24539	23512	23754	23935	2.24	cps
Molybdenum	97-1	6093	5601	5001	5565	9.83	cps
Molybdenum	98-1	14066	13207	12139	13137	7.35	cps
Neodymium	150-1	67	33	87	62	43.31	cps
Neodymium	150-2	13	10	7	10	33.30	cps
Nickel	60-2	4587	4868	4737	4731	2.96	cps
Phosphorus	31-2	175	183	200	186	6.84	cps
Potassium	39-2	54850293	55430103	55771270	55350555	0.84	cps
Rhodium	103-1	12599940	12236590	12745150	12527226	2.09	cps
Rhodium	103-2	5866450	5926450	5911030	5901310	0.53	cps
Scandium	45-1	10633609	10851203	10893209	10792674	1.29	cps
Scandium	45-2	348044	348213	355709	350655	1.25	cps
Selenium	82-1	155	267	188	203	28.32	cps
Selenium	77-2	13	10	3	9	57.30	cps
Selenium	78-2	84	86	88	86	2.33	cps
Silicon	28-1	905984	950915	943153	933351	2.57	cps
Silver	107-1	9759	4943	4676	6459	44.29	cps
Silver	109-1	4659	4409	4568	4545	2.78	cps
Sodium	23-2	259551047	263111423	260781073	261147848	0.69	cps
Strontium	86-1	20841	20207	19180	20076	4.17	cps
Strontium	88-1	162243	155553	150381	156059	3.81	cps
Sulfur	34-1	380386	388517	400798	389901	2.64	cps
Terbium	159-1	15089657	15087264	15436495	15204472	1.32	cps
Terbium	159-2	7333769	7448753	7321378	7367967	0.95	cps
Thallium	203-1	2425	2075	2017	2172	10.17	cps
Thallium	205-1	5393	4818	4284	4832	11.48	cps
Tin	118-1	4851	4751	4284	4629	6.54	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 12:57:49	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2200	1925	2125	2084	6.82	cps
Uranium	238-1	4726	4017	3626	4123	13.53	cps
Vanadium	51-2	390	477	443	437	10.01	cps
Ytterbium	172-1	125	125	92	114	16.90	cps
Ytterbium	172-2	72	39	67	59	30.13	cps
Ytterbium	176-1	1809	1717	2009	1845	8.09	cps
Ytterbium	176-2	1406	1333	1472	1404	4.95	cps
Yttrium	89-1	27352867	27053253	27502485	27302868	0.84	cps
Yttrium	89-2	3280166	3257827	3318902	3285632	0.94	cps
Zinc	66-2	9500	9266	9123	9296	2.05	cps
Zirconium	90-1	8052	7444	7110	7536	6.34	cps
Zirconium	91-1	1767	1467	1642	1625	9.27	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : ICV36 Instrumnet Name : P8
 Client Sample ID : ICV36 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 13:37:09 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50340	50213	49487	50014	0.92	cps
Antimony	121-1	2059422	2081806	2071782	2071004	0.54	cps
Arsenic	75-2	74875	73891	74059	74275	0.71	cps
Barium	135-1	263383	261810	258554	261249	0.94	cps
Barium	137-1	449652	459269	451335	453419	1.13	cps
Beryllium	9-1	346844	345412	339682	343979	1.10	cps
Bismuth	209-1	8205082	8321059	8101417	8209186	1.34	cps
Bismuth	209-2	4675994	5121058	5016982	4938011	4.71	cps
Boron	10-1	1614	1522	1560	1565	2.95	cps
Boron	11-1	7242	7376	7376	7332	1.06	cps
Bromine	81-1	22441	23324	23143	22969	2.03	cps
Cadmium	111-1	295250	301373	301061	299228	1.15	cps
Cadmium	106-1	33725	32313	32330	32790	2.47	cps
Cadmium	108-1	19743	19514	19038	19432	1.85	cps
Calcium	43-1	88743	87789	88457	88330	0.55	cps
Calcium	44-1	1561359	1520230	1521242	1534277	1.53	cps
Carbon	12-1	8078966	8319749	8202159	8200291	1.47	cps
Carbon	12-2	80655	81544	79423	80541	1.32	cps
Chlorine	35-1	527504	525053	530137	527565	0.48	cps
Chlorine	35-2	3892	3951	4359	4067	6.25	cps
Chromium	52-2	406671	401338	400383	402797	0.84	cps
Cobalt	59-2	714441	708449	700129	707673	1.02	cps
Copper	63-2	557121	550793	540102	549339	1.57	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	108	133	125	122	10.41	cps
Erbium	164-2	20	40	37	32	33.25	cps
Gadolinium	160-1	158	100	108	122	25.81	cps
Gadolinium	160-2	47	43	53	48	10.66	cps
Holmium	165-1	14875398	14566494	14622078	14687990	1.12	cps
Holmium	165-2	6857677	7482553	7446349	7262193	4.83	cps
Indium	115-1	13542989	13673694	13387690	13534791	1.06	cps
Indium	115-2	2204942	2421262	2372837	2333014	4.87	cps
Iron	54-2	364597	360954	356692	360748	1.10	cps
Iron	56-2	6542000	6527468	6411050	6493506	1.11	cps
Iron	57-2	159510	158256	154511	157426	1.65	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICV36	Instrumnet Name :	P8
Client Sample ID :	ICV36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 13:37:09	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	1013	920	993	6.61	cps
Lead	206-1	1520645	1495777	1504457	1506960	0.84	cps
Lead	207-1	1280001	1248551	1271018	1266523	1.28	cps
Lead	208-1	6084321	6029269	6057486	6057025	0.45	cps
Lithium	6-1	6455560	6650328	6685194	6597027	1.88	cps
Magnesium	24-2	329801	324693	322809	325768	1.11	cps
Manganese	55-2	200695	200311	199235	200080	0.38	cps
Molybdenum	94-1	892	858	1058	936	11.45	cps
Molybdenum	95-1	617	692	750	686	9.74	cps
Molybdenum	96-1	1083	1075	1067	1075	0.78	cps
Molybdenum	97-1	433	417	400	417	4.00	cps
Molybdenum	98-1	1208	1308	1183	1233	5.36	cps
Neodymium	150-1	20	13	20	18	21.66	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	227531	223156	227333	226006	1.09	cps
Phosphorus	31-2	133	150	108	131	16.06	cps
Potassium	39-2	451810	451611	446648	450023	0.65	cps
Rhodium	103-1	14224463	13994308	14124285	14114352	0.82	cps
Rhodium	103-2	6088508	6670494	6736935	6498646	5.49	cps
Scandium	45-1	11410543	11518442	11270883	11399956	1.09	cps
Scandium	45-2	332518	364726	362862	353369	5.12	cps
Selenium	82-1	47937	48022	47511	47823	0.57	cps
Selenium	77-2	1517	1633	1733	1628	6.66	cps
Selenium	78-2	5496	5499	5440	5478	0.61	cps
Silicon	28-1	560123	577747	586612	574827	2.35	cps
Silver	107-1	742718	752324	747590	747544	0.64	cps
Silver	109-1	717087	724055	724559	721900	0.58	cps
Sodium	23-2	1117981	1128325	1110604	1118970	0.80	cps
Strontium	86-1	2775	3159	3059	2998	6.63	cps
Strontium	88-1	12039	11880	12139	12019	1.08	cps
Sulfur	34-1	452072	446889	445632	448197	0.76	cps
Terbium	159-1	15419904	15228389	15412016	15353436	0.71	cps
Terbium	159-2	6724942	7338404	7429300	7164216	5.35	cps
Thallium	203-1	1884580	1966618	1932847	1928015	2.14	cps
Thallium	205-1	4471798	4490938	4498065	4486933	0.30	cps
Tin	118-1	1633	1600	1658	1631	1.80	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICV36	Instrumnet Name :	P8
Client Sample ID :	ICV36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 13:37:09	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	417	333	389	12.37	cps
Uranium	238-1	133	133	150	139	6.93	cps
Vanadium	51-2	309101	307874	301958	306311	1.25	cps
Ytterbium	172-1	75	25	25	42	69.28	cps
Ytterbium	172-2	11	33	44	30	57.29	cps
Ytterbium	176-1	1517	1700	1650	1622	5.84	cps
Ytterbium	176-2	1645	2117	1850	1871	12.66	cps
Yttrium	89-1	27932066	27835983	27519588	27762546	0.78	cps
Yttrium	89-2	2969695	3357921	3315123	3214246	6.62	cps
Zinc	66-2	123012	122707	123080	122933	0.16	cps
Zirconium	90-1	1683	1700	1742	1708	1.76	cps
Zirconium	91-1	542	625	608	592	7.45	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:03:26	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2265	2256	2231	2251	0.78	cps
Antimony	121-1	19239	19756	20224	19740	2.50	cps
Arsenic	75-2	368	376	367	370	1.33	cps
Barium	135-1	23880	25450	24331	24553	3.29	cps
Barium	137-1	42509	43211	44064	43261	1.80	cps
Beryllium	9-1	3600	3446	3538	3528	2.20	cps
Bismuth	209-1	8267742	7607583	8033734	7969686	4.20	cps
Bismuth	209-2	5128469	5229037	5136886	5164798	1.08	cps
Boron	10-1	8723	9277	9459	9153	4.19	cps
Boron	11-1	42842	44594	45219	44218	2.79	cps
Bromine	81-1	23544	24296	23905	23915	1.57	cps
Cadmium	111-1	7348	6886	7081	7105	3.26	cps
Cadmium	106-1	7035	6143	6360	6513	7.14	cps
Cadmium	108-1	229	217	221	222	2.86	cps
Calcium	43-1	21532	22194	22130	21952	1.66	cps
Calcium	44-1	397783	397979	400526	398763	0.38	cps
Carbon	12-1	6644941	6485810	6568951	6566567	1.21	cps
Carbon	12-2	64626	62952	61337	62972	2.61	cps
Chlorine	35-1	425127	424604	425169	424967	0.07	cps
Chlorine	35-2	3417	3084	3259	3253	5.13	cps
Chromium	52-2	9220	9533	8809	9187	3.95	cps
Cobalt	59-2	7159	6982	7052	7064	1.26	cps
Copper	63-2	11225	11018	10714	10985	2.34	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	100	50	75	75	33.33	cps
Erbium	164-2	47	47	20	38	40.76	cps
Gadolinium	160-1	100	83	125	103	20.40	cps
Gadolinium	160-2	70	40	67	59	27.92	cps
Holmium	165-1	14334500	13088250	14381764	13934838	5.26	cps
Holmium	165-2	7509891	7631323	7469882	7537032	1.12	cps
Indium	115-1	13699276	12450260	13343815	13164450	4.89	cps
Indium	115-2	2430383	2457426	2435720	2441176	0.59	cps
Iron	54-2	9715	10198	9842	9918	2.53	cps
Iron	56-2	168740	167275	169838	168618	0.76	cps
Iron	57-2	4256	4195	4045	4165	2.61	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:03:26	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	897	910	1043	950	8.54	cps
Lead	206-1	7402	7475	7980	7619	4.13	cps
Lead	207-1	6535	6385	6580	6500	1.57	cps
Lead	208-1	29675	30593	30487	30251	1.66	cps
Lithium	6-1	7081646	6201618	6699611	6660959	6.62	cps
Magnesium	24-2	141634	140649	136537	139607	1.94	cps
Manganese	55-2	2217	2277	2284	2259	1.63	cps
Molybdenum	94-1	26451	25716	26326	26164	1.50	cps
Molybdenum	95-1	32037	31152	32681	31957	2.40	cps
Molybdenum	96-1	34861	35497	35446	35268	1.00	cps
Molybdenum	97-1	19456	20174	19806	19812	1.81	cps
Molybdenum	98-1	49748	50802	50501	50350	1.08	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1990	2020	2054	2021	1.57	cps
Phosphorus	31-2	125	175	142	147	17.30	cps
Potassium	39-2	131405	134808	131050	132421	1.57	cps
Rhodium	103-1	14045570	12947269	13795868	13596235	4.23	cps
Rhodium	103-2	6785557	6857477	6773271	6805435	0.67	cps
Scandium	45-1	11265564	10519998	11090762	10958775	3.56	cps
Scandium	45-2	368920	375985	371948	372284	0.95	cps
Selenium	82-1	1263	1232	1180	1225	3.44	cps
Selenium	77-2	40	53	57	50	17.64	cps
Selenium	78-2	219	216	251	229	8.49	cps
Silicon	28-1	584039	585754	598035	589276	1.30	cps
Silver	107-1	14241	14817	15084	14714	2.93	cps
Silver	109-1	12873	13857	13407	13379	3.68	cps
Sodium	23-2	293955	293960	295255	294390	0.25	cps
Strontium	86-1	6127	6085	6577	6263	4.36	cps
Strontium	88-1	40209	40584	40384	40392	0.47	cps
Sulfur	34-1	476603	474105	476092	475600	0.28	cps
Terbium	159-1	15197908	13849070	14722221	14589733	4.69	cps
Terbium	159-2	7466546	7441855	7408369	7438923	0.39	cps
Thallium	203-1	8803	8737	8803	8781	0.44	cps
Thallium	205-1	20617	19908	20775	20433	2.26	cps
Tin	118-1	44088	44599	45150	44612	1.19	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:03:26	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10546	10763	10621	10643	1.03	cps
Uranium	238-1	23489	24366	23798	23884	1.86	cps
Vanadium	51-2	15295	15669	15482	15482	1.21	cps
Ytterbium	172-1	33	42	17	31	41.66	cps
Ytterbium	172-2	11	6	22	13	65.44	cps
Ytterbium	176-1	1892	1508	1342	1581	17.84	cps
Ytterbium	176-2	1450	1672	1900	1674	13.44	cps
Yttrium	89-1	28878675	26086645	27046971	27337430	5.19	cps
Yttrium	89-2	3332169	3407144	3351895	3363736	1.16	cps
Zinc	66-2	2197	2097	2027	2107	4.06	cps
Zirconium	90-1	22185	22377	21984	22182	0.88	cps
Zirconium	91-1	4893	4876	5151	4973	3.10	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICB36	Instrumnet Name :	P8
Client Sample ID :	ICB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:06:29	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	166	160	194	173	10.36	cps
Antimony	121-1	83	167	100	117	37.79	cps
Arsenic	75-2	15	10	12	12	20.40	cps
Barium	135-1	100	100	75	92	15.75	cps
Barium	137-1	158	150	183	164	10.59	cps
Beryllium	9-1	38	30	54	41	30.06	cps
Bismuth	209-1	8240692	8250621	8056073	8182462	1.34	cps
Bismuth	209-2	5036713	5126203	4948445	5037120	1.76	cps
Boron	10-1	1772	1736	1642	1716	3.91	cps
Boron	11-1	8059	7741	7949	7916	2.04	cps
Bromine	81-1	23554	23444	22441	23146	2.65	cps
Cadmium	111-1	4444	4415	4575	4478	1.90	cps
Cadmium	106-1	6318	6252	6535	6368	2.33	cps
Cadmium	108-1	29	33	42	35	18.33	cps
Calcium	43-1	560	576	607	581	4.15	cps
Calcium	44-1	46544	45950	46141	46212	0.66	cps
Carbon	12-1	6714611	6792879	6802209	6769900	0.71	cps
Carbon	12-2	64794	65380	67614	65929	2.26	cps
Chlorine	35-1	449884	452419	447081	449795	0.59	cps
Chlorine	35-2	4042	3425	3642	3703	8.45	cps
Chromium	52-2	1397	1347	1540	1428	7.03	cps
Cobalt	59-2	123	120	110	118	5.89	cps
Copper	63-2	1130	1227	1253	1203	5.39	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	67	67	142	92	47.24	cps
Erbium	164-2	67	33	40	47	37.80	cps
Gadolinium	160-1	192	25	150	122	70.97	cps
Gadolinium	160-2	43	50	43	46	8.45	cps
Holmium	165-1	14650350	14568376	14304366	14507697	1.25	cps
Holmium	165-2	7328574	7505292	7444871	7426246	1.21	cps
Indium	115-1	13525494	13484879	13440222	13483532	0.32	cps
Indium	115-2	2457750	2382925	2353463	2398046	2.24	cps
Iron	54-2	894	1033	839	922	10.86	cps
Iron	56-2	8847	8341	7819	8336	6.17	cps
Iron	57-2	239	228	239	235	2.73	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : ICB36 Instrumnet Name : P8
 Client Sample ID : ICB36 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 14:06:29 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	907	947	1063	972	8.37	cps
Lead	206-1	1172	1078	1089	1113	4.64	cps
Lead	207-1	939	883	861	894	4.48	cps
Lead	208-1	4289	4028	3950	4089	4.34	cps
Lithium	6-1	6772463	6744253	6598279	6704998	1.39	cps
Magnesium	24-2	967	1017	1225	1070	12.81	cps
Manganese	55-2	370	297	250	306	19.80	cps
Molybdenum	94-1	650	542	592	594	9.12	cps
Molybdenum	95-1	258	233	225	239	7.26	cps
Molybdenum	96-1	458	358	333	383	17.25	cps
Molybdenum	97-1	192	142	133	156	20.28	cps
Molybdenum	98-1	483	325	292	367	27.93	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	80	100	89	11.46	cps
Phosphorus	31-2	133	117	150	133	12.50	cps
Potassium	39-2	21909	22385	23061	22451	2.58	cps
Rhodium	103-1	14162059	14092792	14067906	14107585	0.35	cps
Rhodium	103-2	6708195	6738125	6723387	6723236	0.22	cps
Scandium	45-1	11389575	10916914	11145189	11150559	2.12	cps
Scandium	45-2	365370	366939	364443	365584	0.35	cps
Selenium	82-1	110	39	-99	16	647.24	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	84	94	88	89	5.68	cps
Silicon	28-1	483994	484838	482909	483914	0.20	cps
Silver	107-1	317	300	192	269	25.19	cps
Silver	109-1	283	250	192	242	19.20	cps
Sodium	23-2	26057	26232	27585	26625	3.14	cps
Strontium	86-1	1792	1825	1909	1842	3.26	cps
Strontium	88-1	2342	2125	2275	2247	4.94	cps
Sulfur	34-1	477604	476859	477954	477472	0.12	cps
Terbium	159-1	15496024	15302914	15249459	15349465	0.85	cps
Terbium	159-2	7312199	7363897	7453261	7376452	0.97	cps
Thallium	203-1	400	450	383	411	8.44	cps
Thallium	205-1	1008	1308	1033	1117	14.91	cps
Tin	118-1	1083	1158	850	1031	15.60	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICB36	Instrumnet Name :	P8
Client Sample ID :	ICB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:06:29	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	342	233	261	27.14	cps
Uranium	238-1	158	183	217	186	15.72	cps
Vanadium	51-2	27	33	13	24	41.66	cps
Ytterbium	172-1	17	8	17	14	34.67	cps
Ytterbium	172-2	28	22	6	19	62.43	cps
Ytterbium	176-1	1800	1617	1667	1695	5.59	cps
Ytterbium	176-2	1717	1672	1572	1654	4.47	cps
Yttrium	89-1	27895950	27843828	28027063	27922280	0.34	cps
Yttrium	89-2	3327991	3321615	3341341	3330316	0.30	cps
Zinc	66-2	960	1107	1063	1043	7.22	cps
Zirconium	90-1	1550	1108	1383	1347	16.56	cps
Zirconium	91-1	267	300	283	283	5.88	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : ICSA36 Instrumnet Name : P8
 Client Sample ID : ICSA36 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 14:09:30 DataFile Name : 018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9541347	9461999	9389899	9464415	0.80	cps
Antimony	121-1	11513	11655	12231	11800	3.22	cps
Arsenic	75-2	122	104	109	112	8.32	cps
Barium	135-1	4017	4117	3817	3984	3.83	cps
Barium	137-1	6727	7210	6452	6796	5.65	cps
Beryllium	9-1	928	1002	930	953	4.42	cps
Bismuth	209-1	8203713	8318538	8368944	8297065	1.02	cps
Bismuth	209-2	4870132	4850716	4814822	4845223	0.58	cps
Boron	10-1	1490	1514	1442	1482	2.47	cps
Boron	11-1	7220	7114	7186	7174	0.75	cps
Bromine	81-1	23735	24757	25319	24604	3.27	cps
Cadmium	111-1	5330	5301	5490	5374	1.89	cps
Cadmium	106-1	6118	5701	6268	6029	4.87	cps
Cadmium	108-1	2242	2254	2284	2260	0.95	cps
Calcium	43-1	4388933	4559423	4426880	4458412	2.01	cps
Calcium	44-1	73169264	74964622	73777263	73970383	1.23	cps
Carbon	12-1	38383838	38892679	39272689	38849736	1.15	cps
Carbon	12-2	375143	371629	373144	373305	0.47	cps
Chlorine	35-1	19902892	25174880	29813974	24963915	19.86	cps
Chlorine	35-2	270946	285994	305552	287497	6.04	cps
Chromium	52-2	79757	78950	78635	79114	0.73	cps
Cobalt	59-2	7812	7946	7966	7908	1.05	cps
Copper	63-2	40010	40875	40247	40377	1.11	cps
Dysprosium	156-1	33	58	42	44	28.65	cps
Dysprosium	156-2	13	17	40	23	62.27	cps
Erbium	164-1	92	92	133	106	22.79	cps
Erbium	164-2	40	73	60	58	29.04	cps
Gadolinium	160-1	192	142	158	164	15.53	cps
Gadolinium	160-2	90	100	60	83	24.98	cps
Holmium	165-1	14968044	15691991	14948002	15202679	2.79	cps
Holmium	165-2	7602175	7453922	7602877	7552992	1.14	cps
Indium	115-1	13599875	13814063	13234057	13549332	2.16	cps
Indium	115-2	2317494	2277611	2272319	2289142	1.08	cps
Iron	54-2	17718256	17312079	17549103	17526479	1.16	cps
Iron	56-2	317077518	317251352	317954752	317427874	0.15	cps
Iron	57-2	8062095	8139648	7858875	8020206	1.81	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSA36	Instrumnet Name :	P8
Client Sample ID :	ICSA36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:09:30	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	987	947	967	967	2.07	cps
Lead	206-1	33867	34998	35198	34687	2.07	cps
Lead	207-1	27401	29328	28248	28326	3.41	cps
Lead	208-1	129368	132661	133809	131946	1.75	cps
Lithium	6-1	6473901	6365933	6469258	6436364	0.95	cps
Magnesium	24-2	26869782	27159291	26992622	27007232	0.54	cps
Manganese	55-2	15051	15358	14998	15136	1.29	cps
Molybdenum	94-1	6991445	7292832	7242731	7175669	2.25	cps
Molybdenum	95-1	12478452	13015483	12745534	12746490	2.11	cps
Molybdenum	96-1	13548268	13824758	13759585	13710870	1.05	cps
Molybdenum	97-1	7702765	7827818	7955624	7828736	1.61	cps
Molybdenum	98-1	20000337	20305856	20474388	20260194	1.19	cps
Neodymium	150-1	67	27	33	42	50.76	cps
Neodymium	150-2	17	20	13	17	20.01	cps
Nickel	60-2	10414	10287	10067	10256	1.71	cps
Phosphorus	31-2	532511	527899	531984	530798	0.48	cps
Potassium	39-2	21636567	21136449	21416841	21396619	1.17	cps
Rhodium	103-1	13123973	13407477	13541956	13357802	1.60	cps
Rhodium	103-2	6439562	6332462	6377725	6383250	0.84	cps
Scandium	45-1	11212892	11349211	11255515	11272539	0.62	cps
Scandium	45-2	354235	355211	355091	354846	0.15	cps
Selenium	82-1	29	97	65	64	53.33	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	95	71	96	87	16.20	cps
Silicon	28-1	713557	719740	728486	720594	1.04	cps
Silver	107-1	617	542	708	622	13.42	cps
Silver	109-1	700	583	483	589	18.42	cps
Sodium	23-2	53828620	53213937	53504907	53515821	0.57	cps
Strontium	86-1	142549	144839	145992	144460	1.21	cps
Strontium	88-1	1235160	1256570	1258583	1250105	1.04	cps
Sulfur	34-1	6460494	6426514	6464843	6450617	0.33	cps
Terbium	159-1	15873397	15692816	16186998	15917737	1.57	cps
Terbium	159-2	7711350	7533846	7597041	7614079	1.18	cps
Thallium	203-1	758	567	658	661	14.50	cps
Thallium	205-1	1700	1900	2125	1909	11.14	cps
Tin	118-1	4221	2959	3025	3402	20.87	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSA36	Instrumnet Name :	P8
Client Sample ID :	ICSA36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:09:30	DataFile Name :	018ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4332428	4368216	4235584	4312076	1.59	cps
Uranium	238-1	542	550	483	525	6.92	cps
Vanadium	51-2	533	483	463	493	7.31	cps
Ytterbium	172-1	33	50	33	39	24.75	cps
Ytterbium	172-2	33	61	11	35	71.20	cps
Ytterbium	176-1	1892	1750	1617	1753	7.85	cps
Ytterbium	176-2	1556	1495	1661	1570	5.37	cps
Yttrium	89-1	28293324	28158610	28888574	28446836	1.37	cps
Yttrium	89-2	3296879	3288156	3286358	3290465	0.17	cps
Zinc	66-2	7449	7525	7189	7388	2.39	cps
Zirconium	90-1	1992	1842	1884	1906	4.06	cps
Zirconium	91-1	392	458	475	442	9.98	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSAB36	Instrumnet Name :	P8
Client Sample ID :	ICSAB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:12:26	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9627555	9564708	9606037	9599433	0.33	cps
Antimony	121-1	220102	222152	218891	220382	0.75	cps
Arsenic	75-2	7360	7255	7206	7273	1.08	cps
Barium	135-1	57774	59456	56896	58042	2.24	cps
Barium	137-1	98483	99272	101212	99656	1.41	cps
Beryllium	9-1	69264	68903	68526	68898	0.54	cps
Bismuth	209-1	8405531	8592906	8588547	8528994	1.25	cps
Bismuth	209-2	4904430	4842161	4898851	4881814	0.71	cps
Boron	10-1	19087	19946	20142	19725	2.85	cps
Boron	11-1	93092	95648	100223	96321	3.75	cps
Bromine	81-1	24708	26613	25259	25527	3.84	cps
Cadmium	111-1	62538	63697	64013	63416	1.22	cps
Cadmium	106-1	13691	14366	13666	13907	2.86	cps
Cadmium	108-1	6527	6893	6877	6766	3.06	cps
Calcium	43-1	4414283	4695039	4607049	4572124	3.14	cps
Calcium	44-1	73067074	75762642	75456083	74761933	1.97	cps
Carbon	12-1	39021787	39046048	38859841	38975892	0.26	cps
Carbon	12-2	380122	374720	380260	378367	0.83	cps
Chlorine	35-1	35375632	40332243	44041315	39916396	10.89	cps
Chlorine	35-2	370989	377278	388888	379051	2.40	cps
Chromium	52-2	157632	158025	156581	157413	0.47	cps
Cobalt	59-2	146276	143108	143035	144140	1.28	cps
Copper	63-2	143312	145820	144827	144653	0.87	cps
Dysprosium	156-1	50	17	42	36	48.03	cps
Dysprosium	156-2	30	37	27	31	16.37	cps
Erbium	164-1	75	100	167	114	41.61	cps
Erbium	164-2	53	83	43	60	34.70	cps
Gadolinium	160-1	217	208	117	181	30.73	cps
Gadolinium	160-2	70	50	80	67	22.91	cps
Holmium	165-1	15379506	15701469	15822711	15634562	1.47	cps
Holmium	165-2	7895929	7639063	7536102	7690365	2.41	cps
Indium	115-1	13844950	14047463	13914364	13935592	0.74	cps
Indium	115-2	2358731	2409401	2349304	2372478	1.36	cps
Iron	54-2	17518353	17767015	17549151	17611507	0.77	cps
Iron	56-2	320317663	317512285	317032129	318287359	0.56	cps
Iron	57-2	8117834	8014923	8104992	8079250	0.69	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSAB36	Instrumnet Name :	P8
Client Sample ID :	ICSAB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:12:26	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1047	940	1060	1016	6.48	cps
Lead	206-1	178554	175822	176841	177073	0.78	cps
Lead	207-1	147723	147010	147387	147373	0.24	cps
Lead	208-1	682499	681568	684245	682771	0.20	cps
Lithium	6-1	6618038	6532386	6535975	6562133	0.74	cps
Magnesium	24-2	27695008	26990889	27708626	27464841	1.49	cps
Manganese	55-2	54376	54069	53215	53887	1.12	cps
Molybdenum	94-1	7949847	7949210	7905768	7934941	0.32	cps
Molybdenum	95-1	13502910	13261831	13442994	13402578	0.94	cps
Molybdenum	96-1	14790633	14489600	14386145	14555459	1.44	cps
Molybdenum	97-1	8233180	8189468	8318554	8247067	0.80	cps
Molybdenum	98-1	21226669	21338282	21505012	21356654	0.66	cps
Neodymium	150-1	67	73	67	69	5.59	cps
Neodymium	150-2	7	27	33	22	62.43	cps
Nickel	60-2	47208	46887	47138	47078	0.36	cps
Phosphorus	31-2	530195	537803	531072	533023	0.78	cps
Potassium	39-2	22035733	20992997	21101498	21376743	2.68	cps
Rhodium	103-1	13585875	13744897	13925982	13752251	1.24	cps
Rhodium	103-2	6583820	6673032	6510571	6589141	1.23	cps
Scandium	45-1	11234702	11673497	11965110	11624436	3.16	cps
Scandium	45-2	370983	361563	362655	365067	1.41	cps
Selenium	82-1	4510	4648	4638	4599	1.68	cps
Selenium	77-2	140	150	157	149	5.64	cps
Selenium	78-2	601	579	607	596	2.48	cps
Silicon	28-1	1109606	1119849	1145316	1124924	1.63	cps
Silver	107-1	286305	287647	296383	290112	1.89	cps
Silver	109-1	271689	276964	276050	274901	1.03	cps
Sodium	23-2	56037180	53229349	54624122	54630217	2.57	cps
Strontium	86-1	365185	364091	364045	364440	0.18	cps
Strontium	88-1	3223044	3222140	3240071	3228418	0.31	cps
Sulfur	34-1	6477932	6496165	6493068	6489055	0.15	cps
Terbium	159-1	15893615	16820783	16594399	16436265	2.94	cps
Terbium	159-2	7559522	7658502	7686605	7634876	0.87	cps
Thallium	203-1	178882	179762	179860	179501	0.30	cps
Thallium	205-1	428687	424845	427051	426861	0.45	cps
Tin	118-1	482453	483837	483810	483367	0.16	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	ICSAB36	Instrumnet Name :	P8
Client Sample ID :	ICSAB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:12:26	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4433136	4552486	4460839	4482154	1.39	cps
Uranium	238-1	1335748	1343260	1342110	1340373	0.30	cps
Vanadium	51-2	61769	61307	61689	61589	0.40	cps
Ytterbium	172-1	50	42	42	44	10.82	cps
Ytterbium	172-2	39	17	11	22	66.14	cps
Ytterbium	176-1	3509	3959	3817	3762	6.12	cps
Ytterbium	176-2	2378	2506	2506	2463	3.00	cps
Yttrium	89-1	28294049	29500224	29656617	29150297	2.56	cps
Yttrium	89-2	3395509	3369524	3342540	3369191	0.79	cps
Zinc	66-2	19410	19096	19437	19314	0.98	cps
Zirconium	90-1	1147050	1190035	1176627	1171237	1.88	cps
Zirconium	91-1	260769	255780	257516	258021	0.98	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : CCV34 Instrumnet Name : P8
 Client Sample ID : CCV34 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 14:18:14 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5122725	4994921	4990133	5035926	1.49	cps
Antimony	121-1	5233527	5230430	5203513	5222490	0.32	cps
Arsenic	75-2	180786	182907	181218	181637	0.62	cps
Barium	135-1	6785254	6851691	6876479	6837808	0.69	cps
Barium	137-1	11549352	11735990	11779392	11688245	1.05	cps
Beryllium	9-1	1722814	1731875	1771532	1742074	1.49	cps
Bismuth	209-1	8196462	8154051	8356494	8235669	1.30	cps
Bismuth	209-2	4672368	4710312	4691586	4691422	0.40	cps
Boron	10-1	189342	197901	199796	195680	2.85	cps
Boron	11-1	867438	893985	918784	893402	2.87	cps
Bromine	81-1	24116	23253	24005	23791	1.97	cps
Cadmium	111-1	1421494	1431777	1439625	1430965	0.64	cps
Cadmium	106-1	161067	159939	158506	159838	0.80	cps
Cadmium	108-1	105232	105895	106072	105733	0.42	cps
Calcium	43-1	11672360	11744065	11745852	11720759	0.36	cps
Calcium	44-1	188526974	191690644	192086694	190768104	1.02	cps
Carbon	12-1	10322270	10707916	11185617	10738601	4.03	cps
Carbon	12-2	113579	114990	113158	113909	0.84	cps
Chlorine	35-1	5002583	4871401	4654035	4842673	3.64	cps
Chlorine	35-2	35578	34007	32746	34110	4.16	cps
Chromium	52-2	2078937	2124987	2100675	2101533	1.10	cps
Cobalt	59-2	3631017	3628638	3598013	3619223	0.51	cps
Copper	63-2	26804390	27320932	26994305	27039876	0.97	cps
Dysprosium	156-1	1108	892	1058	1020	11.13	cps
Dysprosium	156-2	440	470	430	447	4.66	cps
Erbium	164-1	200	292	183	225	25.93	cps
Erbium	164-2	113	133	143	130	11.75	cps
Gadolinium	160-1	1025	1025	1192	1081	8.91	cps
Gadolinium	160-2	697	703	537	646	14.62	cps
Holmium	165-1	15650063	15784039	15571815	15668639	0.68	cps
Holmium	165-2	7618116	7728244	7634667	7660342	0.78	cps
Indium	115-1	13950874	13576268	13950143	13825761	1.56	cps
Indium	115-2	2325965	2356105	2281745	2321272	1.61	cps
Iron	54-2	21888192	22406598	22060738	22118510	1.19	cps
Iron	56-2	407753342	408032409	401024276	405603342	0.98	cps
Iron	57-2	10228177	10516753	10243262	10329397	1.57	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:18:14	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	897	843	928	11.16	cps
Lead	206-1	18521755	18401055	18545163	18489324	0.42	cps
Lead	207-1	15905576	15530631	15703083	15713097	1.19	cps
Lead	208-1	73247221	71933778	72776105	72652368	0.92	cps
Lithium	6-1	6804032	6658236	6639018	6700429	1.35	cps
Magnesium	24-2	72501825	71752733	70784418	71679659	1.20	cps
Manganese	55-2	10451227	10515527	10218416	10395057	1.50	cps
Molybdenum	94-1	13703616	13469345	14051965	13741642	2.13	cps
Molybdenum	95-1	16766354	16819213	17139121	16908230	1.19	cps
Molybdenum	96-1	18890641	18901106	18988004	18926583	0.28	cps
Molybdenum	97-1	10286700	10124562	10338879	10250047	1.09	cps
Molybdenum	98-1	26724030	26749874	26812430	26762111	0.17	cps
Neodymium	150-1	380	413	327	373	11.71	cps
Neodymium	150-2	40	43	43	42	4.55	cps
Nickel	60-2	938806	944471	925883	936386	1.02	cps
Phosphorus	31-2	56862	55055	53926	55281	2.68	cps
Potassium	39-2	28450753	28639360	28646242	28578785	0.39	cps
Rhodium	103-1	13725249	13375146	13586919	13562438	1.30	cps
Rhodium	103-2	6319913	6402508	6396785	6373069	0.72	cps
Scandium	45-1	11742169	11817830	11697959	11752653	0.52	cps
Scandium	45-2	374864	368674	370283	371274	0.87	cps
Selenium	82-1	111086	110846	112908	111613	1.01	cps
Selenium	77-2	3427	3791	3664	3627	5.09	cps
Selenium	78-2	12474	12890	12601	12655	1.69	cps
Silicon	28-1	5891125	6107212	6347246	6115194	3.73	cps
Silver	107-1	7650632	7634288	7603056	7629325	0.32	cps
Silver	109-1	7040165	7120684	7152641	7104497	0.82	cps
Sodium	23-2	138599682	140084032	140498599	139727438	0.71	cps
Strontium	86-1	21228667	21882992	21722211	21611290	1.58	cps
Strontium	88-1	184028283	188491925	186735783	186418664	1.21	cps
Sulfur	34-1	1072796	1069164	1064847	1068936	0.37	cps
Terbium	159-1	16255339	16007487	16325168	16195998	1.03	cps
Terbium	159-2	7795001	7788195	7651440	7744879	1.05	cps
Thallium	203-1	4432223	4459539	4595596	4495786	1.95	cps
Thallium	205-1	10577045	10520545	10587372	10561654	0.34	cps
Tin	118-1	4746527	4729835	4829513	4768625	1.12	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV34	Instrumnet Name :	P8
Client Sample ID :	CCV34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:18:14	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5544892	5667486	5608973	5607117	1.09	cps
Uranium	238-1	13578966	13467659	13920932	13655852	1.73	cps
Vanadium	51-2	1640794	1682852	1667819	1663822	1.28	cps
Ytterbium	172-1	83	100	92	92	9.09	cps
Ytterbium	172-2	33	33	44	37	17.33	cps
Ytterbium	176-1	19974	20608	21401	20661	3.46	cps
Ytterbium	176-2	11488	11500	10927	11305	2.90	cps
Yttrium	89-1	28853049	29490651	29159706	29167802	1.09	cps
Yttrium	89-2	3304020	3390465	3404980	3366488	1.62	cps
Zinc	66-2	2999383	3026619	3021617	3015873	0.48	cps
Zirconium	90-1	11875726	11659924	11927626	11821092	1.20	cps
Zirconium	91-1	2585080	2652565	2683276	2640307	1.90	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:25:14	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	210	215	234	220	5.70	cps
Antimony	121-1	483	750	833	689	26.54	cps
Arsenic	75-2	8	15	10	11	32.78	cps
Barium	135-1	92	75	133	100	30.05	cps
Barium	137-1	183	233	183	200	14.43	cps
Beryllium	9-1	58	42	52	51	15.96	cps
Bismuth	209-1	8775452	8691879	8565113	8677481	1.22	cps
Bismuth	209-2	5030839	5099908	5147156	5092634	1.15	cps
Boron	10-1	6628	6346	6332	6435	2.60	cps
Boron	11-1	31974	31548	30177	31233	3.01	cps
Bromine	81-1	23795	23925	24276	23999	1.04	cps
Cadmium	111-1	4729	4594	4688	4670	1.48	cps
Cadmium	106-1	6702	6435	6618	6585	2.07	cps
Cadmium	108-1	42	33	46	40	15.80	cps
Calcium	43-1	652	675	630	652	3.45	cps
Calcium	44-1	53684	53785	53952	53807	0.25	cps
Carbon	12-1	6904864	6840872	6848802	6864846	0.51	cps
Carbon	12-2	66434	65195	66652	66093	1.19	cps
Chlorine	35-1	2129213	2042746	2025276	2065745	2.69	cps
Chlorine	35-2	15008	14408	14357	14591	2.48	cps
Chromium	52-2	1407	1403	1467	1426	2.50	cps
Cobalt	59-2	80	143	127	117	28.14	cps
Copper	63-2	1417	1473	1393	1428	2.88	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	158	92	108	119	29.05	cps
Erbium	164-2	43	27	17	29	46.62	cps
Gadolinium	160-1	58	158	192	136	50.98	cps
Gadolinium	160-2	50	40	47	46	11.18	cps
Holmium	165-1	14974790	14687701	15169325	14943939	1.62	cps
Holmium	165-2	7362857	7569333	7455714	7462635	1.39	cps
Indium	115-1	14161071	13964126	14034167	14053122	0.71	cps
Indium	115-2	2367035	2377088	2401531	2381885	0.74	cps
Iron	54-2	1095	950	1095	1046	7.97	cps
Iron	56-2	10721	10315	10965	10667	3.08	cps
Iron	57-2	306	211	289	269	18.77	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:25:14	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	860	957	1080	966	11.42	cps
Lead	206-1	1589	1606	1556	1583	1.61	cps
Lead	207-1	1283	1250	1350	1295	3.93	cps
Lead	208-1	6045	5834	5990	5956	1.84	cps
Lithium	6-1	6814914	6669263	6625999	6703392	1.48	cps
Magnesium	24-2	1258	1408	1317	1328	5.69	cps
Manganese	55-2	327	353	463	381	19.01	cps
Molybdenum	94-1	767	783	775	775	1.08	cps
Molybdenum	95-1	642	533	517	564	12.04	cps
Molybdenum	96-1	783	725	700	736	5.81	cps
Molybdenum	97-1	492	308	317	372	27.81	cps
Molybdenum	98-1	1117	875	683	892	24.35	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	73	140	103	106	31.63	cps
Phosphorus	31-2	150	108	150	136	17.67	cps
Potassium	39-2	25657	25231	25423	25437	0.84	cps
Rhodium	103-1	14285224	14372566	14112321	14256703	0.93	cps
Rhodium	103-2	6787360	6818830	6829314	6811835	0.32	cps
Scandium	45-1	11715840	11539942	11518792	11591525	0.93	cps
Scandium	45-2	365099	362624	363797	363840	0.34	cps
Selenium	82-1	98	37	-69	22	385.17	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	100	86	79	88	12.10	cps
Silicon	28-1	479955	476300	488157	481471	1.26	cps
Silver	107-1	475	442	517	478	7.86	cps
Silver	109-1	292	425	308	342	21.26	cps
Sodium	23-2	36145	36271	36663	36360	0.74	cps
Strontium	86-1	1967	1950	1909	1942	1.55	cps
Strontium	88-1	2600	2600	2734	2645	2.91	cps
Sulfur	34-1	420581	428510	430627	426572	1.24	cps
Terbium	159-1	15920596	15816769	15498472	15745279	1.40	cps
Terbium	159-2	7370229	7511692	7503334	7461752	1.06	cps
Thallium	203-1	1042	1100	1258	1133	9.89	cps
Thallium	205-1	2734	2625	2742	2700	2.41	cps
Tin	118-1	942	1125	1000	1022	9.16	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB34	Instrumnet Name :	P8
Client Sample ID :	CCB34	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:25:14	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	275	183	225	20.62	cps
Uranium	238-1	217	225	200	214	5.95	cps
Vanadium	51-2	27	20	47	31	44.61	cps
Ytterbium	172-1	17	25	8	17	50.01	cps
Ytterbium	172-2	39	6	22	22	74.99	cps
Ytterbium	176-1	1700	1650	1875	1742	6.78	cps
Ytterbium	176-2	1372	1672	1645	1563	10.61	cps
Yttrium	89-1	28457764	27986029	29234766	28559520	2.21	cps
Yttrium	89-2	3391996	3368708	3338478	3366394	0.80	cps
Zinc	66-2	977	1060	1127	1054	7.13	cps
Zirconium	90-1	1483	1500	1500	1495	0.64	cps
Zirconium	91-1	350	267	258	292	17.38	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:28:14	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2281	2380	2286	2316	2.40	cps
Antimony	121-1	19932	20833	20741	20502	2.42	cps
Arsenic	75-2	372	387	378	379	1.99	cps
Barium	135-1	26134	27036	26594	26588	1.70	cps
Barium	137-1	44658	45670	45611	45313	1.25	cps
Beryllium	9-1	3484	3540	3614	3546	1.84	cps
Bismuth	209-1	8469305	8764956	8449526	8561262	2.06	cps
Bismuth	209-2	5149147	4552424	5295326	4998966	7.87	cps
Boron	10-1	12179	12817	12805	12600	2.90	cps
Boron	11-1	59880	60514	61636	60677	1.47	cps
Bromine	81-1	23935	24838	24075	24283	2.00	cps
Cadmium	111-1	7497	7564	7421	7494	0.95	cps
Cadmium	106-1	7035	6919	7135	7030	1.54	cps
Cadmium	108-1	296	250	296	281	9.43	cps
Calcium	43-1	22945	22942	22775	22887	0.42	cps
Calcium	44-1	418436	416191	417490	417373	0.27	cps
Carbon	12-1	6730017	6884577	6745448	6786681	1.25	cps
Carbon	12-2	64333	63948	64810	64364	0.67	cps
Chlorine	35-1	1649830	1633942	1598330	1627367	1.62	cps
Chlorine	35-2	11722	11421	11597	11580	1.30	cps
Chromium	52-2	9500	9360	9316	9392	1.02	cps
Cobalt	59-2	7225	6925	6985	7045	2.25	cps
Copper	63-2	11265	11525	11421	11404	1.15	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	42	83	92	72	37.09	cps
Erbium	164-2	33	33	50	39	24.75	cps
Gadolinium	160-1	125	108	100	111	11.46	cps
Gadolinium	160-2	63	23	53	47	44.61	cps
Holmium	165-1	15127307	15218216	15054504	15133343	0.54	cps
Holmium	165-2	7505292	6734213	7574874	7271460	6.42	cps
Indium	115-1	14362516	13894715	14085002	14114078	1.67	cps
Indium	115-2	2432919	2135022	2442444	2336795	7.48	cps
Iron	54-2	10132	10393	10321	10282	1.31	cps
Iron	56-2	173337	174353	170895	172862	1.03	cps
Iron	57-2	4178	4829	4262	4423	8.00	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:28:14	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1007	897	947	950	5.80	cps
Lead	206-1	7919	7853	8397	8056	3.69	cps
Lead	207-1	7324	7063	7185	7191	1.82	cps
Lead	208-1	32455	33112	32900	32823	1.02	cps
Lithium	6-1	7041678	6758587	6969849	6923372	2.13	cps
Magnesium	24-2	140888	142770	140188	141282	0.95	cps
Manganese	55-2	2300	2290	2237	2276	1.50	cps
Molybdenum	94-1	25950	26517	26292	26253	1.09	cps
Molybdenum	95-1	33458	32873	32330	32887	1.71	cps
Molybdenum	96-1	35738	36816	36557	36370	1.55	cps
Molybdenum	97-1	20332	20591	19798	20240	2.00	cps
Molybdenum	98-1	52065	52927	52408	52466	0.83	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2087	2017	2003	2036	2.20	cps
Phosphorus	31-2	83	117	83	94	20.37	cps
Potassium	39-2	132850	133287	129636	131924	1.51	cps
Rhodium	103-1	14490801	14453882	14508756	14484479	0.19	cps
Rhodium	103-2	7017540	6214616	6936484	6722880	6.58	cps
Scandium	45-1	11541416	11730085	11545304	11605602	0.93	cps
Scandium	45-2	369151	329956	366142	355083	6.14	cps
Selenium	82-1	1131	1279	1192	1201	6.17	cps
Selenium	77-2	30	30	30	30	0.00	cps
Selenium	78-2	221	214	215	217	1.75	cps
Silicon	28-1	581595	588174	589573	586447	0.73	cps
Silver	107-1	15092	14733	15017	14947	1.27	cps
Silver	109-1	14349	13632	14591	14191	3.52	cps
Sodium	23-2	301630	306714	301785	303377	0.95	cps
Strontium	86-1	6377	6543	6318	6413	1.82	cps
Strontium	88-1	41537	39992	39432	40320	2.70	cps
Sulfur	34-1	441451	437536	435441	438142	0.70	cps
Terbium	159-1	15720722	16091512	16047233	15953156	1.27	cps
Terbium	159-2	7641695	6888559	7541638	7357297	5.56	cps
Thallium	203-1	9012	9637	9704	9451	4.04	cps
Thallium	205-1	22462	22946	22771	22726	1.08	cps
Tin	118-1	46973	46338	46413	46575	0.75	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:28:14	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	11346	11163	10237	10916	5.45	cps
Uranium	238-1	24625	24867	23664	24385	2.61	cps
Vanadium	51-2	15805	15615	15535	15652	0.89	cps
Ytterbium	172-1	33	42	25	33	25.01	cps
Ytterbium	172-2	28	6	17	17	66.65	cps
Ytterbium	176-1	1709	1759	1759	1742	1.66	cps
Ytterbium	176-2	1445	1378	1545	1456	5.76	cps
Yttrium	89-1	29550401	28684700	28287749	28840950	2.24	cps
Yttrium	89-2	3450092	3000407	3368192	3272897	7.32	cps
Zinc	66-2	2080	2090	2050	2074	1.00	cps
Zirconium	90-1	22602	22636	22886	22708	0.68	cps
Zirconium	91-1	5134	5393	4893	5140	4.87	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:46:39	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39392	39773	40366	39844	1.23	cps
Antimony	121-1	2942	2767	2742	2817	3.87	cps
Arsenic	75-2	2574	2585	2579	2579	0.21	cps
Barium	135-1	230434	229874	234507	231605	1.09	cps
Barium	137-1	402121	409949	409681	407251	1.09	cps
Beryllium	9-1	162	148	162	157	5.14	cps
Bismuth	209-1	8272941	8329131	8599902	8400658	2.08	cps
Bismuth	209-2	5123147	4978663	5173214	5091675	1.98	cps
Boron	10-1	32784	34656	35227	34222	3.73	cps
Boron	11-1	161529	172163	174717	169470	4.13	cps
Bromine	81-1	95221	109767	120628	108539	11.74	cps
Cadmium	111-1	4617	4569	4741	4643	1.91	cps
Cadmium	106-1	6543	6435	6735	6571	2.31	cps
Cadmium	108-1	54	63	75	64	16.41	cps
Calcium	43-1	1210534	1219872	1251722	1227376	1.76	cps
Calcium	44-1	20057960	20148200	19971272	20059144	0.44	cps
Carbon	12-1	16616810	18270656	19074306	17987257	6.97	cps
Carbon	12-2	193008	198782	197042	196277	1.51	cps
Chlorine	35-1	1197352	1284860	1366110	1282774	6.58	cps
Chlorine	35-2	11730	11321	11697	11583	1.96	cps
Chromium	52-2	6918	7232	6582	6911	4.71	cps
Cobalt	59-2	12232	11612	11618	11821	3.01	cps
Copper	63-2	17748	17835	18122	17901	1.09	cps
Dysprosium	156-1	1834	1667	1683	1728	5.31	cps
Dysprosium	156-2	903	850	907	887	3.59	cps
Erbium	164-1	1684	1650	1750	1695	3.01	cps
Erbium	164-2	793	787	780	787	0.85	cps
Gadolinium	160-1	2042	2042	1959	2014	2.39	cps
Gadolinium	160-2	1050	1103	1073	1076	2.49	cps
Holmium	165-1	15116002	15184700	15756763	15352489	2.29	cps
Holmium	165-2	7827880	7517742	7629254	7658292	2.05	cps
Indium	115-1	14215108	14357039	14379911	14317353	0.62	cps
Indium	115-2	2462286	2528252	2485181	2491906	1.34	cps
Iron	54-2	2472905	2460707	2461972	2465195	0.27	cps
Iron	56-2	43593600	43550469	43577748	43573939	0.05	cps
Iron	57-2	1058758	1060447	1064045	1061083	0.25	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:46:39	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	953	1017	996	3.67	cps
Lead	206-1	12139	13674	13435	13083	6.31	cps
Lead	207-1	11222	10749	11005	10992	2.15	cps
Lead	208-1	49944	52136	51947	51342	2.37	cps
Lithium	6-1	6708396	6851396	6736669	6765487	1.12	cps
Magnesium	24-2	2518901	2562605	2507705	2529737	1.15	cps
Manganese	55-2	3297375	3359590	3428694	3361886	1.95	cps
Molybdenum	94-1	7035	6910	6452	6799	4.52	cps
Molybdenum	95-1	8286	8002	7894	8061	2.51	cps
Molybdenum	96-1	9795	9428	9879	9701	2.47	cps
Molybdenum	97-1	5176	4434	5093	4901	8.29	cps
Molybdenum	98-1	12689	12414	12856	12653	1.76	cps
Neodymium	150-1	2940	3107	2787	2945	5.44	cps
Neodymium	150-2	1023	967	1023	1004	3.26	cps
Nickel	60-2	9737	10110	9887	9911	1.90	cps
Phosphorus	31-2	1083	1092	1133	1103	2.43	cps
Potassium	39-2	1188835	1189005	1165385	1181075	1.15	cps
Rhodium	103-1	14392779	14277419	14806774	14492324	1.92	cps
Rhodium	103-2	7027096	6949261	6901794	6959384	0.91	cps
Scandium	45-1	11914052	11998948	12070090	11994363	0.65	cps
Scandium	45-2	383151	382502	384339	383331	0.24	cps
Selenium	82-1	77	188	97	121	48.79	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	105	95	105	102	5.68	cps
Silicon	28-1	53693401	54339866	55313366	54448878	1.50	cps
Silver	107-1	567	625	583	592	5.08	cps
Silver	109-1	583	525	508	539	7.31	cps
Sodium	23-2	13726167	13719843	13543636	13663216	0.76	cps
Strontium	86-1	504848	500588	491327	498921	1.39	cps
Strontium	88-1	4351096	4330322	4420582	4367333	1.08	cps
Sulfur	34-1	1963745	2023485	1988701	1991977	1.51	cps
Terbium	159-1	15597584	15685454	16233907	15838982	2.18	cps
Terbium	159-2	7807794	7609578	7554978	7657450	1.74	cps
Thallium	203-1	508	583	500	531	8.65	cps
Thallium	205-1	1617	1417	1175	1403	15.77	cps
Tin	118-1	1992	1917	1717	1875	7.58	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:46:39	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	26095	24113	29560	26589	10.37	cps
Uranium	238-1	2225	2567	2250	2348	8.11	cps
Vanadium	51-2	6348	6465	6582	6465	1.81	cps
Ytterbium	172-1	525	658	608	597	11.28	cps
Ytterbium	172-2	317	272	283	291	7.96	cps
Ytterbium	176-1	1934	2117	2025	2025	4.53	cps
Ytterbium	176-2	1978	1956	2295	2076	9.13	cps
Yttrium	89-1	29327742	28560424	30884815	29590994	4.00	cps
Yttrium	89-2	3595998	3515645	3482652	3531432	1.65	cps
Zinc	66-2	18072	18122	17554	17916	1.75	cps
Zirconium	90-1	5343	7404	5310	6019	19.93	cps
Zirconium	91-1	1092	1225	1233	1183	6.72	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:49:33	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20692	20934	21318	20981	1.51	cps
Antimony	121-1	2017	2192	1742	1984	11.44	cps
Arsenic	75-2	424	366	403	398	7.38	cps
Barium	135-1	130904	130771	130661	130779	0.09	cps
Barium	137-1	226656	229136	226805	227532	0.61	cps
Beryllium	9-1	114	88	106	103	12.97	cps
Bismuth	209-1	8164976	8267390	8321098	8251155	0.96	cps
Bismuth	209-2	5160461	5189811	5135014	5161762	0.53	cps
Boron	10-1	28187	29532	30443	29387	3.86	cps
Boron	11-1	139360	144601	149183	144381	3.40	cps
Bromine	81-1	78359	85475	92144	85326	8.08	cps
Cadmium	111-1	4440	4781	4722	4648	3.93	cps
Cadmium	106-1	6310	6794	6635	6580	3.75	cps
Cadmium	108-1	63	58	50	57	11.18	cps
Calcium	43-1	1088319	1098994	1104948	1097420	0.77	cps
Calcium	44-1	17895627	18500051	18459831	18285170	1.85	cps
Carbon	12-1	14820427	16371537	17261557	16151174	7.65	cps
Carbon	12-2	170279	167795	170914	169662	0.97	cps
Chlorine	35-1	1796071	1888630	1989450	1891384	5.11	cps
Chlorine	35-2	17853	17452	18746	18017	3.68	cps
Chromium	52-2	4811	4804	4667	4761	1.70	cps
Cobalt	59-2	2530	2317	2457	2435	4.45	cps
Copper	63-2	22354	21964	21750	22023	1.39	cps
Dysprosium	156-1	900	875	833	869	3.87	cps
Dysprosium	156-2	480	437	403	440	8.74	cps
Erbium	164-1	800	725	808	778	5.90	cps
Erbium	164-2	450	390	330	390	15.38	cps
Gadolinium	160-1	1092	967	1067	1042	6.35	cps
Gadolinium	160-2	593	507	617	572	10.13	cps
Holmium	165-1	14368433	15214581	15113362	14898792	3.10	cps
Holmium	165-2	7587804	7789440	7675046	7684097	1.32	cps
Indium	115-1	13547575	13957959	14196818	13900784	2.36	cps
Indium	115-2	2467905	2437017	2394149	2433024	1.52	cps
Iron	54-2	158582	160452	158572	159202	0.68	cps
Iron	56-2	2984204	3019239	2960820	2988088	0.98	cps
Iron	57-2	74790	73003	72662	73485	1.56	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:49:33	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1003	1000	1010	1.44	cps
Lead	206-1	5157	5346	5107	5203	2.42	cps
Lead	207-1	4117	4078	4117	4104	0.55	cps
Lead	208-1	19684	19506	19578	19589	0.46	cps
Lithium	6-1	6522089	6707207	7040176	6756490	3.89	cps
Magnesium	24-2	2663505	2648857	2653150	2655171	0.28	cps
Manganese	55-2	298646	301705	297119	299157	0.78	cps
Molybdenum	94-1	6343	5893	6410	6216	4.52	cps
Molybdenum	95-1	8619	8211	8077	8303	3.40	cps
Molybdenum	96-1	8853	9662	8928	9148	4.89	cps
Molybdenum	97-1	4826	5001	5118	4982	2.95	cps
Molybdenum	98-1	13390	12923	13265	13193	1.83	cps
Neodymium	150-1	1027	967	973	989	3.33	cps
Neodymium	150-2	403	407	423	411	2.61	cps
Nickel	60-2	2784	2744	2624	2717	3.07	cps
Phosphorus	31-2	2275	1959	2175	2136	7.58	cps
Potassium	39-2	809498	798901	793865	800755	1.00	cps
Rhodium	103-1	13596298	14480514	14424511	14167108	3.49	cps
Rhodium	103-2	6889594	6894583	6745861	6843346	1.23	cps
Scandium	45-1	10921742	11786027	11889926	11532565	4.61	cps
Scandium	45-2	378189	381889	380195	380091	0.49	cps
Selenium	82-1	17	93	41	50	77.72	cps
Selenium	77-2	10	3	7	7	50.03	cps
Selenium	78-2	100	92	110	101	8.96	cps
Silicon	28-1	45184637	44172124	43812746	44389836	1.60	cps
Silver	107-1	375	517	300	397	27.70	cps
Silver	109-1	250	300	350	300	16.67	cps
Sodium	23-2	17076640	16897830	16938306	16970925	0.55	cps
Strontium	86-1	574653	587631	577455	579913	1.18	cps
Strontium	88-1	4998725	5192606	5047027	5079453	1.99	cps
Sulfur	34-1	973475	978843	970126	974148	0.45	cps
Terbium	159-1	15291526	15965311	16279129	15845322	3.18	cps
Terbium	159-2	7694178	7601366	7537624	7611056	1.03	cps
Thallium	203-1	517	500	383	467	15.57	cps
Thallium	205-1	1208	1225	1217	1217	0.69	cps
Tin	118-1	2417	2350	2025	2264	9.26	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:49:33	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	15885	13507	14207	14533	8.41	cps
Uranium	238-1	4859	4659	4418	4645	4.76	cps
Vanadium	51-2	4167	4014	4144	4108	2.01	cps
Ytterbium	172-1	275	258	300	278	7.55	cps
Ytterbium	172-2	217	172	167	185	14.80	cps
Ytterbium	176-1	1867	2167	2167	2067	8.38	cps
Ytterbium	176-2	1472	1945	1761	1726	13.79	cps
Yttrium	89-1	27494277	29694793	29241924	28810331	4.03	cps
Yttrium	89-2	3475178	3406395	3422459	3434678	1.05	cps
Zinc	66-2	16720	16293	15836	16283	2.72	cps
Zirconium	90-1	3626	6308	3901	4611	32.00	cps
Zirconium	91-1	967	717	767	817	16.20	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:52:31	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21245	21273	21476	21331	0.59	cps
Antimony	121-1	2009	1984	2017	2003	0.87	cps
Arsenic	75-2	423	465	420	436	5.77	cps
Barium	135-1	130139	131208	130904	130750	0.42	cps
Barium	137-1	227690	221675	226289	225218	1.40	cps
Beryllium	9-1	94	122	132	116	16.98	cps
Bismuth	209-1	8409616	8610183	8321020	8446940	1.75	cps
Bismuth	209-2	5020313	5115302	5096833	5077483	0.99	cps
Boron	10-1	27757	29113	29886	28919	3.73	cps
Boron	11-1	137958	144685	147675	143439	3.47	cps
Bromine	81-1	73979	82124	85456	80519	7.33	cps
Cadmium	111-1	4870	4721	4248	4613	7.04	cps
Cadmium	106-1	6960	6619	6035	6538	7.16	cps
Cadmium	108-1	63	71	50	61	17.16	cps
Calcium	43-1	1089129	1087372	1089107	1088536	0.09	cps
Calcium	44-1	18465515	17914891	18016441	18132282	1.62	cps
Carbon	12-1	15090087	16776364	16903308	16256586	6.23	cps
Carbon	12-2	169832	176647	174935	173805	2.04	cps
Chlorine	35-1	2097081	2255135	2296515	2216244	4.75	cps
Chlorine	35-2	19155	19096	19823	19358	2.08	cps
Chromium	52-2	5188	4597	4768	4851	6.26	cps
Cobalt	59-2	2404	2364	2287	2351	2.52	cps
Copper	63-2	21824	21753	21617	21731	0.48	cps
Dysprosium	156-1	825	725	733	761	7.29	cps
Dysprosium	156-2	413	443	407	421	4.64	cps
Erbium	164-1	767	767	875	803	7.79	cps
Erbium	164-2	317	440	353	370	17.12	cps
Gadolinium	160-1	892	958	933	928	3.63	cps
Gadolinium	160-2	523	533	657	571	13.00	cps
Holmium	165-1	15000620	15242924	14641921	14961822	2.02	cps
Holmium	165-2	7786891	7741045	7597336	7708424	1.28	cps
Indium	115-1	13791226	14015944	14197253	14001474	1.45	cps
Indium	115-2	2392656	2444476	2431602	2422911	1.11	cps
Iron	54-2	156682	160486	157335	158168	1.29	cps
Iron	56-2	3010822	3081745	3079202	3057256	1.32	cps
Iron	57-2	73031	73260	73126	73139	0.16	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:52:31	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1010	967	890	956	6.36	cps
Lead	206-1	5079	5118	4684	4960	4.84	cps
Lead	207-1	4056	4306	4056	4140	3.49	cps
Lead	208-1	19128	19578	19084	19263	1.42	cps
Lithium	6-1	6797971	6667208	6880253	6781811	1.58	cps
Magnesium	24-2	2679596	2600987	2624495	2635026	1.53	cps
Manganese	55-2	300812	297354	299239	299135	0.58	cps
Molybdenum	94-1	6152	5510	5851	5838	5.50	cps
Molybdenum	95-1	8036	7961	7911	7969	0.79	cps
Molybdenum	96-1	9228	9153	9162	9181	0.45	cps
Molybdenum	97-1	4609	5184	4801	4865	6.02	cps
Molybdenum	98-1	13223	13582	12714	13173	3.31	cps
Neodymium	150-1	1100	1253	1287	1213	8.21	cps
Neodymium	150-2	370	423	420	404	7.39	cps
Nickel	60-2	2727	2544	2820	2697	5.22	cps
Phosphorus	31-2	2442	2217	1959	2206	10.97	cps
Potassium	39-2	792732	794829	797506	795022	0.30	cps
Rhodium	103-1	14551116	14322896	14028231	14300748	1.83	cps
Rhodium	103-2	6776823	6822838	6783229	6794297	0.37	cps
Scandium	45-1	11725285	11409182	11516196	11550221	1.39	cps
Scandium	45-2	376794	376535	377858	377062	0.19	cps
Selenium	82-1	74	38	194	102	80.09	cps
Selenium	77-2	0	17	3	7	132.33	cps
Selenium	78-2	107	106	90	101	9.44	cps
Silicon	28-1	44556555	44093513	45030589	44560219	1.05	cps
Silver	107-1	317	358	350	342	6.45	cps
Silver	109-1	258	308	217	261	17.58	cps
Sodium	23-2	16811789	16821430	16801471	16811563	0.06	cps
Strontium	86-1	574706	568902	561091	568233	1.20	cps
Strontium	88-1	5087226	5055951	4917225	5020134	1.80	cps
Sulfur	34-1	921690	941726	941912	935109	1.24	cps
Terbium	159-1	16072419	16096082	15781701	15983401	1.10	cps
Terbium	159-2	7719397	7658064	7652480	7676647	0.48	cps
Thallium	203-1	458	517	492	489	5.99	cps
Thallium	205-1	1350	1167	1158	1225	8.84	cps
Tin	118-1	2150	2267	1959	2125	7.33	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:52:31	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	13515	13707	13065	13429	2.46	cps
Uranium	238-1	4401	4960	4843	4734	6.22	cps
Vanadium	51-2	4017	4177	3794	3996	4.82	cps
Ytterbium	172-1	392	433	492	439	11.45	cps
Ytterbium	172-2	194	228	217	213	7.97	cps
Ytterbium	176-1	1784	1925	1925	1878	4.36	cps
Ytterbium	176-2	1656	1611	1595	1621	1.95	cps
Yttrium	89-1	29154570	29248798	28778215	29060527	0.86	cps
Yttrium	89-2	3439106	3396774	3424623	3420168	0.63	cps
Zinc	66-2	16223	16657	16727	16535	1.65	cps
Zirconium	90-1	3551	5289	5388	4743	21.79	cps
Zirconium	91-1	800	675	850	775	11.63	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-28 14:55:27	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4133	4128	4320	4193	2.62	cps
Antimony	121-1	483	475	483	481	1.00	cps
Arsenic	75-2	88	82	101	90	10.75	cps
Barium	135-1	25099	25608	25516	25408	1.07	cps
Barium	137-1	43964	44499	43872	44112	0.77	cps
Beryllium	9-1	58	66	70	65	9.45	cps
Bismuth	209-1	8069618	8399609	8395857	8288361	2.29	cps
Bismuth	209-2	5172209	5115460	5189476	5159048	0.75	cps
Boron	10-1	9571	9431	9603	9535	0.96	cps
Boron	11-1	45359	45511	45983	45618	0.71	cps
Bromine	81-1	39637	42077	41745	41153	3.22	cps
Cadmium	111-1	4260	4525	4642	4476	4.37	cps
Cadmium	106-1	6018	6452	6552	6341	4.47	cps
Cadmium	108-1	33	83	21	46	72.17	cps
Calcium	43-1	210539	211416	210440	210798	0.25	cps
Calcium	44-1	3643130	3615193	3689794	3649373	1.03	cps
Carbon	12-1	9817416	9980556	9809973	9869315	0.98	cps
Carbon	12-2	93841	92323	94177	93447	1.06	cps
Chlorine	35-1	1492017	1522241	1497884	1504048	1.07	cps
Chlorine	35-2	11580	11572	11188	11447	1.96	cps
Chromium	52-2	2150	2150	2144	2148	0.18	cps
Cobalt	59-2	577	540	600	572	5.29	cps
Copper	63-2	5268	5254	5154	5225	1.19	cps
Dysprosium	156-1	175	217	200	197	10.63	cps
Dysprosium	156-2	140	87	80	102	32.17	cps
Erbium	164-1	283	158	233	225	27.96	cps
Erbium	164-2	103	100	110	104	4.88	cps
Gadolinium	160-1	275	242	300	272	10.75	cps
Gadolinium	160-2	160	120	123	134	16.51	cps
Holmium	165-1	14261154	15028458	15163972	14817861	3.29	cps
Holmium	165-2	7637936	7588229	7533960	7586708	0.69	cps
Indium	115-1	13327819	14018444	14449318	13931860	4.06	cps
Indium	115-2	2461346	2476842	2393823	2444004	1.81	cps
Iron	54-2	31880	31769	31006	31552	1.51	cps
Iron	56-2	573189	566388	564823	568134	0.78	cps
Iron	57-2	14463	14430	14185	14359	1.06	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-28 14:55:27	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	923	940	939	1.60	cps
Lead	206-1	2011	1689	1861	1854	8.70	cps
Lead	207-1	1478	1539	1456	1491	2.90	cps
Lead	208-1	7412	7084	7240	7245	2.26	cps
Lithium	6-1	6302951	6752881	6820578	6625470	4.25	cps
Magnesium	24-2	508983	505034	507566	507195	0.39	cps
Manganese	55-2	58051	57445	57127	57541	0.82	cps
Molybdenum	94-1	1867	1383	1600	1617	14.98	cps
Molybdenum	95-1	1909	1925	1758	1864	4.93	cps
Molybdenum	96-1	2125	2367	2134	2209	6.21	cps
Molybdenum	97-1	1083	1092	975	1050	6.20	cps
Molybdenum	98-1	3000	2742	3009	2917	5.20	cps
Neodymium	150-1	220	207	220	216	3.57	cps
Neodymium	150-2	100	110	63	91	26.97	cps
Nickel	60-2	657	593	530	593	10.67	cps
Phosphorus	31-2	450	442	467	453	2.81	cps
Potassium	39-2	174234	175205	174234	174558	0.32	cps
Rhodium	103-1	13591814	14521934	14332651	14148800	3.47	cps
Rhodium	103-2	6848672	6906414	6818778	6857955	0.65	cps
Scandium	45-1	11050258	11627154	12026428	11567947	4.24	cps
Scandium	45-2	375289	374921	371716	373975	0.53	cps
Selenium	82-1	57	105	108	90	31.49	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	90	79	80	83	7.33	cps
Silicon	28-1	9147083	9027380	8750548	8975004	2.27	cps
Silver	107-1	217	208	275	233	15.57	cps
Silver	109-1	133	167	142	147	11.78	cps
Sodium	23-2	3319423	3357344	3233144	3303304	1.93	cps
Strontium	86-1	113173	111914	111720	112269	0.70	cps
Strontium	88-1	954060	954290	935861	948070	1.12	cps
Sulfur	34-1	541508	543750	537215	540824	0.61	cps
Terbium	159-1	14894716	15774647	15826071	15498478	3.38	cps
Terbium	159-2	7612078	7511036	7481309	7534807	0.91	cps
Thallium	203-1	500	450	425	458	8.33	cps
Thallium	205-1	1058	1083	1067	1070	1.19	cps
Tin	118-1	1033	1333	1150	1172	12.90	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-28 14:55:27	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14436	2767	3226	6810	97.05	cps
Uranium	238-1	933	983	1133	1017	10.24	cps
Vanadium	51-2	790	857	873	840	5.25	cps
Ytterbium	172-1	83	117	83	94	20.37	cps
Ytterbium	172-2	44	89	56	63	36.73	cps
Ytterbium	176-1	1675	1708	1759	1714	2.45	cps
Ytterbium	176-2	1378	1511	1550	1480	6.11	cps
Yttrium	89-1	27388754	28983032	28705077	28358954	3.00	cps
Yttrium	89-2	3360618	3388051	3381509	3376726	0.42	cps
Zinc	66-2	4084	3994	4061	4046	1.15	cps
Zirconium	90-1	2034	2000	2117	2050	2.93	cps
Zirconium	91-1	408	342	433	394	12.01	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:58:27	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11079	12349	10775	11401	7.32	cps
Antimony	121-1	1133	1125	1192	1150	3.16	cps
Arsenic	75-2	247	255	248	250	1.74	cps
Barium	135-1	111457	109432	112651	111180	1.46	cps
Barium	137-1	188262	189118	191781	189720	0.97	cps
Beryllium	9-1	64	100	80	81	22.18	cps
Bismuth	209-1	8667155	8381667	8636802	8561875	1.83	cps
Bismuth	209-2	4940028	5010990	5018066	4989695	0.86	cps
Boron	10-1	16154	16948	17433	16845	3.83	cps
Boron	11-1	77954	84671	84720	82449	4.72	cps
Bromine	81-1	76939	86604	94381	85975	10.16	cps
Cadmium	111-1	4211	4506	4630	4449	4.83	cps
Cadmium	106-1	5976	6360	6610	6316	5.05	cps
Cadmium	108-1	50	42	50	47	10.18	cps
Calcium	43-1	972580	975989	983572	977380	0.58	cps
Calcium	44-1	16377966	16641834	16836277	16618692	1.38	cps
Carbon	12-1	14595824	16301672	17036173	15977890	7.84	cps
Carbon	12-2	173939	176806	174612	175119	0.86	cps
Chlorine	35-1	1932691	2007395	2093593	2011226	4.00	cps
Chlorine	35-2	17344	17369	17962	17558	1.99	cps
Chromium	52-2	2890	2850	3458	3066	11.09	cps
Cobalt	59-2	1107	1150	1077	1111	3.32	cps
Copper	63-2	10157	10144	10257	10186	0.61	cps
Dysprosium	156-1	575	608	583	589	2.95	cps
Dysprosium	156-2	250	253	227	243	5.97	cps
Erbium	164-1	617	775	492	628	22.62	cps
Erbium	164-2	323	297	270	297	8.99	cps
Gadolinium	160-1	700	692	600	664	8.36	cps
Gadolinium	160-2	390	317	357	354	10.36	cps
Holmium	165-1	15333852	15377082	15770980	15493971	1.55	cps
Holmium	165-2	7338198	7589264	7478028	7468496	1.68	cps
Indium	115-1	14143081	14026292	14720689	14296687	2.60	cps
Indium	115-2	2442647	2459993	2424059	2442233	0.74	cps
Iron	54-2	46110	46008	47047	46388	1.23	cps
Iron	56-2	820640	822438	816947	820009	0.34	cps
Iron	57-2	21366	20465	21261	21031	2.34	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:58:27	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	900	930	1027	952	6.95	cps
Lead	206-1	2950	2328	2684	2654	11.76	cps
Lead	207-1	2350	1884	2267	2167	11.49	cps
Lead	208-1	11174	9607	10257	10346	7.61	cps
Lithium	6-1	6831387	6900003	7076627	6936005	1.82	cps
Magnesium	24-2	2354340	2398258	2300859	2351152	2.07	cps
Manganese	55-2	63712	63219	62339	63090	1.10	cps
Molybdenum	94-1	2500	2792	2984	2759	8.82	cps
Molybdenum	95-1	3567	3667	3292	3509	5.54	cps
Molybdenum	96-1	3784	3784	3551	3706	3.63	cps
Molybdenum	97-1	2034	2067	2242	2114	5.29	cps
Molybdenum	98-1	5743	4601	5134	5159	11.08	cps
Neodymium	150-1	707	647	660	671	4.69	cps
Neodymium	150-2	243	267	273	261	6.03	cps
Nickel	60-2	1220	1293	1123	1212	7.03	cps
Phosphorus	31-2	492	433	492	472	7.13	cps
Potassium	39-2	594164	597879	586282	592775	1.00	cps
Rhodium	103-1	14266894	14152697	14669181	14362924	1.89	cps
Rhodium	103-2	6767985	6789706	6797722	6785137	0.23	cps
Scandium	45-1	11808315	11998414	12419203	12075311	2.59	cps
Scandium	45-2	375260	383283	372687	377077	1.47	cps
Selenium	82-1	145	108	36	96	57.46	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	84	105	82	90	14.10	cps
Silicon	28-1	40511689	40206481	40987604	40568592	0.97	cps
Silver	107-1	250	283	233	256	9.96	cps
Silver	109-1	200	175	217	197	10.63	cps
Sodium	23-2	13553753	13283160	13190105	13342339	1.42	cps
Strontium	86-1	514667	526689	512376	517911	1.48	cps
Strontium	88-1	4412019	4437575	4585390	4478328	2.09	cps
Sulfur	34-1	782340	777188	774973	778167	0.49	cps
Terbium	159-1	15887668	15594230	15908683	15796860	1.11	cps
Terbium	159-2	7555234	7583829	7461308	7533457	0.85	cps
Thallium	203-1	433	533	492	486	10.33	cps
Thallium	205-1	1183	942	1183	1103	12.65	cps
Tin	118-1	1167	1025	1158	1117	7.12	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-05	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 14:58:27	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7753	6960	7769	7494	6.17	cps
Uranium	238-1	5068	4884	4751	4901	3.25	cps
Vanadium	51-2	3054	3144	2927	3041	3.58	cps
Ytterbium	172-1	375	283	367	342	14.84	cps
Ytterbium	172-2	217	128	117	154	35.66	cps
Ytterbium	176-1	1934	1875	2059	1956	4.79	cps
Ytterbium	176-2	1317	1500	1545	1454	8.31	cps
Yttrium	89-1	28689878	28834678	30133318	29219291	2.72	cps
Yttrium	89-2	3402500	3366644	3422076	3397073	0.83	cps
Zinc	66-2	14120	13653	13510	13761	2.32	cps
Zirconium	90-1	2234	2801	2642	2559	11.44	cps
Zirconium	91-1	458	408	550	472	15.22	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:01:24	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9772	9902	10226	9967	2.35	cps
Antimony	121-1	2267	2200	2409	2292	4.64	cps
Arsenic	75-2	2226	2200	2209	2212	0.60	cps
Barium	135-1	172270	174728	173545	173514	0.71	cps
Barium	137-1	305754	308115	306551	306807	0.39	cps
Beryllium	9-1	108	100	82	97	13.78	cps
Bismuth	209-1	8424431	8591029	8521919	8512460	0.98	cps
Bismuth	209-2	5067739	5075938	4957808	5033828	1.31	cps
Boron	10-1	30936	32263	33488	32229	3.96	cps
Boron	11-1	156344	160464	161708	159505	1.76	cps
Bromine	81-1	92710	109556	119236	107167	12.53	cps
Cadmium	111-1	4484	4409	4447	4447	0.84	cps
Cadmium	106-1	6393	6302	6318	6338	0.77	cps
Cadmium	108-1	58	50	67	58	14.29	cps
Calcium	43-1	1041091	1045348	1041796	1042745	0.22	cps
Calcium	44-1	17349741	17311144	17670808	17443898	1.13	cps
Carbon	12-1	17495654	18143639	19264054	18301116	4.89	cps
Carbon	12-2	188679	195769	198896	194448	2.69	cps
Chlorine	35-1	1827471	1858795	1858885	1848384	0.98	cps
Chlorine	35-2	15542	14841	14358	14914	3.99	cps
Chromium	52-2	3894	3884	3984	3921	1.41	cps
Cobalt	59-2	5061	5204	5028	5098	1.84	cps
Copper	63-2	7869	8082	8333	8095	2.87	cps
Dysprosium	156-1	758	758	933	817	12.37	cps
Dysprosium	156-2	397	407	397	400	1.44	cps
Erbium	164-1	900	817	867	861	4.87	cps
Erbium	164-2	393	397	437	409	5.90	cps
Gadolinium	160-1	950	1075	925	983	8.17	cps
Gadolinium	160-2	507	407	400	438	13.65	cps
Holmium	165-1	15648472	15511746	15103015	15421078	1.84	cps
Holmium	165-2	7483643	7700130	7464488	7549420	1.73	cps
Indium	115-1	14355635	14351924	13946288	14217949	1.65	cps
Indium	115-2	2442008	2510556	2294451	2415671	4.57	cps
Iron	54-2	1052798	1022600	1031582	1035660	1.50	cps
Iron	56-2	19704616	19539339	19662885	19635613	0.44	cps
Iron	57-2	473649	470710	476487	473616	0.61	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:01:24	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	950	1077	997	1008	6.36	cps
Lead	206-1	6563	6952	6985	6833	3.44	cps
Lead	207-1	5829	5418	5724	5657	3.78	cps
Lead	208-1	27079	26489	26405	26658	1.38	cps
Lithium	6-1	6849863	6490009	6517666	6619179	3.03	cps
Magnesium	24-2	2133952	2230973	2145750	2170225	2.44	cps
Manganese	55-2	2160101	2118108	2103984	2127398	1.37	cps
Molybdenum	94-1	5168	5001	5118	5096	1.68	cps
Molybdenum	95-1	7644	6885	7244	7258	5.23	cps
Molybdenum	96-1	7977	7669	8011	7886	2.39	cps
Molybdenum	97-1	4109	4234	4251	4198	1.85	cps
Molybdenum	98-1	11263	11622	11338	11408	1.66	cps
Neodymium	150-1	1187	1127	1320	1211	8.17	cps
Neodymium	150-2	567	500	500	522	7.37	cps
Nickel	60-2	6385	6321	6311	6339	0.63	cps
Phosphorus	31-2	1133	1100	942	1058	9.68	cps
Potassium	39-2	1112894	1122642	1094145	1109894	1.30	cps
Rhodium	103-1	14523304	14605956	14293473	14474244	1.12	cps
Rhodium	103-2	6863742	7117988	6528319	6836683	4.33	cps
Scandium	45-1	11737159	11617260	11630986	11661801	0.56	cps
Scandium	45-2	376283	382352	363215	373950	2.62	cps
Selenium	82-1	178	21	132	110	72.92	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	85	93	98	92	7.13	cps
Silicon	28-1	45480740	43821582	44604766	44635696	1.86	cps
Silver	107-1	242	317	233	264	17.39	cps
Silver	109-1	158	225	100	161	38.82	cps
Sodium	23-2	12329280	12248612	12130974	12236289	0.81	cps
Strontium	86-1	448605	451363	458789	452919	1.16	cps
Strontium	88-1	3896838	3941458	3944055	3927450	0.68	cps
Sulfur	34-1	1455124	1418658	1441454	1438412	1.28	cps
Terbium	159-1	15831765	16053724	15892346	15925945	0.72	cps
Terbium	159-2	7468863	7650966	7268384	7462738	2.56	cps
Thallium	203-1	433	442	325	400	16.27	cps
Thallium	205-1	1225	1058	1058	1114	8.64	cps
Tin	118-1	1350	1325	1125	1267	9.74	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-01	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:01:24	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5768	7186	7700	6885	14.53	cps
Uranium	238-1	1475	1333	1383	1397	5.14	cps
Vanadium	51-2	3380	3447	3494	3440	1.66	cps
Ytterbium	172-1	317	300	217	278	19.29	cps
Ytterbium	172-2	172	172	167	170	1.88	cps
Ytterbium	176-1	2075	1934	1717	1909	9.46	cps
Ytterbium	176-2	1511	1545	1545	1533	1.26	cps
Yttrium	89-1	28673613	29459484	28626049	28919715	1.62	cps
Yttrium	89-2	3404831	3524635	3327542	3419002	2.90	cps
Zinc	66-2	14771	14791	14744	14769	0.16	cps
Zirconium	90-1	2825	3284	3075	3062	7.50	cps
Zirconium	91-1	558	792	708	686	17.23	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:04:22	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44342	44698	44579	44540	0.41	cps
Antimony	121-1	3117	3042	3109	3089	1.33	cps
Arsenic	75-2	399	342	392	378	8.23	cps
Barium	135-1	105594	106603	107686	106628	0.98	cps
Barium	137-1	180362	189449	186924	185578	2.53	cps
Beryllium	9-1	162	156	154	157	2.65	cps
Bismuth	209-1	8406215	7973009	8142207	8173810	2.67	cps
Bismuth	209-2	5119225	5305793	5120920	5181979	2.07	cps
Boron	10-1	21834	23061	22537	22477	2.74	cps
Boron	11-1	108527	110187	117000	111905	4.01	cps
Bromine	81-1	78479	84783	90150	84471	6.92	cps
Cadmium	111-1	4893	4138	4396	4476	8.57	cps
Cadmium	106-1	6894	5801	6252	6316	8.69	cps
Cadmium	108-1	58	50	67	58	14.29	cps
Calcium	43-1	797064	816112	802454	805210	1.22	cps
Calcium	44-1	13399336	13652839	13648848	13567008	1.07	cps
Carbon	12-1	15781086	16948030	17476522	16735213	5.18	cps
Carbon	12-2	174549	177531	177984	176688	1.06	cps
Chlorine	35-1	1860334	1951367	1998545	1936749	3.63	cps
Chlorine	35-2	17002	17144	17169	17105	0.53	cps
Chromium	52-2	5278	4788	5258	5108	5.43	cps
Cobalt	59-2	2707	2780	2637	2708	2.65	cps
Copper	63-2	23707	23937	23603	23749	0.72	cps
Dysprosium	156-1	1775	1683	1475	1645	9.35	cps
Dysprosium	156-2	797	820	813	810	1.48	cps
Erbium	164-1	1375	1608	1475	1486	7.88	cps
Erbium	164-2	767	743	737	749	2.10	cps
Gadolinium	160-1	1592	1492	1800	1628	9.67	cps
Gadolinium	160-2	1013	860	900	924	8.60	cps
Holmium	165-1	15061214	14306211	14591311	14652912	2.60	cps
Holmium	165-2	7793966	7951806	7786892	7844221	1.19	cps
Indium	115-1	14062810	13211346	13687144	13653766	3.13	cps
Indium	115-2	2477555	2488791	2529761	2498702	1.10	cps
Iron	54-2	135389	129124	131661	132058	2.39	cps
Iron	56-2	2480504	2421973	2538809	2480429	2.36	cps
Iron	57-2	62113	59340	60702	60718	2.28	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:04:22	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	950	990	940	960	2.76	cps
Lead	206-1	6657	6785	6413	6618	2.86	cps
Lead	207-1	5373	5418	5746	5512	3.69	cps
Lead	208-1	25488	26311	26000	25933	1.60	cps
Lithium	6-1	6619165	6251862	6259770	6376932	3.29	cps
Magnesium	24-2	1945870	1940234	1988319	1958141	1.34	cps
Manganese	55-2	164292	162111	167892	164765	1.77	cps
Molybdenum	94-1	6202	5760	5109	5690	9.66	cps
Molybdenum	95-1	6827	6518	6377	6574	3.50	cps
Molybdenum	96-1	7127	7736	7686	7516	4.50	cps
Molybdenum	97-1	4276	4534	4142	4317	4.61	cps
Molybdenum	98-1	10429	10588	9870	10296	3.66	cps
Neodymium	150-1	2080	2114	2020	2071	2.28	cps
Neodymium	150-2	757	783	713	751	4.70	cps
Nickel	60-2	2664	2687	2737	2696	1.39	cps
Phosphorus	31-2	1292	1542	1292	1375	10.50	cps
Potassium	39-2	740784	748804	751701	747096	0.76	cps
Rhodium	103-1	14499992	13788748	13923774	14070838	2.68	cps
Rhodium	103-2	6840411	6957190	7035393	6944331	1.41	cps
Scandium	45-1	11848271	11393561	11567296	11603043	1.98	cps
Scandium	45-2	386011	394669	390639	390440	1.11	cps
Selenium	82-1	161	89	127	125	28.74	cps
Selenium	77-2	23	10	10	14	53.28	cps
Selenium	78-2	91	98	88	92	5.56	cps
Silicon	28-1	43166600	44833846	45304925	44435124	2.53	cps
Silver	107-1	300	308	292	300	2.78	cps
Silver	109-1	267	292	250	269	7.78	cps
Sodium	23-2	12990872	12600205	12858887	12816655	1.55	cps
Strontium	86-1	415332	414830	413493	414552	0.23	cps
Strontium	88-1	3662790	3578167	3534648	3591868	1.81	cps
Sulfur	34-1	831412	820445	822063	824640	0.72	cps
Terbium	159-1	15907812	15089131	15519886	15505610	2.64	cps
Terbium	159-2	7724635	7825805	7736533	7762324	0.71	cps
Thallium	203-1	475	450	442	456	3.81	cps
Thallium	205-1	1000	1033	1117	1050	5.72	cps
Tin	118-1	1708	1683	1892	1761	6.46	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-03	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:04:22	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	29760	30877	34162	31600	7.24	cps
Uranium	238-1	2900	2950	3342	3064	7.89	cps
Vanadium	51-2	5905	5568	5621	5698	3.18	cps
Ytterbium	172-1	717	583	717	672	11.45	cps
Ytterbium	172-2	328	411	394	378	11.67	cps
Ytterbium	176-1	2359	2084	1934	2125	10.15	cps
Ytterbium	176-2	1622	1700	1711	1678	2.89	cps
Yttrium	89-1	29924130	27806574	28072819	28601174	4.03	cps
Yttrium	89-2	3506107	3528014	3594150	3542757	1.29	cps
Zinc	66-2	15515	14941	15235	15231	1.88	cps
Zirconium	90-1	7606	7719	4501	6609	27.63	cps
Zirconium	91-1	1133	1217	1108	1153	4.92	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:07:19	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12699	13221	13525	13149	3.18	cps
Antimony	121-1	592	642	592	608	4.75	cps
Arsenic	75-2	147	137	153	146	5.55	cps
Barium	135-1	274297	274667	271097	273354	0.72	cps
Barium	137-1	480441	472056	482332	478276	1.14	cps
Beryllium	9-1	82	76	88	82	7.31	cps
Bismuth	209-1	8421499	8278823	8092602	8264308	2.00	cps
Bismuth	209-2	5021259	5202702	5072410	5098791	1.83	cps
Boron	10-1	35057	36624	38435	36705	4.61	cps
Boron	11-1	171622	183803	183405	179610	3.85	cps
Bromine	81-1	85849	94462	100339	93550	7.79	cps
Cadmium	111-1	4587	4441	4404	4477	2.15	cps
Cadmium	106-1	6443	6260	6218	6307	1.90	cps
Cadmium	108-1	46	58	75	60	24.51	cps
Calcium	43-1	2118216	2145046	2154473	2139245	0.88	cps
Calcium	44-1	34774534	34927798	34567147	34756493	0.52	cps
Carbon	12-1	15051133	16718830	17145400	16305121	6.79	cps
Carbon	12-2	172641	175425	178324	175463	1.62	cps
Chlorine	35-1	2676206	2860209	3051382	2862599	6.55	cps
Chlorine	35-2	26183	26992	27844	27006	3.08	cps
Chromium	52-2	9286	9457	9210	9318	1.36	cps
Cobalt	59-2	1027	1180	1120	1109	6.97	cps
Copper	63-2	7435	7275	7449	7386	1.31	cps
Dysprosium	156-1	225	258	225	236	8.15	cps
Dysprosium	156-2	123	150	133	136	9.94	cps
Erbium	164-1	292	358	283	311	13.21	cps
Erbium	164-2	150	183	190	174	12.29	cps
Gadolinium	160-1	425	408	367	400	7.51	cps
Gadolinium	160-2	183	193	177	184	4.55	cps
Holmium	165-1	15261302	15297785	14791127	15116738	1.87	cps
Holmium	165-2	7730257	7813952	7972531	7838914	1.57	cps
Indium	115-1	14090205	14300461	14373932	14254866	1.03	cps
Indium	115-2	2499012	2501340	2526035	2508796	0.60	cps
Iron	54-2	28813	21821	20566	23733	18.72	cps
Iron	56-2	383513	361927	372850	372764	2.90	cps
Iron	57-2	10054	9683	9820	9852	1.91	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:07:19	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	930	900	977	936	4.13	cps
Lead	206-1	2028	2000	1878	1969	4.05	cps
Lead	207-1	1817	1767	1756	1780	1.83	cps
Lead	208-1	8146	8357	7823	8109	3.31	cps
Lithium	6-1	6552865	6577977	6661887	6597577	0.87	cps
Magnesium	24-2	3852178	3847748	3764269	3821398	1.30	cps
Manganese	55-2	8276	7635	8129	8013	4.19	cps
Molybdenum	94-1	3225	4219	4027	3824	13.78	cps
Molybdenum	95-1	4084	4376	4267	4242	3.48	cps
Molybdenum	96-1	5201	5251	4843	5098	4.37	cps
Molybdenum	97-1	2700	2625	3042	2789	7.96	cps
Molybdenum	98-1	6510	6610	6502	6541	0.92	cps
Neodymium	150-1	367	547	380	431	23.27	cps
Neodymium	150-2	497	133	180	270	73.26	cps
Nickel	60-2	3454	3190	3534	3393	5.30	cps
Phosphorus	31-2	367	392	458	406	11.68	cps
Potassium	39-2	564158	558831	571446	564812	1.12	cps
Rhodium	103-1	14387405	14670174	13976901	14344827	2.43	cps
Rhodium	103-2	6940457	7086098	6966536	6997697	1.11	cps
Scandium	45-1	11832693	12243460	11795754	11957302	2.08	cps
Scandium	45-2	386781	388168	393340	389430	0.89	cps
Selenium	82-1	323	339	289	317	8.05	cps
Selenium	77-2	13	10	17	13	25.01	cps
Selenium	78-2	109	124	125	119	7.51	cps
Silicon	28-1	83456652	81878764	83565525	82966980	1.14	cps
Silver	107-1	592	792	808	731	16.50	cps
Silver	109-1	700	892	708	767	14.13	cps
Sodium	23-2	20452361	20472332	20501207	20475300	0.12	cps
Strontium	86-1	1340274	1338269	1415656	1364733	3.23	cps
Strontium	88-1	11591148	11749547	11782713	11707803	0.87	cps
Sulfur	34-1	1270912	1279733	1283520	1278055	0.51	cps
Terbium	159-1	15660141	16036499	15363657	15686766	2.15	cps
Terbium	159-2	7601001	7858506	7866189	7775232	1.94	cps
Thallium	203-1	400	408	442	417	5.29	cps
Thallium	205-1	842	1100	875	939	14.97	cps
Tin	118-1	1492	1425	1617	1511	6.44	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:07:19	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7569	12269	7328	9055	30.76	cps
Uranium	238-1	7636	7744	7944	7775	2.01	cps
Vanadium	51-2	5144	5034	4961	5047	1.83	cps
Ytterbium	172-1	175	192	117	161	24.44	cps
Ytterbium	172-2	50	61	122	78	50.00	cps
Ytterbium	176-1	1683	1617	1834	1711	6.49	cps
Ytterbium	176-2	1167	1561	1628	1452	17.17	cps
Yttrium	89-1	29579103	29700203	29586338	29621881	0.23	cps
Yttrium	89-2	3562905	3499382	3541664	3534650	0.91	cps
Zinc	66-2	13423	14147	13610	13727	2.74	cps
Zirconium	90-1	3502	3467	3768	3579	4.60	cps
Zirconium	91-1	683	1017	608	770	28.28	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-03	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:10:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	600	640	595	612	4.03	cps
Antimony	121-1	133	192	208	178	22.15	cps
Arsenic	75-2	7	9	10	9	17.63	cps
Barium	135-1	267	208	92	189	47.17	cps
Barium	137-1	308	383	367	353	11.16	cps
Beryllium	9-1	38	44	18	33	40.83	cps
Bismuth	209-1	8635552	8376957	8599472	8537327	1.64	cps
Bismuth	209-2	5277054	5120585	5135467	5177702	1.67	cps
Boron	10-1	5426	5160	4740	5109	6.77	cps
Boron	11-1	25713	24684	23270	24556	5.00	cps
Bromine	81-1	37137	34999	34347	35495	4.11	cps
Cadmium	111-1	4575	4344	4326	4415	3.14	cps
Cadmium	106-1	6485	6218	6160	6288	2.76	cps
Cadmium	108-1	33	54	33	40	29.87	cps
Calcium	43-1	1122	1055	1110	1096	3.28	cps
Calcium	44-1	62516	63050	62659	62741	0.44	cps
Carbon	12-1	13604239	14843586	15388160	14611995	6.26	cps
Carbon	12-2	160665	158306	160697	159889	0.86	cps
Chlorine	35-1	1691834	1652717	1623779	1656110	2.06	cps
Chlorine	35-2	11847	10938	11230	11338	4.09	cps
Chromium	52-2	1747	1807	1773	1776	1.69	cps
Cobalt	59-2	127	93	143	121	21.02	cps
Copper	63-2	1483	1377	1357	1406	4.85	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	58	100	83	81	26.04	cps
Erbium	164-2	37	30	53	40	30.04	cps
Gadolinium	160-1	83	100	108	97	13.09	cps
Gadolinium	160-2	57	47	87	63	32.87	cps
Holmium	165-1	14640329	14890430	14947117	14825959	1.10	cps
Holmium	165-2	7704859	7599090	7633041	7645664	0.71	cps
Indium	115-1	14048917	14076072	14544320	14223103	1.96	cps
Indium	115-2	2469864	2544054	2435535	2483151	2.23	cps
Iron	54-2	1245	1472	1661	1459	14.30	cps
Iron	56-2	15614	15737	15303	15551	1.44	cps
Iron	57-2	356	367	461	394	14.70	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-03	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:10:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1110	1017	967	1031	7.06	cps
Lead	206-1	1217	1295	1439	1317	8.56	cps
Lead	207-1	1128	1028	1045	1067	5.02	cps
Lead	208-1	5012	4823	4828	4887	2.20	cps
Lithium	6-1	6376668	6906158	6681135	6654654	3.99	cps
Magnesium	24-2	1833	1700	1725	1753	4.04	cps
Manganese	55-2	430	513	480	474	8.84	cps
Molybdenum	94-1	483	558	550	531	7.75	cps
Molybdenum	95-1	350	217	317	294	23.57	cps
Molybdenum	96-1	425	417	425	422	1.14	cps
Molybdenum	97-1	217	208	133	186	24.66	cps
Molybdenum	98-1	442	458	375	425	10.38	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	70	100	177	116	47.60	cps
Phosphorus	31-2	100	117	83	100	16.66	cps
Potassium	39-2	24780	23904	23303	23995	3.10	cps
Rhodium	103-1	14288305	14676814	14411624	14458914	1.37	cps
Rhodium	103-2	6978123	7177988	7026064	7060725	1.48	cps
Scandium	45-1	11581976	11511284	11682437	11591899	0.74	cps
Scandium	45-2	382810	382381	380609	381933	0.31	cps
Selenium	82-1	-77	-5	17	-22	-229.75	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	88	86	107	94	12.37	cps
Silicon	28-1	515164	523535	527445	522048	1.20	cps
Silver	107-1	133	217	183	178	23.59	cps
Silver	109-1	117	150	133	133	12.50	cps
Sodium	23-2	33890	32487	33456	33277	2.16	cps
Strontium	86-1	2209	2167	2292	2222	2.86	cps
Strontium	88-1	5034	5043	4943	5007	1.11	cps
Sulfur	34-1	398379	395915	399634	397976	0.48	cps
Terbium	159-1	15475879	15894594	16121449	15830641	2.07	cps
Terbium	159-2	7702500	7643593	7637334	7661142	0.47	cps
Thallium	203-1	342	292	425	353	19.09	cps
Thallium	205-1	925	800	908	878	7.73	cps
Tin	118-1	1192	1150	1383	1242	10.02	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-03	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:10:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	400	308	347	13.65	cps
Uranium	238-1	150	117	92	119	24.50	cps
Vanadium	51-2	30	37	40	36	14.32	cps
Ytterbium	172-1	50	33	33	39	24.75	cps
Ytterbium	172-2	22	33	17	24	35.24	cps
Ytterbium	176-1	1725	1592	1800	1706	6.19	cps
Ytterbium	176-2	1228	1445	1445	1372	9.12	cps
Yttrium	89-1	28777146	29649580	29244291	29223672	1.49	cps
Yttrium	89-2	3470567	3466838	3466406	3467937	0.07	cps
Zinc	66-2	22081	21857	21690	21876	0.90	cps
Zirconium	90-1	1600	1592	1425	1539	6.42	cps
Zirconium	91-1	342	300	258	300	13.89	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:19:46	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5337343	5334882	5287206	5319810	0.53	cps
Antimony	121-1	5181882	5295691	5262072	5246548	1.11	cps
Arsenic	75-2	184025	185945	185030	185000	0.52	cps
Barium	135-1	6718641	6912619	6805081	6812114	1.43	cps
Barium	137-1	11522167	11609022	11507963	11546384	0.47	cps
Beryllium	9-1	1719623	1752295	1774688	1748869	1.58	cps
Bismuth	209-1	7979830	8056973	8316506	8117769	2.17	cps
Bismuth	209-2	4652636	4760753	4823751	4745714	1.82	cps
Boron	10-1	183791	193725	197502	191673	3.69	cps
Boron	11-1	882908	864883	887802	878531	1.37	cps
Bromine	81-1	25911	24968	25379	25419	1.86	cps
Cadmium	111-1	1439569	1434859	1447310	1440579	0.44	cps
Cadmium	106-1	159432	156668	162011	159370	1.68	cps
Cadmium	108-1	105680	108179	106004	106621	1.27	cps
Calcium	43-1	11819316	11834274	12014080	11889224	0.91	cps
Calcium	44-1	189449494	192647689	197274336	193123840	2.04	cps
Carbon	12-1	10647226	11145141	11203480	10998616	2.78	cps
Carbon	12-2	119240	120601	121189	120343	0.83	cps
Chlorine	35-1	909736	895822	900537	902031	0.78	cps
Chlorine	35-2	7069	7260	7260	7196	1.54	cps
Chromium	52-2	2179295	2219670	2169178	2189381	1.22	cps
Cobalt	59-2	3745258	3679515	3764254	3729676	1.19	cps
Copper	63-2	27178435	27932830	27082975	27398080	1.70	cps
Dysprosium	156-1	1100	1150	1033	1095	5.35	cps
Dysprosium	156-2	463	553	530	516	9.06	cps
Erbium	164-1	300	250	175	242	26.03	cps
Erbium	164-2	160	133	120	138	14.78	cps
Gadolinium	160-1	1067	1083	1133	1095	3.17	cps
Gadolinium	160-2	587	670	640	632	6.68	cps
Holmium	165-1	14774270	15799107	15768664	15447347	3.77	cps
Holmium	165-2	7463638	7574320	7724051	7587336	1.72	cps
Indium	115-1	13399069	13977650	14429245	13935322	3.71	cps
Indium	115-2	2288416	2293307	2387050	2322925	2.39	cps
Iron	54-2	23048985	23209285	23554553	23270941	1.11	cps
Iron	56-2	420233465	423317698	427122521	423557895	0.81	cps
Iron	57-2	10663130	10598045	10506090	10589088	0.75	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:19:46	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1087	1067	1079	0.99	cps
Lead	206-1	17841673	18260981	18386311	18162988	1.57	cps
Lead	207-1	15633352	15958449	15884317	15825373	1.08	cps
Lead	208-1	72264698	72230728	72065418	72186948	0.15	cps
Lithium	6-1	6412056	6817324	6678924	6636101	3.10	cps
Magnesium	24-2	76591700	74644770	74782868	75339779	1.44	cps
Manganese	55-2	10612658	10928697	10844615	10795323	1.52	cps
Molybdenum	94-1	13955889	14002310	13910058	13956085	0.33	cps
Molybdenum	95-1	16961679	17177739	17433172	17190863	1.37	cps
Molybdenum	96-1	19079341	19296635	19413779	19263251	0.88	cps
Molybdenum	97-1	10654833	10476705	10361111	10497550	1.41	cps
Molybdenum	98-1	27653858	27276899	26864493	27265083	1.45	cps
Neodymium	150-1	407	480	413	433	9.36	cps
Neodymium	150-2	53	43	47	48	10.66	cps
Nickel	60-2	1026578	1034163	1040309	1033683	0.67	cps
Phosphorus	31-2	58527	58912	57875	58438	0.90	cps
Potassium	39-2	29870972	29992017	30192573	30018520	0.54	cps
Rhodium	103-1	13504746	13455744	13382300	13447596	0.46	cps
Rhodium	103-2	6320193	6405799	6632601	6452864	2.50	cps
Scandium	45-1	11583858	11896074	12206648	11895526	2.62	cps
Scandium	45-2	374663	372691	384491	377282	1.68	cps
Selenium	82-1	111894	112422	112378	112232	0.26	cps
Selenium	77-2	3761	3891	3997	3883	3.05	cps
Selenium	78-2	12777	13033	12967	12926	1.03	cps
Silicon	28-1	6014772	6305354	6619355	6313160	4.79	cps
Silver	107-1	7659525	7537514	7591733	7596258	0.80	cps
Silver	109-1	7357973	7200361	7212932	7257089	1.21	cps
Sodium	23-2	142163812	144442216	142670716	143092248	0.84	cps
Strontium	86-1	22008705	22223264	22253882	22161950	0.60	cps
Strontium	88-1	190024600	187820321	191042208	189629043	0.87	cps
Sulfur	34-1	1111393	1082605	1096820	1096939	1.31	cps
Terbium	159-1	15930224	16288685	16105166	16108025	1.11	cps
Terbium	159-2	7392456	7585544	7687627	7555209	1.98	cps
Thallium	203-1	4492783	4476517	4513515	4494272	0.41	cps
Thallium	205-1	10459887	10557962	10334030	10450626	1.07	cps
Tin	118-1	4827049	4893274	4948208	4889510	1.24	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:19:46	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5568443	5694557	5783950	5682317	1.91	cps
Uranium	238-1	14117487	13297687	13194760	13536645	3.74	cps
Vanadium	51-2	1728370	1738386	1725728	1730828	0.39	cps
Ytterbium	172-1	92	75	83	83	10.00	cps
Ytterbium	172-2	39	67	44	50	29.40	cps
Ytterbium	176-1	21176	21468	21585	21410	0.98	cps
Ytterbium	176-2	11305	11889	11333	11509	2.86	cps
Yttrium	89-1	28505376	29252761	30289733	29349290	3.05	cps
Yttrium	89-2	3415584	3507389	3571228	3498067	2.24	cps
Zinc	66-2	3020650	3113327	2966179	3033386	2.45	cps
Zirconium	90-1	12065222	12056971	12136000	12086064	0.36	cps
Zirconium	91-1	2727147	2698473	2699778	2708466	0.60	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:26:07	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	201	230	247	226	10.32	cps
Antimony	121-1	617	783	1233	878	36.34	cps
Arsenic	75-2	11	11	7	10	23.89	cps
Barium	135-1	125	100	108	111	11.46	cps
Barium	137-1	242	192	242	225	12.83	cps
Beryllium	9-1	66	64	62	64	3.13	cps
Bismuth	209-1	8379908	8565406	8683944	8543086	1.79	cps
Bismuth	209-2	5239366	5235049	5262901	5245772	0.29	cps
Boron	10-1	7957	7811	7470	7746	3.22	cps
Boron	11-1	37137	36205	36280	36541	1.42	cps
Bromine	81-1	24978	24597	24818	24798	0.77	cps
Cadmium	111-1	4587	4551	4775	4638	2.59	cps
Cadmium	106-1	6577	6485	6894	6652	3.22	cps
Cadmium	108-1	113	108	138	119	13.20	cps
Calcium	43-1	645	651	617	638	2.81	cps
Calcium	44-1	54474	53994	53970	54146	0.53	cps
Carbon	12-1	7386893	7586459	7434536	7469296	1.40	cps
Carbon	12-2	71073	70285	70997	70785	0.61	cps
Chlorine	35-1	716454	700826	697522	704934	1.43	cps
Chlorine	35-2	5234	5109	5526	5290	4.04	cps
Chromium	52-2	1503	1373	1567	1481	6.66	cps
Cobalt	59-2	107	87	113	102	13.58	cps
Copper	63-2	1463	1410	1390	1421	2.67	cps
Dysprosium	156-1	8	8	50	22	108.27	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	58	100	92	83	26.46	cps
Erbium	164-2	23	57	57	46	42.25	cps
Gadolinium	160-1	67	117	108	97	27.55	cps
Gadolinium	160-2	27	60	57	48	38.42	cps
Holmium	165-1	15078687	15100936	15225434	15135019	0.52	cps
Holmium	165-2	7742707	7827381	7820269	7796786	0.60	cps
Indium	115-1	14077268	14126509	14239874	14147884	0.59	cps
Indium	115-2	2492026	2522910	2471561	2495499	1.04	cps
Iron	54-2	1206	1045	1200	1150	7.95	cps
Iron	56-2	10282	10304	10454	10347	0.91	cps
Iron	57-2	217	311	211	246	22.82	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : CCB35 Instrumnet Name : P8
 Client Sample ID : CCB35 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 15:26:07 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1023	1000	1029	3.11	cps
Lead	206-1	1439	1456	1450	1448	0.59	cps
Lead	207-1	1233	1295	1300	1276	2.90	cps
Lead	208-1	5923	5856	5773	5851	1.28	cps
Lithium	6-1	6495632	6727185	6881870	6701562	2.90	cps
Magnesium	24-2	1425	1442	1317	1395	4.87	cps
Manganese	55-2	333	280	363	326	12.96	cps
Molybdenum	94-1	933	925	925	928	0.52	cps
Molybdenum	95-1	550	592	408	517	18.60	cps
Molybdenum	96-1	725	758	575	686	14.23	cps
Molybdenum	97-1	358	392	350	367	6.01	cps
Molybdenum	98-1	958	783	700	814	16.20	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	73	107	97	92	18.55	cps
Phosphorus	31-2	142	75	133	117	31.14	cps
Potassium	39-2	26650	26074	26199	26308	1.15	cps
Rhodium	103-1	14356151	14607239	14453523	14472305	0.87	cps
Rhodium	103-2	7032784	7188822	7159523	7127043	1.16	cps
Scandium	45-1	11591324	12034049	11735250	11786874	1.92	cps
Scandium	45-2	384977	389082	385311	386457	0.59	cps
Selenium	82-1	-31	14	9	-3	-910.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	91	88	87	89	2.35	cps
Silicon	28-1	485421	489249	485238	486636	0.47	cps
Silver	107-1	358	475	325	386	20.40	cps
Silver	109-1	267	525	383	392	33.03	cps
Sodium	23-2	37164	37565	37298	37343	0.55	cps
Strontium	86-1	1959	1992	1975	1975	0.84	cps
Strontium	88-1	2917	2892	2609	2806	6.10	cps
Sulfur	34-1	423567	424561	428839	425656	0.66	cps
Terbium	159-1	15539542	15790876	15958475	15762964	1.34	cps
Terbium	159-2	7548281	7517788	7550051	7538706	0.24	cps
Thallium	203-1	958	875	858	897	5.97	cps
Thallium	205-1	2159	2284	2384	2275	4.96	cps
Tin	118-1	967	1033	1175	1058	10.05	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:26:07	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	175	258	228	20.15	cps
Uranium	238-1	183	183	167	178	5.41	cps
Vanadium	51-2	20	30	27	26	19.92	cps
Ytterbium	172-1	33	33	25	31	15.74	cps
Ytterbium	172-2	22	22	6	17	57.71	cps
Ytterbium	176-1	1692	1683	1567	1647	4.24	cps
Ytterbium	176-2	1567	1672	1706	1648	4.40	cps
Yttrium	89-1	28667610	28546461	28783392	28665821	0.41	cps
Yttrium	89-2	3511301	3473597	3544627	3509841	1.01	cps
Zinc	66-2	1073	1077	940	1030	7.57	cps
Zirconium	90-1	1475	1692	1400	1522	9.95	cps
Zirconium	91-1	450	367	342	386	14.69	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : M3962-01 Instrumnet Name : P8
 Client Sample ID : UNDERPASS Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 15:34:20 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6176	5978	5966	6040	1.95	cps
Antimony	121-1	13599	13716	13641	13652	0.43	cps
Arsenic	75-2	1889	1779	1874	1848	3.23	cps
Barium	135-1	394835	400510	396534	397293	0.73	cps
Barium	137-1	695582	705787	694143	698504	0.91	cps
Beryllium	9-1	56	86	52	65	28.73	cps
Bismuth	209-1	7828477	7274778	8104329	7735861	5.46	cps
Bismuth	209-2	5031686	4983394	4869481	4961520	1.68	cps
Boron	10-1	216278	230075	237249	227867	4.68	cps
Boron	11-1	993269	1056892	1084489	1044883	4.48	cps
Bromine	81-1	104807	121365	129392	118521	10.58	cps
Cadmium	111-1	5167	4821	5145	5044	3.83	cps
Cadmium	106-1	6568	5993	6368	6310	4.63	cps
Cadmium	108-1	92	88	54	78	26.42	cps
Calcium	43-1	8620351	9080215	8922421	8874329	2.63	cps
Calcium	44-1	141907512	148442355	143875941	144741936	2.32	cps
Carbon	12-1	15353281	16999576	17931301	16761386	7.79	cps
Carbon	12-2	181589	181994	188329	183971	2.05	cps
Chlorine	35-1	5499551	6695512	7638987	6611350	16.22	cps
Chlorine	35-2	73671	78949	83331	78650	6.15	cps
Chromium	52-2	4014	4351	4401	4255	4.94	cps
Cobalt	59-2	7129	6685	6321	6712	6.02	cps
Copper	63-2	28138	28549	28111	28266	0.87	cps
Dysprosium	156-1	183	150	158	164	10.58	cps
Dysprosium	156-2	107	77	77	87	19.98	cps
Erbium	164-1	250	217	225	231	7.52	cps
Erbium	164-2	163	160	150	158	4.40	cps
Gadolinium	160-1	250	200	267	239	14.52	cps
Gadolinium	160-2	137	143	177	152	14.08	cps
Holmium	165-1	14935559	13622600	15094803	14550987	5.55	cps
Holmium	165-2	7594509	7738680	7638952	7657381	0.96	cps
Indium	115-1	14010131	12370821	13828434	13403129	6.70	cps
Indium	115-2	2478011	2509479	2487481	2491657	0.65	cps
Iron	54-2	41633	41399	41583	41539	0.30	cps
Iron	56-2	754313	752590	739173	748692	1.11	cps
Iron	57-2	20315	21924	21194	21144	3.81	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-01	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:34:20	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	993	910	913	939	5.03	cps
Lead	206-1	6179	6135	6001	6105	1.52	cps
Lead	207-1	5451	5340	4918	5236	5.38	cps
Lead	208-1	24448	24092	23687	24076	1.58	cps
Lithium	6-1	6477823	6038577	6912855	6476419	6.75	cps
Magnesium	24-2	7936431	7795718	7829606	7853918	0.94	cps
Manganese	55-2	1850993	1790333	1797213	1812846	1.83	cps
Molybdenum	94-1	11355	10963	10929	11082	2.13	cps
Molybdenum	95-1	17144	17929	17386	17486	2.30	cps
Molybdenum	96-1	18980	18863	17837	18560	3.39	cps
Molybdenum	97-1	10779	11005	11188	10991	1.86	cps
Molybdenum	98-1	27086	27753	28238	27692	2.09	cps
Neodymium	150-1	213	227	160	200	17.64	cps
Neodymium	150-2	60	60	80	67	17.32	cps
Nickel	60-2	5641	5931	5961	5845	3.03	cps
Phosphorus	31-2	500	425	475	467	8.18	cps
Potassium	39-2	2117527	2131023	2130356	2126302	0.36	cps
Rhodium	103-1	13775739	12315099	14017516	13369452	6.89	cps
Rhodium	103-2	6885656	6870674	7021180	6925837	1.20	cps
Scandium	45-1	11855471	10686492	11864425	11468796	5.91	cps
Scandium	45-2	392294	395462	393572	393776	0.40	cps
Selenium	82-1	285	375	357	339	13.94	cps
Selenium	77-2	10	7	3	7	50.03	cps
Selenium	78-2	78	111	118	102	20.87	cps
Silicon	28-1	95634692	97698904	97527325	96953640	1.18	cps
Silver	107-1	525	400	467	464	13.48	cps
Silver	109-1	408	475	367	417	13.12	cps
Sodium	23-2	89301717	89181054	90766877	89749883	0.98	cps
Strontium	86-1	5541292	5577291	5537791	5552125	0.39	cps
Strontium	88-1	47588378	47673807	47665720	47642635	0.10	cps
Sulfur	34-1	6381889	6560896	6544833	6495873	1.52	cps
Terbium	159-1	15682734	13897266	15774394	15118131	7.00	cps
Terbium	159-2	7646805	7686349	7619760	7650972	0.44	cps
Thallium	203-1	875	725	758	786	10.02	cps
Thallium	205-1	2184	1817	2250	2084	11.20	cps
Tin	118-1	1525	1600	1600	1575	2.75	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-01	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:34:20	DataFile Name :	036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6071	5335	5152	5519	8.82	cps
Uranium	238-1	121615	123468	122043	122375	0.79	cps
Vanadium	51-2	11341	11224	11401	11322	0.79	cps
Ytterbium	172-1	83	125	150	119	28.20	cps
Ytterbium	172-2	78	50	61	63	22.21	cps
Ytterbium	176-1	1717	1383	1950	1683	16.92	cps
Ytterbium	176-2	1767	1861	1617	1748	7.05	cps
Yttrium	89-1	28548040	25619994	28699549	27622528	6.28	cps
Yttrium	89-2	3615091	3556213	3620967	3597424	1.00	cps
Zinc	66-2	91238	90708	91037	90994	0.29	cps
Zirconium	90-1	3584	3526	4918	4009	19.64	cps
Zirconium	91-1	875	758	767	800	8.14	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-02	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:37:13	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12584	12252	12244	12360	1.57	cps
Antimony	121-1	692	850	742	761	10.63	cps
Arsenic	75-2	140	134	130	135	3.74	cps
Barium	135-1	266200	273188	272591	270660	1.43	cps
Barium	137-1	467705	467410	467334	467483	0.04	cps
Beryllium	9-1	80	68	90	79	13.88	cps
Bismuth	209-1	8419525	8632561	8562298	8538128	1.27	cps
Bismuth	209-2	5230752	5161900	5110906	5167853	1.16	cps
Boron	10-1	51155	50792	49034	50327	2.25	cps
Boron	11-1	250556	248895	252338	250596	0.69	cps
Bromine	81-1	81770	93253	98413	91146	9.35	cps
Cadmium	111-1	4617	4668	4721	4669	1.12	cps
Cadmium	106-1	6502	6610	6627	6580	1.03	cps
Cadmium	108-1	38	67	25	43	49.66	cps
Calcium	43-1	2096037	2132392	2104990	2111140	0.90	cps
Calcium	44-1	33952963	34686268	33826212	34155148	1.36	cps
Carbon	12-1	14336186	15945732	17446117	15909345	9.78	cps
Carbon	12-2	166908	173221	172573	170901	2.03	cps
Chlorine	35-1	4623802	4705305	4823582	4717563	2.13	cps
Chlorine	35-2	39881	38736	40750	39789	2.54	cps
Chromium	52-2	9433	9480	9510	9474	0.41	cps
Cobalt	59-2	1193	1157	1303	1218	6.27	cps
Copper	63-2	7192	7365	7832	7463	4.44	cps
Dysprosium	156-1	267	275	200	247	16.63	cps
Dysprosium	156-2	127	187	150	154	19.58	cps
Erbium	164-1	450	308	458	406	20.79	cps
Erbium	164-2	150	150	190	163	14.14	cps
Gadolinium	160-1	408	308	300	339	17.79	cps
Gadolinium	160-2	183	203	200	196	5.48	cps
Holmium	165-1	15247356	15346206	15688844	15427469	1.50	cps
Holmium	165-2	7730387	7596763	7686628	7671259	0.89	cps
Indium	115-1	14394599	14389100	14635754	14473151	0.97	cps
Indium	115-2	2560448	2521177	2476997	2519541	1.66	cps
Iron	54-2	20148	22222	21150	21174	4.90	cps
Iron	56-2	353819	386240	340730	360263	6.50	cps
Iron	57-2	9882	9353	10015	9750	3.59	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-02	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:37:13	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1040	1050	1007	1032	2.20	cps
Lead	206-1	2445	2184	2206	2278	6.36	cps
Lead	207-1	2541	1967	1895	2134	16.59	cps
Lead	208-1	9864	9240	8846	9317	5.51	cps
Lithium	6-1	7320773	6965822	6976745	7087780	2.85	cps
Magnesium	24-2	3819068	3815177	3772879	3802375	0.67	cps
Manganese	55-2	8199	8369	8229	8266	1.10	cps
Molybdenum	94-1	12038	3684	3334	6352	77.57	cps
Molybdenum	95-1	4684	4292	4159	4379	6.23	cps
Molybdenum	96-1	5201	5051	4651	4968	5.73	cps
Molybdenum	97-1	2792	2350	3075	2739	13.34	cps
Molybdenum	98-1	6418	6669	6802	6630	2.94	cps
Neodymium	150-1	327	327	373	342	7.87	cps
Neodymium	150-2	113	307	120	180	61.00	cps
Nickel	60-2	3287	3360	3414	3354	1.90	cps
Phosphorus	31-2	367	358	433	386	10.65	cps
Potassium	39-2	564658	563922	564129	564236	0.07	cps
Rhodium	103-1	14527685	14567137	14743617	14612813	0.79	cps
Rhodium	103-2	7088688	7025888	7068508	7061028	0.45	cps
Scandium	45-1	12351317	12134144	11803754	12096405	2.28	cps
Scandium	45-2	402871	400720	399146	400912	0.47	cps
Selenium	82-1	211	277	289	259	16.15	cps
Selenium	77-2	10	27	10	16	61.87	cps
Selenium	78-2	93	119	101	104	12.76	cps
Silicon	28-1	82787769	84259864	83731712	83593115	0.89	cps
Silver	107-1	725	925	842	831	12.10	cps
Silver	109-1	933	692	792	806	15.07	cps
Sodium	23-2	20558670	20737362	20602428	20632820	0.45	cps
Strontium	86-1	1334133	1347961	1333235	1338443	0.62	cps
Strontium	88-1	11820085	11578149	11896836	11765023	1.41	cps
Sulfur	34-1	1296438	1264526	1277474	1279479	1.25	cps
Terbium	159-1	15408281	16148721	15959817	15838940	2.43	cps
Terbium	159-2	7899328	7743413	7716569	7786437	1.27	cps
Thallium	203-1	717	650	667	678	5.12	cps
Thallium	205-1	1583	1500	1583	1556	3.09	cps
Tin	118-1	1608	1725	1625	1653	3.82	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-02	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:37:13	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6285	7554	6469	6769	10.13	cps
Uranium	238-1	7828	8320	8320	8156	3.48	cps
Vanadium	51-2	5168	5081	5028	5092	1.39	cps
Ytterbium	172-1	125	217	117	153	36.32	cps
Ytterbium	172-2	200	139	111	150	30.33	cps
Ytterbium	176-1	1758	1625	1942	1775	8.96	cps
Ytterbium	176-2	1695	1606	1622	1641	2.88	cps
Yttrium	89-1	30358592	29939850	30305238	30201227	0.75	cps
Yttrium	89-2	3636049	3553982	3555980	3582003	1.31	cps
Zinc	66-2	14040	13663	14120	13941	1.75	cps
Zirconium	90-1	2959	3501	3100	3187	8.82	cps
Zirconium	91-1	900	658	567	708	24.31	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-04	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:40:10	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	655	617	629	634	3.04	cps
Antimony	121-1	200	267	250	239	14.52	cps
Arsenic	75-2	12	10	15	12	20.40	cps
Barium	135-1	242	200	208	217	10.18	cps
Barium	137-1	542	608	475	542	12.31	cps
Beryllium	9-1	56	42	38	45	20.85	cps
Bismuth	209-1	8610749	8717307	8908863	8745640	1.73	cps
Bismuth	209-2	5237749	5158549	5170987	5189095	0.82	cps
Boron	10-1	11492	11140	10944	11192	2.48	cps
Boron	11-1	57478	54395	53087	54987	4.10	cps
Bromine	81-1	37448	34106	35060	35538	4.84	cps
Cadmium	111-1	4464	4753	4701	4639	3.32	cps
Cadmium	106-1	6310	6777	6718	6602	3.85	cps
Cadmium	108-1	46	46	63	51	18.73	cps
Calcium	43-1	1241	1220	1109	1190	5.98	cps
Calcium	44-1	67380	67390	66429	67066	0.82	cps
Carbon	12-1	13529909	15221359	16018632	14923300	8.52	cps
Carbon	12-2	157809	161481	162795	160695	1.61	cps
Chlorine	35-1	2458122	2361548	2297965	2372545	3.40	cps
Chlorine	35-2	17286	16635	16068	16663	3.66	cps
Chromium	52-2	1910	1800	1677	1796	6.50	cps
Cobalt	59-2	130	123	103	119	11.68	cps
Copper	63-2	1550	1493	1330	1458	7.84	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	58	133	92	94	39.79	cps
Erbium	164-2	53	63	30	49	34.99	cps
Gadolinium	160-1	125	67	133	108	33.53	cps
Gadolinium	160-2	53	27	47	42	32.86	cps
Holmium	165-1	14752329	15493170	15835608	15360369	3.60	cps
Holmium	165-2	7891367	7737535	7652640	7760514	1.56	cps
Indium	115-1	14359713	14779527	14816757	14651999	1.73	cps
Indium	115-2	2597663	2587997	2475244	2553635	2.67	cps
Iron	54-2	1378	1511	1611	1500	7.80	cps
Iron	56-2	15492	15058	15987	15512	3.00	cps
Iron	57-2	339	400	372	370	8.26	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-04	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:40:10	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	873	1123	997	998	12.53	cps
Lead	206-1	1367	1489	1200	1352	10.73	cps
Lead	207-1	1139	1206	1100	1148	4.65	cps
Lead	208-1	5495	5762	5184	5480	5.28	cps
Lithium	6-1	6839023	6673353	6907420	6806599	1.77	cps
Magnesium	24-2	1925	1767	1934	1875	5.01	cps
Manganese	55-2	667	680	543	630	11.96	cps
Molybdenum	94-1	625	567	675	622	8.71	cps
Molybdenum	95-1	458	367	383	403	12.12	cps
Molybdenum	96-1	525	400	383	436	17.75	cps
Molybdenum	97-1	192	133	217	181	23.68	cps
Molybdenum	98-1	550	400	525	492	16.35	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	130	140	157	142	9.47	cps
Phosphorus	31-2	75	117	100	97	21.57	cps
Potassium	39-2	25623	25356	26417	25799	2.14	cps
Rhodium	103-1	14461704	14812337	15337979	14870673	2.97	cps
Rhodium	103-2	7251430	7183781	7128577	7187929	0.86	cps
Scandium	45-1	11883091	12010709	12660362	12184721	3.42	cps
Scandium	45-2	398280	391066	392512	393953	0.97	cps
Selenium	82-1	140	-71	66	45	238.94	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	95	90	87	91	4.46	cps
Silicon	28-1	543170	548136	550820	547375	0.71	cps
Silver	107-1	367	317	258	314	17.27	cps
Silver	109-1	167	258	142	189	32.52	cps
Sodium	23-2	40858	40031	40022	40303	1.19	cps
Strontium	86-1	2150	2225	2167	2181	1.81	cps
Strontium	88-1	5801	5443	5760	5668	3.46	cps
Sulfur	34-1	409693	410942	405609	408748	0.68	cps
Terbium	159-1	15753088	15476550	16586402	15938680	3.62	cps
Terbium	159-2	7751917	7694616	7656312	7700948	0.62	cps
Thallium	203-1	483	633	475	531	16.80	cps
Thallium	205-1	1425	1275	1342	1347	5.58	cps
Tin	118-1	1158	1442	1300	1300	10.90	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3936-04	Instrumnet Name :	P8
Client Sample ID :	FB-9-24-21	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:40:10	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	325	367	344	6.09	cps
Uranium	238-1	200	125	167	164	22.93	cps
Vanadium	51-2	23	40	47	37	32.79	cps
Ytterbium	172-1	67	33	17	39	65.47	cps
Ytterbium	172-2	22	22	6	17	57.71	cps
Ytterbium	176-1	1633	1475	1942	1683	14.10	cps
Ytterbium	176-2	1483	1617	1517	1539	4.51	cps
Yttrium	89-1	29451014	29956316	31063465	30156932	2.73	cps
Yttrium	89-2	3637530	3535321	3548389	3573747	1.56	cps
Zinc	66-2	21904	21797	21543	21748	0.85	cps
Zirconium	90-1	1467	1367	1608	1481	8.20	cps
Zirconium	91-1	217	275	300	264	16.21	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:43:10	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	39288	39250	39740	39426	0.69	cps
Antimony	121-1	2634	2800	3059	2831	7.57	cps
Arsenic	75-2	2532	2601	2557	2563	1.34	cps
Barium	135-1	230741	235254	237692	234562	1.50	cps
Barium	137-1	403581	395297	401361	400080	1.07	cps
Beryllium	9-1	170	146	172	163	8.90	cps
Bismuth	209-1	8159445	8473488	8777817	8470250	3.65	cps
Bismuth	209-2	5100006	5159673	5341491	5200390	2.42	cps
Boron	10-1	36672	38356	39816	38282	4.11	cps
Boron	11-1	183778	196099	201208	193695	4.63	cps
Bromine	81-1	97972	110697	121020	109896	10.51	cps
Cadmium	111-1	4382	4802	4821	4668	5.31	cps
Cadmium	106-1	6252	6777	6844	6624	4.89	cps
Cadmium	108-1	63	42	46	50	22.05	cps
Calcium	43-1	1204469	1227695	1242677	1224947	1.57	cps
Calcium	44-1	20500292	20099618	19961035	20186981	1.39	cps
Carbon	12-1	17960113	19148856	19958128	19022366	5.28	cps
Carbon	12-2	206342	202780	205221	204781	0.89	cps
Chlorine	35-1	2165578	2209382	2194874	2189944	1.02	cps
Chlorine	35-2	18287	18178	18638	18368	1.31	cps
Chromium	52-2	7572	7335	7135	7348	2.98	cps
Cobalt	59-2	11702	11605	11468	11591	1.01	cps
Copper	63-2	17274	17437	17821	17511	1.60	cps
Dysprosium	156-1	1650	1717	1650	1672	2.30	cps
Dysprosium	156-2	830	840	833	834	0.61	cps
Erbium	164-1	1683	1608	1650	1647	2.28	cps
Erbium	164-2	733	680	827	747	9.94	cps
Gadolinium	160-1	1725	1925	2150	1934	11.00	cps
Gadolinium	160-2	1137	1100	1103	1113	1.82	cps
Holmium	165-1	15518800	15527590	15938889	15661760	1.53	cps
Holmium	165-2	7714686	7669264	7782495	7722148	0.74	cps
Indium	115-1	14363544	14463112	14935042	14587233	2.09	cps
Indium	115-2	2530035	2553276	2488135	2523815	1.31	cps
Iron	54-2	2471368	2422609	2422145	2438707	1.16	cps
Iron	56-2	44302262	43082559	43552497	43645773	1.41	cps
Iron	57-2	1059163	1052758	1051698	1054539	0.38	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:43:10	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	1177	927	1004	14.87	cps
Lead	206-1	13401	13435	12706	13181	3.12	cps
Lead	207-1	10338	11283	10454	10692	4.82	cps
Lead	208-1	49988	52203	48948	50380	3.30	cps
Lithium	6-1	6874244	7025768	7002858	6967623	1.17	cps
Magnesium	24-2	2556542	2479239	2547543	2527775	1.67	cps
Manganese	55-2	3326018	3268447	3369069	3321178	1.52	cps
Molybdenum	94-1	6543	5910	6277	6243	5.10	cps
Molybdenum	95-1	8336	7953	8161	8150	2.36	cps
Molybdenum	96-1	10079	9612	9462	9718	3.31	cps
Molybdenum	97-1	4943	4851	5034	4943	1.85	cps
Molybdenum	98-1	13232	12431	12397	12687	3.72	cps
Neodymium	150-1	2600	2700	2807	2703	3.83	cps
Neodymium	150-2	980	953	957	963	1.51	cps
Nickel	60-2	9663	9680	9577	9640	0.58	cps
Phosphorus	31-2	1100	1058	1083	1081	1.94	cps
Potassium	39-2	1188592	1178277	1183196	1183355	0.44	cps
Rhodium	103-1	14536928	14750721	14965455	14751034	1.45	cps
Rhodium	103-2	7126967	7263629	7105999	7165532	1.19	cps
Scandium	45-1	12674831	12247839	12454122	12458931	1.71	cps
Scandium	45-2	403340	396895	400842	400359	0.81	cps
Selenium	82-1	206	-27	201	126	105.36	cps
Selenium	77-2	13	10	10	11	17.30	cps
Selenium	78-2	105	92	102	100	6.83	cps
Silicon	28-1	54009880	55668694	53778926	54485834	1.89	cps
Silver	107-1	558	717	533	603	16.49	cps
Silver	109-1	417	525	525	489	12.79	cps
Sodium	23-2	13900222	13387828	13829421	13705824	2.03	cps
Strontium	86-1	490344	495981	492181	492835	0.58	cps
Strontium	88-1	4377654	4304865	4377030	4353183	0.96	cps
Sulfur	34-1	1957512	1934858	1951767	1948045	0.60	cps
Terbium	159-1	16171731	15517185	16597898	16095604	3.38	cps
Terbium	159-2	7722244	7947304	7791370	7820306	1.47	cps
Thallium	203-1	483	567	583	544	9.84	cps
Thallium	205-1	1483	1333	1217	1345	9.94	cps
Tin	118-1	1892	1909	1942	1914	1.33	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:43:10	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	25284	23921	24300	24501	2.87	cps
Uranium	238-1	2250	2200	2192	2214	1.43	cps
Vanadium	51-2	6268	6788	6585	6547	4.00	cps
Ytterbium	172-1	592	542	500	544	8.43	cps
Ytterbium	172-2	256	306	283	281	8.90	cps
Ytterbium	176-1	2400	2042	1892	2111	12.37	cps
Ytterbium	176-2	1595	1722	1567	1628	5.10	cps
Yttrium	89-1	30338642	30047958	31179955	30522185	1.93	cps
Yttrium	89-2	3533174	3650165	3557228	3580189	1.73	cps
Zinc	66-2	17868	18272	18332	18157	1.39	cps
Zirconium	90-1	5510	5518	6737	5921	11.92	cps
Zirconium	91-1	1000	1283	1158	1147	12.38	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:46:06	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21990	21308	21213	21504	1.97	cps
Antimony	121-1	1625	2059	1992	1892	12.34	cps
Arsenic	75-2	436	409	418	421	3.27	cps
Barium	135-1	126403	129272	129618	128431	1.37	cps
Barium	137-1	211817	219929	225391	219046	3.12	cps
Beryllium	9-1	150	130	112	131	14.55	cps
Bismuth	209-1	9467995	8889612	8764038	9040548	4.15	cps
Bismuth	209-2	5006515	5167163	5172209	5115296	1.84	cps
Boron	10-1	30988	32710	32548	32082	2.96	cps
Boron	11-1	150146	152566	161573	154761	3.89	cps
Bromine	81-1	77824	82103	88678	82868	6.60	cps
Cadmium	111-1	5208	4843	4567	4872	6.60	cps
Cadmium	106-1	7361	6802	6468	6877	6.56	cps
Cadmium	108-1	46	8	46	33	64.96	cps
Calcium	43-1	1053198	1074847	1072531	1066859	1.11	cps
Calcium	44-1	17927907	17695317	18305792	17976339	1.71	cps
Carbon	12-1	15062968	16812545	17515282	16463598	7.67	cps
Carbon	12-2	176755	175466	178896	177039	0.98	cps
Chlorine	35-1	2393782	2491678	2631209	2505556	4.76	cps
Chlorine	35-2	22376	22109	22176	22220	0.63	cps
Chromium	52-2	5368	4941	5244	5184	4.24	cps
Cobalt	59-2	2424	2367	2497	2429	2.68	cps
Copper	63-2	21967	22318	21653	21979	1.51	cps
Dysprosium	156-1	942	967	825	911	8.30	cps
Dysprosium	156-2	460	460	453	458	0.84	cps
Erbium	164-1	800	783	700	761	7.04	cps
Erbium	164-2	470	373	450	431	11.84	cps
Gadolinium	160-1	925	942	842	903	5.94	cps
Gadolinium	160-2	507	550	560	539	5.26	cps
Holmium	165-1	16799019	15609238	15547414	15985224	4.41	cps
Holmium	165-2	7627814	7683487	7679812	7663704	0.41	cps
Indium	115-1	15902909	15079387	14614078	15198791	4.29	cps
Indium	115-2	2519254	2549846	2628790	2565963	2.20	cps
Iron	54-2	159447	158657	161099	159735	0.78	cps
Iron	56-2	3121237	3048930	3050717	3073628	1.34	cps
Iron	57-2	74064	72668	72618	73117	1.12	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:46:06	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	983	860	969	10.57	cps
Lead	206-1	4929	4968	5168	5021	2.55	cps
Lead	207-1	3873	4101	4034	4003	2.93	cps
Lead	208-1	18628	18972	19150	18917	1.40	cps
Lithium	6-1	7697059	7339260	6910769	7315696	5.38	cps
Magnesium	24-2	2696728	2701636	2669931	2689432	0.63	cps
Manganese	55-2	304875	305942	303351	304722	0.43	cps
Molybdenum	94-1	5935	6343	12717	8332	45.64	cps
Molybdenum	95-1	8520	7936	8611	8356	4.38	cps
Molybdenum	96-1	8811	9087	9237	9045	2.38	cps
Molybdenum	97-1	4568	5435	5118	5040	8.70	cps
Molybdenum	98-1	12956	12556	12798	12770	1.58	cps
Neodymium	150-1	1040	1040	1207	1096	8.78	cps
Neodymium	150-2	337	423	350	370	12.61	cps
Nickel	60-2	2854	2537	2710	2700	5.87	cps
Phosphorus	31-2	2309	2075	2217	2200	5.34	cps
Potassium	39-2	819579	825358	809239	818059	1.00	cps
Rhodium	103-1	15988411	15311672	14706836	15335639	4.18	cps
Rhodium	103-2	6882961	7177918	7189820	7083566	2.45	cps
Scandium	45-1	13521939	12699014	12338588	12853180	4.72	cps
Scandium	45-2	396114	396863	397622	396866	0.19	cps
Selenium	82-1	54	144	230	143	61.69	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	87	107	94	96	10.57	cps
Silicon	28-1	54127812	45021551	43705012	47618125	11.92	cps
Silver	107-1	317	375	458	383	18.57	cps
Silver	109-1	242	283	342	289	17.39	cps
Sodium	23-2	17410283	17227610	17244906	17294266	0.58	cps
Strontium	86-1	564273	551268	572832	562791	1.93	cps
Strontium	88-1	4847624	4971378	4907956	4908986	1.26	cps
Sulfur	34-1	969706	990996	978375	979692	1.09	cps
Terbium	159-1	17339824	17015398	16107306	16820843	3.80	cps
Terbium	159-2	7826991	7843305	7805750	7825349	0.24	cps
Thallium	203-1	533	550	583	556	4.58	cps
Thallium	205-1	1142	1433	1092	1222	15.10	cps
Tin	118-1	2334	2417	2159	2303	5.73	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:46:06	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14659	14546	14958	14721	1.45	cps
Uranium	238-1	4393	4092	4443	4309	4.40	cps
Vanadium	51-2	4131	4017	4214	4121	2.40	cps
Ytterbium	172-1	333	417	425	392	12.94	cps
Ytterbium	172-2	156	172	167	165	5.15	cps
Ytterbium	176-1	2142	2009	1959	2036	4.66	cps
Ytterbium	176-2	1411	1617	1545	1524	6.84	cps
Yttrium	89-1	32584035	31867560	30371799	31607798	3.57	cps
Yttrium	89-2	3517343	3608515	3601957	3575939	1.42	cps
Zinc	66-2	16526	16677	16173	16459	1.57	cps
Zirconium	90-1	3759	4359	4168	4095	7.49	cps
Zirconium	91-1	575	792	950	772	24.38	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:49:02	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10917	11425	11430	11257	2.62	cps
Antimony	121-1	1242	1325	1167	1245	6.37	cps
Arsenic	75-2	250	246	255	250	1.80	cps
Barium	135-1	110810	110894	110382	110695	0.25	cps
Barium	137-1	188273	191562	189069	189634	0.91	cps
Beryllium	9-1	96	60	70	75	24.66	cps
Bismuth	209-1	8441806	8377016	8528291	8449037	0.90	cps
Bismuth	209-2	5257973	5185258	5191132	5211454	0.78	cps
Boron	10-1	20010	20246	20476	20244	1.15	cps
Boron	11-1	96616	100063	100010	98896	2.00	cps
Bromine	81-1	82466	93626	102869	92987	10.99	cps
Cadmium	111-1	4720	4668	4565	4651	1.70	cps
Cadmium	106-1	6652	6643	6518	6605	1.13	cps
Cadmium	108-1	33	71	63	56	35.45	cps
Calcium	43-1	967369	968621	967443	967811	0.07	cps
Calcium	44-1	16562833	16404747	16535742	16501107	0.51	cps
Carbon	12-1	15767852	16774298	17872149	16804766	6.26	cps
Carbon	12-2	181682	179936	185104	182240	1.44	cps
Chlorine	35-1	2333726	2485623	2540766	2453372	4.37	cps
Chlorine	35-2	21725	20765	22117	21536	3.23	cps
Chromium	52-2	3040	2890	2930	2954	2.63	cps
Cobalt	59-2	1123	1063	1153	1113	4.12	cps
Copper	63-2	10127	9767	9640	9845	2.57	cps
Dysprosium	156-1	542	450	367	453	19.33	cps
Dysprosium	156-2	260	250	207	239	11.87	cps
Erbium	164-1	583	575	600	586	2.17	cps
Erbium	164-2	243	243	220	236	5.72	cps
Gadolinium	160-1	625	567	708	633	11.24	cps
Gadolinium	160-2	403	317	263	328	21.56	cps
Holmium	165-1	15380881	15410580	15276441	15355967	0.46	cps
Holmium	165-2	7702402	7816335	7893380	7804039	1.23	cps
Indium	115-1	14448359	14267242	14428508	14381370	0.69	cps
Indium	115-2	2549742	2481558	2508917	2513405	1.37	cps
Iron	54-2	45941	46158	45311	45803	0.96	cps
Iron	56-2	824331	823821	845206	831119	1.47	cps
Iron	57-2	20749	20560	20331	20547	1.02	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:49:02	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	970	947	989	5.48	cps
Lead	206-1	2917	2895	2728	2847	3.63	cps
Lead	207-1	2328	2228	2411	2322	3.95	cps
Lead	208-1	10985	11124	11297	11135	1.40	cps
Lithium	6-1	6809123	6754498	7000897	6854839	1.89	cps
Magnesium	24-2	2402023	2383823	2412077	2399308	0.60	cps
Manganese	55-2	65295	63973	63973	64414	1.19	cps
Molybdenum	94-1	3109	2625	3067	2934	9.13	cps
Molybdenum	95-1	3250	3617	3534	3467	5.55	cps
Molybdenum	96-1	3892	3792	3817	3834	1.36	cps
Molybdenum	97-1	2242	1984	2000	2075	6.97	cps
Molybdenum	98-1	5935	5885	5284	5701	6.35	cps
Neodymium	150-1	447	680	673	600	22.14	cps
Neodymium	150-2	267	237	307	270	13.01	cps
Nickel	60-2	1353	1270	1280	1301	3.50	cps
Phosphorus	31-2	442	367	525	444	17.82	cps
Potassium	39-2	608144	614126	601888	608052	1.01	cps
Rhodium	103-1	14289177	15134268	14437365	14620270	3.09	cps
Rhodium	103-2	7005778	6954355	6989850	6983328	0.38	cps
Scandium	45-1	12247446	11996745	12339809	12194667	1.46	cps
Scandium	45-2	398849	389911	392042	393601	1.19	cps
Selenium	82-1	-41	107	115	60	145.07	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	92	109	93	98	9.73	cps
Silicon	28-1	40300976	39153873	39954055	39802968	1.48	cps
Silver	107-1	250	192	267	236	16.68	cps
Silver	109-1	142	117	242	167	39.69	cps
Sodium	23-2	13339863	13491748	13515998	13449203	0.71	cps
Strontium	86-1	508427	521263	512458	514049	1.28	cps
Strontium	88-1	4449047	4605753	4418593	4491131	2.24	cps
Sulfur	34-1	804936	811529	796904	804456	0.91	cps
Terbium	159-1	15931167	16212130	15700559	15947952	1.61	cps
Terbium	159-2	7819911	7565106	7816042	7733686	1.89	cps
Thallium	203-1	492	508	617	539	12.59	cps
Thallium	205-1	1083	1208	1183	1158	5.71	cps
Tin	118-1	1267	1233	1117	1206	6.53	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-06	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:49:02	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7686	7511	7553	7583	1.21	cps
Uranium	238-1	4709	4559	4559	4609	1.88	cps
Vanadium	51-2	2997	3284	3254	3178	4.96	cps
Ytterbium	172-1	292	258	333	294	12.76	cps
Ytterbium	172-2	239	144	172	185	26.21	cps
Ytterbium	176-1	2009	2050	1809	1956	6.61	cps
Ytterbium	176-2	1517	1528	1456	1500	2.59	cps
Yttrium	89-1	29847108	30117381	29385654	29783381	1.24	cps
Yttrium	89-2	3628208	3538800	3585494	3584167	1.25	cps
Zinc	66-2	14144	13747	13847	13912	1.48	cps
Zirconium	90-1	2725	6450	2675	3950	54.81	cps
Zirconium	91-1	508	2090	642	1080	81.21	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:52:01	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10047	10404	10034	10162	2.07	cps
Antimony	121-1	2217	2384	2100	2234	6.38	cps
Arsenic	75-2	2231	2272	2237	2247	0.99	cps
Barium	135-1	176102	171831	171444	173126	1.49	cps
Barium	137-1	300552	299280	303683	301172	0.75	cps
Beryllium	9-1	70	98	100	89	18.77	cps
Bismuth	209-1	8629962	8771719	8374553	8592078	2.34	cps
Bismuth	209-2	5136492	5248472	5173549	5186171	1.10	cps
Boron	10-1	34145	35512	35293	34983	2.10	cps
Boron	11-1	166934	175123	179867	173975	3.76	cps
Bromine	81-1	96760	110100	122983	109948	11.93	cps
Cadmium	111-1	4695	4662	4444	4601	2.96	cps
Cadmium	106-1	6677	6627	6352	6552	2.67	cps
Cadmium	108-1	58	50	50	53	9.11	cps
Calcium	43-1	1041962	1039589	1044707	1042086	0.25	cps
Calcium	44-1	17570822	17700211	17684882	17651972	0.40	cps
Carbon	12-1	16981665	18704326	19538415	18408135	7.08	cps
Carbon	12-2	194991	193972	194798	194587	0.28	cps
Chlorine	35-1	2081022	2080971	2158920	2106971	2.14	cps
Chlorine	35-2	17402	17211	17511	17375	0.88	cps
Chromium	52-2	3874	3827	3677	3793	2.71	cps
Cobalt	59-2	5008	5111	5254	5124	2.42	cps
Copper	63-2	8186	8199	8483	8289	2.02	cps
Dysprosium	156-1	1410	817	800	1009	34.42	cps
Dysprosium	156-2	427	347	397	390	10.36	cps
Erbium	164-1	867	825	842	844	2.48	cps
Erbium	164-2	410	373	427	403	6.77	cps
Gadolinium	160-1	950	850	967	922	6.84	cps
Gadolinium	160-2	543	513	573	543	5.52	cps
Holmium	165-1	15566588	15379759	15175077	15373808	1.27	cps
Holmium	165-2	7612390	7734339	7810479	7719070	1.29	cps
Indium	115-1	14463021	14337967	14390089	14397026	0.44	cps
Indium	115-2	2516530	2511418	2533907	2520619	0.47	cps
Iron	54-2	1059407	1059612	1064208	1061076	0.26	cps
Iron	56-2	19765175	20056605	20049155	19956978	0.83	cps
Iron	57-2	478020	478861	485664	480849	0.87	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:52:01	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1100	1030	953	1028	7.14	cps
Lead	206-1	7091	6946	6891	6976	1.48	cps
Lead	207-1	5640	5568	6057	5755	4.59	cps
Lead	208-1	26639	26528	26850	26672	0.61	cps
Lithium	6-1	6825283	6764336	6891698	6827106	0.93	cps
Magnesium	24-2	2237977	2250566	2281580	2256708	0.99	cps
Manganese	55-2	2119009	2160133	2227625	2168922	2.53	cps
Molybdenum	94-1	4759	5068	4918	4915	3.14	cps
Molybdenum	95-1	7327	7077	7135	7180	1.82	cps
Molybdenum	96-1	8111	8269	8186	8189	0.97	cps
Molybdenum	97-1	4409	4301	3926	4212	6.02	cps
Molybdenum	98-1	10880	10563	10880	10774	1.70	cps
Neodymium	150-1	1220	1333	1360	1305	5.70	cps
Neodymium	150-2	423	450	460	444	4.26	cps
Nickel	60-2	6228	6295	6582	6368	2.95	cps
Phosphorus	31-2	1150	1150	1192	1164	2.07	cps
Potassium	39-2	1124149	1129900	1133084	1129044	0.40	cps
Rhodium	103-1	14433275	14229563	14840116	14500985	2.14	cps
Rhodium	103-2	7114908	7075631	7008333	7066291	0.76	cps
Scandium	45-1	12032687	12244275	12206437	12161133	0.93	cps
Scandium	45-2	393800	393195	399257	395418	0.84	cps
Selenium	82-1	3	55	128	62	101.53	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	120	89	101	103	15.13	cps
Silicon	28-1	44936943	44956304	44369907	44754385	0.74	cps
Silver	107-1	308	242	300	283	12.82	cps
Silver	109-1	267	200	183	217	20.35	cps
Sodium	23-2	12442163	12553928	12707323	12567804	1.06	cps
Strontium	86-1	437498	451619	458413	449177	2.38	cps
Strontium	88-1	3866631	3985454	4023041	3958375	2.06	cps
Sulfur	34-1	1488055	1477288	1442554	1469299	1.62	cps
Terbium	159-1	15623187	16129664	16123553	15958801	1.82	cps
Terbium	159-2	7743577	7649341	7760767	7717895	0.78	cps
Thallium	203-1	417	383	533	444	17.72	cps
Thallium	205-1	1033	1142	1108	1095	5.07	cps
Tin	118-1	1408	1117	1250	1258	11.60	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-02	Instrumnet Name :	P8
Client Sample ID :	P287-DITCH	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:52:01	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10210	5951	7181	7781	28.17	cps
Uranium	238-1	1475	1633	1425	1511	7.20	cps
Vanadium	51-2	3447	3520	3797	3588	5.15	cps
Ytterbium	172-1	292	383	283	319	17.37	cps
Ytterbium	172-2	206	150	178	178	15.63	cps
Ytterbium	176-1	1750	1950	1892	1864	5.52	cps
Ytterbium	176-2	1422	1545	1572	1513	5.28	cps
Yttrium	89-1	29820512	29216265	30064951	29700576	1.47	cps
Yttrium	89-2	3589622	3485665	3568082	3547790	1.55	cps
Zinc	66-2	15208	15182	14598	14996	2.30	cps
Zirconium	90-1	2875	3109	3885	3290	16.06	cps
Zirconium	91-1	667	675	725	689	4.58	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:54:56	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	47205	46005	45512	46241	1.88	cps
Antimony	121-1	2817	2742	2675	2745	2.58	cps
Arsenic	75-2	395	406	397	399	1.47	cps
Barium	135-1	107513	107578	106988	107360	0.30	cps
Barium	137-1	183469	183206	184093	183589	0.25	cps
Beryllium	9-1	148	138	170	152	10.77	cps
Bismuth	209-1	8754832	8279742	8568826	8534467	2.81	cps
Bismuth	209-2	5194463	4701797	5003341	4966534	5.00	cps
Boron	10-1	23618	24836	25273	24576	3.49	cps
Boron	11-1	120157	122378	124258	122264	1.68	cps
Bromine	81-1	81519	85416	90421	85785	5.20	cps
Cadmium	111-1	4688	4590	4385	4554	3.39	cps
Cadmium	106-1	6593	6510	6160	6421	3.58	cps
Cadmium	108-1	46	54	50	50	8.34	cps
Calcium	43-1	809312	810402	803002	807572	0.49	cps
Calcium	44-1	13718626	13536679	13669959	13641755	0.69	cps
Carbon	12-1	16294603	16855543	17535902	16895350	3.68	cps
Carbon	12-2	180119	182727	183005	181950	0.87	cps
Chlorine	35-1	2033819	2185972	2209343	2143045	4.45	cps
Chlorine	35-2	18337	19230	18879	18815	2.39	cps
Chromium	52-2	5821	5451	5478	5583	3.70	cps
Cobalt	59-2	2787	2807	2610	2735	3.96	cps
Copper	63-2	24024	24575	23820	24140	1.62	cps
Dysprosium	156-1	1392	1467	1583	1481	6.52	cps
Dysprosium	156-2	667	797	777	747	9.38	cps
Erbium	164-1	1667	1784	1417	1622	11.55	cps
Erbium	164-2	790	717	833	780	7.56	cps
Gadolinium	160-1	1959	1950	1608	1839	10.86	cps
Gadolinium	160-2	860	913	943	906	4.66	cps
Holmium	165-1	15485627	15605495	15085724	15392282	1.77	cps
Holmium	165-2	8007442	7085026	7603524	7565331	6.11	cps
Indium	115-1	14503640	14680854	14574538	14586344	0.61	cps
Indium	115-2	2614403	2233746	2468995	2439048	7.88	cps
Iron	54-2	140367	132404	129190	133987	4.29	cps
Iron	56-2	2526900	2462463	2432788	2474050	1.94	cps
Iron	57-2	60769	59787	59630	60062	1.03	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:54:56	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1017	1053	1044	2.35	cps
Lead	206-1	6802	6541	6430	6591	2.90	cps
Lead	207-1	5590	5468	5512	5524	1.12	cps
Lead	208-1	25972	25572	25410	25651	1.13	cps
Lithium	6-1	6723356	6960574	6913930	6865954	1.83	cps
Magnesium	24-2	1975341	1939645	1961848	1958944	0.92	cps
Manganese	55-2	167070	168509	168965	168181	0.59	cps
Molybdenum	94-1	12160	5476	5368	7668	50.73	cps
Molybdenum	95-1	6368	6510	6502	6460	1.23	cps
Molybdenum	96-1	7577	7244	7294	7372	2.44	cps
Molybdenum	97-1	3792	4051	3934	3926	3.30	cps
Molybdenum	98-1	10162	9770	10187	10040	2.33	cps
Neodymium	150-1	2007	2147	1894	2016	6.30	cps
Neodymium	150-2	750	660	777	729	8.39	cps
Nickel	60-2	2800	2607	2700	2703	3.58	cps
Phosphorus	31-2	1525	1683	1458	1556	7.43	cps
Potassium	39-2	764133	768276	746815	759741	1.50	cps
Rhodium	103-1	14807613	14487189	14443390	14579398	1.36	cps
Rhodium	103-2	7152609	6318845	6785225	6752226	6.19	cps
Scandium	45-1	12513082	12033136	12400074	12315431	2.04	cps
Scandium	45-2	400599	355665	375035	377100	5.98	cps
Selenium	82-1	59	68	76	68	12.30	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	107	122	92	107	14.02	cps
Silicon	28-1	44939989	44131201	44015850	44362346	1.14	cps
Silver	107-1	350	400	375	375	6.67	cps
Silver	109-1	225	283	317	275	16.87	cps
Sodium	23-2	13193315	13008727	13286869	13162970	1.08	cps
Strontium	86-1	416304	413350	409138	412931	0.87	cps
Strontium	88-1	3610494	3668296	3615786	3631525	0.88	cps
Sulfur	34-1	851262	856849	847164	851758	0.57	cps
Terbium	159-1	16378713	15961303	15941140	16093719	1.53	cps
Terbium	159-2	7954713	6883814	7437311	7425279	7.21	cps
Thallium	203-1	533	342	533	469	23.57	cps
Thallium	205-1	1083	975	1158	1072	8.60	cps
Tin	118-1	1775	2117	1867	1920	9.21	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3954-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:54:56	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	28507	29926	28447	28960	2.89	cps
Uranium	238-1	3000	2934	2867	2934	2.27	cps
Vanadium	51-2	5895	5935	5815	5881	1.04	cps
Ytterbium	172-1	483	533	725	581	21.97	cps
Ytterbium	172-2	333	350	300	328	7.77	cps
Ytterbium	176-1	2267	1942	2250	2153	8.50	cps
Ytterbium	176-2	1472	1595	1639	1569	5.50	cps
Yttrium	89-1	29831730	30512670	30068648	30137683	1.15	cps
Yttrium	89-2	3675584	3214796	3446330	3445570	6.69	cps
Zinc	66-2	15952	15742	15739	15811	0.77	cps
Zirconium	90-1	5527	6416	7824	6589	17.58	cps
Zirconium	91-1	1208	1350	1167	1242	7.75	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-02	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:57:55	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5363	5429	5598	5463	2.22	cps
Antimony	121-1	13674	13557	13566	13599	0.48	cps
Arsenic	75-2	1864	1832	1852	1850	0.87	cps
Barium	135-1	388452	386930	384167	386516	0.56	cps
Barium	137-1	665889	665868	667076	666278	0.10	cps
Beryllium	9-1	52	70	42	55	25.96	cps
Bismuth	209-1	8214424	8119124	8130538	8154696	0.64	cps
Bismuth	209-2	4994590	5026167	4424773	4815177	7.03	cps
Boron	10-1	207506	223256	223268	218010	4.17	cps
Boron	11-1	981493	982649	1109900	1024681	7.20	cps
Bromine	81-1	114026	126848	136799	125891	9.07	cps
Cadmium	111-1	5122	5338	4991	5150	3.40	cps
Cadmium	106-1	6643	6802	6352	6599	3.46	cps
Cadmium	108-1	100	88	79	89	11.79	cps
Calcium	43-1	8618368	8589136	8787070	8664858	1.23	cps
Calcium	44-1	143546902	140160475	142476111	142061163	1.22	cps
Carbon	12-1	16440475	17262444	18785474	17496131	6.80	cps
Carbon	12-2	182012	189225	185239	185492	1.95	cps
Chlorine	35-1	6686867	7793514	8943542	7807974	14.45	cps
Chlorine	35-2	82427	84630	88797	85285	3.79	cps
Chromium	52-2	4104	4014	4317	4145	3.76	cps
Cobalt	59-2	6428	6482	6552	6487	0.95	cps
Copper	63-2	27637	26588	26699	26975	2.14	cps
Dysprosium	156-1	100	183	133	139	30.20	cps
Dysprosium	156-2	60	73	70	68	10.24	cps
Erbium	164-1	250	242	267	253	5.04	cps
Erbium	164-2	107	90	153	117	28.14	cps
Gadolinium	160-1	242	342	217	267	24.80	cps
Gadolinium	160-2	143	170	113	142	19.93	cps
Holmium	165-1	15137509	15099126	14893034	15043223	0.87	cps
Holmium	165-2	7723220	7689971	6728893	7380694	7.65	cps
Indium	115-1	14205290	13990760	14180615	14125555	0.83	cps
Indium	115-2	2486900	2429925	2280309	2399045	4.45	cps
Iron	54-2	41054	39388	39951	40131	2.11	cps
Iron	56-2	722459	715461	722404	720108	0.56	cps
Iron	57-2	18607	20522	19809	19646	4.93	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-02	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:57:55	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1193	1017	1040	1083	8.86	cps
Lead	206-1	5735	5918	5512	5722	3.55	cps
Lead	207-1	4801	4884	4884	4857	0.99	cps
Lead	208-1	21585	22413	22614	22204	2.46	cps
Lithium	6-1	6659383	6602974	6612832	6625063	0.45	cps
Magnesium	24-2	7568024	7654766	7575505	7599432	0.63	cps
Manganese	55-2	1734957	1719053	1799631	1751214	2.44	cps
Molybdenum	94-1	10621	10488	10913	10674	2.04	cps
Molybdenum	95-1	17637	17186	16485	17103	3.39	cps
Molybdenum	96-1	18212	17603	18045	17954	1.75	cps
Molybdenum	97-1	10254	10304	9787	10115	2.82	cps
Molybdenum	98-1	26584	27478	26159	26740	2.52	cps
Neodymium	150-1	180	227	213	207	11.63	cps
Neodymium	150-2	73	40	47	53	33.07	cps
Nickel	60-2	5484	5438	5695	5539	2.47	cps
Phosphorus	31-2	525	442	442	469	10.25	cps
Potassium	39-2	2068669	2060127	2027011	2051936	1.07	cps
Rhodium	103-1	14249418	14641522	14009352	14300098	2.23	cps
Rhodium	103-2	6825254	6723160	6200264	6582892	5.09	cps
Scandium	45-1	12398615	12126692	12125317	12216875	1.29	cps
Scandium	45-2	395536	394993	361444	383991	5.09	cps
Selenium	82-1	96	314	256	222	50.86	cps
Selenium	77-2	3	20	7	10	88.20	cps
Selenium	78-2	108	89	126	108	17.18	cps
Silicon	28-1	94938300	94525748	97336104	95600051	1.59	cps
Silver	107-1	400	283	383	356	17.75	cps
Silver	109-1	283	275	167	242	26.93	cps
Sodium	23-2	86031779	86855319	85300396	86062498	0.90	cps
Strontium	86-1	5331214	5508285	5354211	5397903	1.78	cps
Strontium	88-1	46428295	46664119	46096658	46396357	0.61	cps
Sulfur	34-1	6364665	6405796	6297428	6355963	0.86	cps
Terbium	159-1	16075466	16167306	16133924	16125565	0.29	cps
Terbium	159-2	7724051	7595946	6991116	7437037	5.26	cps
Thallium	203-1	525	558	642	575	10.45	cps
Thallium	205-1	1492	1367	1158	1339	12.58	cps
Tin	118-1	1392	1567	1650	1536	8.58	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3962-02	Instrumnet Name :	P8
Client Sample ID :	UNDERPASS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 15:57:55	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5285	5905	4709	5300	11.28	cps
Uranium	238-1	116905	118468	114388	116587	1.77	cps
Vanadium	51-2	10694	10631	10838	10721	0.99	cps
Ytterbium	172-1	167	133	75	125	37.12	cps
Ytterbium	172-2	89	83	89	87	3.68	cps
Ytterbium	176-1	1825	1942	1700	1822	6.63	cps
Ytterbium	176-2	1261	1439	1350	1350	6.58	cps
Yttrium	89-1	29933423	29970047	29232004	29711825	1.40	cps
Yttrium	89-2	3657456	3611362	3207238	3492019	7.09	cps
Zinc	66-2	87984	88135	88316	88145	0.19	cps
Zirconium	90-1	3643	3701	3759	3701	1.58	cps
Zirconium	91-1	1042	800	1501	1115	31.96	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : CCV36 Instrumnet Name : P8
 Client Sample ID : CCV36 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 16:19:09 DataFile Name : 048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5407627	5439420	5562652	5469900	1.50	cps
Antimony	121-1	5254896	5498073	5358380	5370450	2.27	cps
Arsenic	75-2	195964	196124	196393	196160	0.11	cps
Barium	135-1	6930610	7085147	6979921	6998559	1.13	cps
Barium	137-1	11878563	12162238	12006773	12015858	1.18	cps
Beryllium	9-1	1796257	1807198	1767355	1790270	1.15	cps
Bismuth	209-1	8161517	8280661	8056543	8166240	1.37	cps
Bismuth	209-2	4786437	4810505	4815847	4804263	0.33	cps
Boron	10-1	198199	202240	202999	201146	1.28	cps
Boron	11-1	881930	897872	984560	921454	5.99	cps
Bromine	81-1	26161	27215	26472	26616	2.03	cps
Cadmium	111-1	1546756	1584934	1608359	1580016	1.97	cps
Cadmium	106-1	170091	176809	172304	173068	1.98	cps
Cadmium	108-1	114963	115835	117987	116262	1.34	cps
Calcium	43-1	12369000	12022614	12290019	12227211	1.48	cps
Calcium	44-1	198554731	199120545	202097223	199924166	0.95	cps
Carbon	12-1	10558009	10765563	11443303	10922292	4.24	cps
Carbon	12-2	120058	120106	121105	120423	0.49	cps
Chlorine	35-1	857594	864333	859374	860433	0.41	cps
Chlorine	35-2	6677	6552	6685	6638	1.13	cps
Chromium	52-2	2189583	2199700	2247145	2212143	1.39	cps
Cobalt	59-2	3885169	3953422	3952200	3930264	0.99	cps
Copper	63-2	28926834	29399241	29131292	29152456	0.81	cps
Dysprosium	156-1	942	1008	992	981	3.54	cps
Dysprosium	156-2	507	507	590	534	9.00	cps
Erbium	164-1	250	192	358	267	31.72	cps
Erbium	164-2	103	137	160	133	21.36	cps
Gadolinium	160-1	1192	1133	1025	1117	7.57	cps
Gadolinium	160-2	710	660	657	676	4.42	cps
Holmium	165-1	15362973	15440190	15611120	15471428	0.82	cps
Holmium	165-2	7595969	7687477	7832756	7705401	1.55	cps
Indium	115-1	13699176	13585068	13936157	13740134	1.30	cps
Indium	115-2	2422249	2431722	2462584	2438852	0.86	cps
Iron	54-2	23467215	23783926	23223227	23491456	1.20	cps
Iron	56-2	431396454	435187599	425644987	430743013	1.12	cps
Iron	57-2	10673679	10916968	10916903	10835850	1.30	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:19:09	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1027	1160	987	1058	8.58	cps
Lead	206-1	18213012	18329498	18121622	18221377	0.57	cps
Lead	207-1	15759355	15630326	15593996	15661226	0.55	cps
Lead	208-1	72909996	71862650	72584498	72452381	0.74	cps
Lithium	6-1	6748405	6943068	6715052	6802175	1.81	cps
Magnesium	24-2	76859725	77729660	79146541	77911975	1.48	cps
Manganese	55-2	11068800	11115691	10937386	11040626	0.84	cps
Molybdenum	94-1	14114046	13828925	14187931	14043634	1.35	cps
Molybdenum	95-1	17170972	17191916	17476494	17279794	0.99	cps
Molybdenum	96-1	18975222	19127391	19354178	19152264	1.00	cps
Molybdenum	97-1	10518224	10383375	10537735	10479778	0.80	cps
Molybdenum	98-1	27293679	27569292	27744354	27535775	0.83	cps
Neodymium	150-1	320	447	373	380	16.74	cps
Neodymium	150-2	40	40	43	41	4.68	cps
Nickel	60-2	1107190	1092758	1100253	1100067	0.66	cps
Phosphorus	31-2	59640	59055	59624	59439	0.56	cps
Potassium	39-2	30547662	30465897	30539688	30517749	0.15	cps
Rhodium	103-1	13898665	13866059	13682989	13815904	0.84	cps
Rhodium	103-2	6648633	6607974	6858492	6705033	2.01	cps
Scandium	45-1	12040982	12039719	11962191	12014297	0.38	cps
Scandium	45-2	393313	394909	405143	397789	1.61	cps
Selenium	82-1	117178	119611	118819	118536	1.05	cps
Selenium	77-2	3917	3937	4077	3977	2.19	cps
Selenium	78-2	13827	13613	13837	13759	0.92	cps
Silicon	28-1	6049892	6476455	6793830	6440059	5.80	cps
Silver	107-1	7522483	7731745	7844197	7699475	2.12	cps
Silver	109-1	7387868	7229986	7206207	7274687	1.36	cps
Sodium	23-2	146108057	147760887	147627128	147165357	0.62	cps
Strontium	86-1	21881340	22837369	22997969	22572226	2.67	cps
Strontium	88-1	190853621	194107759	194451442	193137607	1.03	cps
Sulfur	34-1	1140706	1141184	1145939	1142610	0.25	cps
Terbium	159-1	16004495	16368232	16292874	16221867	1.18	cps
Terbium	159-2	7809399	7718084	7884383	7803955	1.07	cps
Thallium	203-1	4663259	4566548	4489299	4573036	1.91	cps
Thallium	205-1	10712979	10578712	10577926	10623206	0.73	cps
Tin	118-1	4792722	4853091	4842325	4829379	0.67	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:19:09	DataFile Name :	048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5697444	5884547	5725326	5769106	1.75	cps
Uranium	238-1	13493175	13397676	13912233	13601028	2.01	cps
Vanadium	51-2	1751711	1726056	1785367	1754378	1.70	cps
Ytterbium	172-1	58	58	83	67	21.65	cps
Ytterbium	172-2	33	22	56	37	45.84	cps
Ytterbium	176-1	21384	21209	20984	21193	0.95	cps
Ytterbium	176-2	11489	11422	11783	11565	1.66	cps
Yttrium	89-1	29930559	30467981	29796813	30065118	1.18	cps
Yttrium	89-2	3549454	3555946	3638329	3581243	1.38	cps
Zinc	66-2	3231032	3289333	3220459	3246941	1.14	cps
Zirconium	90-1	12252057	12086682	12044554	12127764	0.90	cps
Zirconium	91-1	2707845	2698918	2763014	2723259	1.27	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : CCB36 Instrumnet Name : P8
 Client Sample ID : CCB36 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 16:27:43 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	261	244	215	240	9.73	cps
Antimony	121-1	600	633	1050	761	32.94	cps
Arsenic	75-2	11	20	17	16	28.64	cps
Barium	135-1	233	175	108	172	36.32	cps
Barium	137-1	183	233	158	192	19.92	cps
Beryllium	9-1	82	72	90	81	11.08	cps
Bismuth	209-1	8399023	8769393	7596717	8255044	7.26	cps
Bismuth	209-2	5214707	5161565	5174081	5183451	0.54	cps
Boron	10-1	7046	6634	6226	6636	6.18	cps
Boron	11-1	32722	31141	30131	31331	4.17	cps
Bromine	81-1	23354	24747	26051	24717	5.46	cps
Cadmium	111-1	4998	4622	4368	4663	6.80	cps
Cadmium	106-1	7060	6535	6268	6621	6.09	cps
Cadmium	108-1	75	46	88	69	30.79	cps
Calcium	43-1	719	636	674	676	6.11	cps
Calcium	44-1	56281	56356	55551	56063	0.79	cps
Carbon	12-1	7657919	7905347	7851686	7804984	1.67	cps
Carbon	12-2	75452	76968	74815	75745	1.46	cps
Chlorine	35-1	699690	691585	688277	693184	0.85	cps
Chlorine	35-2	5126	5218	4968	5104	2.48	cps
Chromium	52-2	1520	1327	1340	1396	7.74	cps
Cobalt	59-2	127	150	127	134	10.02	cps
Copper	63-2	1443	1577	1500	1507	4.44	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	108	83	86	24.35	cps
Erbium	164-2	27	37	30	31	16.37	cps
Gadolinium	160-1	67	92	100	86	20.14	cps
Gadolinium	160-2	30	57	63	50	35.28	cps
Holmium	165-1	15183976	15016610	13466919	14555835	6.50	cps
Holmium	165-2	7627444	7705210	7594177	7642277	0.75	cps
Indium	115-1	14325442	14201339	12832928	13786570	6.01	cps
Indium	115-2	2492807	2517605	2485153	2498522	0.68	cps
Iron	54-2	983	1106	1272	1120	12.94	cps
Iron	56-2	11127	10749	11255	11043	2.38	cps
Iron	57-2	244	272	233	250	8.01	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:27:43	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1087	1100	1020	1069	4.01	cps
Lead	206-1	1672	1572	1617	1621	3.09	cps
Lead	207-1	1495	1561	1256	1437	11.18	cps
Lead	208-1	6445	6640	6217	6434	3.28	cps
Lithium	6-1	7116261	6953564	6320228	6796684	6.19	cps
Magnesium	24-2	1600	1417	1800	1606	11.94	cps
Manganese	55-2	390	343	293	342	14.13	cps
Molybdenum	94-1	750	817	708	758	7.21	cps
Molybdenum	95-1	483	458	433	458	5.45	cps
Molybdenum	96-1	550	558	583	564	3.08	cps
Molybdenum	97-1	392	258	300	317	21.54	cps
Molybdenum	98-1	783	725	750	753	3.89	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	63	80	87	77	15.68	cps
Phosphorus	31-2	92	100	133	108	20.35	cps
Potassium	39-2	28170	27627	27702	27833	1.06	cps
Rhodium	103-1	15036639	14944334	12907390	14296121	8.42	cps
Rhodium	103-2	7142124	7110725	7061052	7104634	0.58	cps
Scandium	45-1	12247026	12507454	10827976	11860819	7.62	cps
Scandium	45-2	388924	392058	390842	390608	0.40	cps
Selenium	82-1	-43	-68	25	-28	-169.60	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	93	95	77	88	11.17	cps
Silicon	28-1	505104	506747	516196	509349	1.18	cps
Silver	107-1	525	592	467	528	11.85	cps
Silver	109-1	292	342	342	325	8.88	cps
Sodium	23-2	41351	40565	40891	40936	0.96	cps
Strontium	86-1	1884	1967	2134	1995	6.38	cps
Strontium	88-1	3100	3034	3150	3095	1.89	cps
Sulfur	34-1	464155	467874	469342	467124	0.57	cps
Terbium	159-1	15804947	16340453	14320206	15488535	6.76	cps
Terbium	159-2	7658922	7686861	7530744	7625509	1.09	cps
Thallium	203-1	767	1117	1117	1000	20.21	cps
Thallium	205-1	2375	2384	2300	2353	1.95	cps
Tin	118-1	1183	1017	1192	1131	8.73	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:27:43	DataFile Name :	049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	275	242	247	10.30	cps
Uranium	238-1	250	208	125	194	32.73	cps
Vanadium	51-2	50	47	40	46	11.18	cps
Ytterbium	172-1	8	42	58	36	70.51	cps
Ytterbium	172-2	33	11	17	20	56.76	cps
Ytterbium	176-1	1533	1592	1708	1611	5.53	cps
Ytterbium	176-2	1550	1800	1595	1648	8.09	cps
Yttrium	89-1	30121922	29244965	26260605	28542497	7.09	cps
Yttrium	89-2	3550270	3551518	3571993	3557927	0.34	cps
Zinc	66-2	983	1243	1037	1088	12.63	cps
Zirconium	90-1	1892	1658	1300	1617	18.44	cps
Zirconium	91-1	358	292	250	300	18.22	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : PB139428BL Instrumnet Name : P8
 Client Sample ID : PB139428BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 16:30:45 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	260	229	230	240	7.39	cps
Antimony	121-1	325	350	558	411	31.16	cps
Arsenic	75-2	10	8	12	10	20.00	cps
Barium	135-1	117	167	108	131	24.16	cps
Barium	137-1	100	233	233	189	40.76	cps
Beryllium	9-1	48	68	62	59	17.30	cps
Bismuth	209-1	8181765	8823453	8667018	8557412	3.91	cps
Bismuth	209-2	4715003	5040675	5088317	4947999	4.11	cps
Boron	10-1	5056	5096	4982	5045	1.15	cps
Boron	11-1	24193	24574	23094	23953	3.21	cps
Bromine	81-1	25399	25901	24336	25212	3.17	cps
Cadmium	111-1	4550	5057	5020	4876	5.80	cps
Cadmium	106-1	6527	7169	7194	6963	5.43	cps
Cadmium	108-1	104	33	100	79	50.21	cps
Calcium	43-1	559	577	589	575	2.64	cps
Calcium	44-1	54309	54807	54547	54554	0.46	cps
Carbon	12-1	7695247	7563399	7741946	7666864	1.21	cps
Carbon	12-2	72161	71625	70159	71315	1.45	cps
Chlorine	35-1	601337	600870	602799	601669	0.17	cps
Chlorine	35-2	4517	4709	4826	4684	3.32	cps
Chromium	52-2	1430	1473	1430	1445	1.73	cps
Cobalt	59-2	117	80	80	92	22.96	cps
Copper	63-2	1403	1247	1250	1300	6.89	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	58	142	108	103	40.81	cps
Erbium	164-2	40	33	50	41	20.41	cps
Gadolinium	160-1	92	133	108	111	18.88	cps
Gadolinium	160-2	30	43	57	43	30.77	cps
Holmium	165-1	14878220	15122695	15334503	15111806	1.51	cps
Holmium	165-2	7105566	7321074	7463731	7296790	2.47	cps
Indium	115-1	14084649	14498456	14419357	14334154	1.53	cps
Indium	115-2	2224223	2485185	2492814	2400741	6.37	cps
Iron	54-2	1128	1006	1100	1078	5.94	cps
Iron	56-2	10849	10654	11099	10867	2.05	cps
Iron	57-2	228	250	244	241	4.81	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	PB139428BL	Instrumnet Name :	P8
Client Sample ID :	PB139428BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:30:45	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1007	1013	1028	3.01	cps
Lead	206-1	1467	1478	1445	1463	1.16	cps
Lead	207-1	1172	1383	1306	1287	8.30	cps
Lead	208-1	5801	6123	5823	5915	3.04	cps
Lithium	6-1	6777804	6956088	7033801	6922565	1.90	cps
Magnesium	24-2	1600	1500	1642	1581	4.61	cps
Manganese	55-2	303	323	280	302	7.18	cps
Molybdenum	94-1	642	617	625	628	2.03	cps
Molybdenum	95-1	375	450	392	406	9.71	cps
Molybdenum	96-1	508	600	500	536	10.35	cps
Molybdenum	97-1	242	233	183	219	14.38	cps
Molybdenum	98-1	783	508	608	633	21.98	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	103	97	90	97	6.89	cps
Phosphorus	31-2	108	67	183	119	49.50	cps
Potassium	39-2	27243	27560	27335	27379	0.60	cps
Rhodium	103-1	14930436	14808589	15072941	14937322	0.89	cps
Rhodium	103-2	6395105	6933561	7068123	6798930	5.24	cps
Scandium	45-1	11794911	11881899	12401744	12026185	2.73	cps
Scandium	45-2	358124	382932	390621	377226	4.50	cps
Selenium	82-1	-32	75	32	25	215.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	88	105	87	93	10.84	cps
Silicon	28-1	513989	496292	504811	505031	1.75	cps
Silver	107-1	283	325	275	294	9.10	cps
Silver	109-1	208	217	267	231	13.68	cps
Sodium	23-2	39186	38518	39329	39011	1.11	cps
Strontium	86-1	2042	1875	1967	1961	4.26	cps
Strontium	88-1	3100	3267	3217	3195	2.68	cps
Sulfur	34-1	469713	462348	462821	464961	0.89	cps
Terbium	159-1	15467774	15634139	16484443	15862119	3.44	cps
Terbium	159-2	6912738	7644232	7549960	7368976	5.40	cps
Thallium	203-1	758	867	808	811	6.68	cps
Thallium	205-1	2034	1909	2034	1992	3.62	cps
Tin	118-1	1158	1083	1050	1097	5.06	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	PB139428BL	Instrumnet Name :	P8
Client Sample ID :	PB139428BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:30:45	DataFile Name :	050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	358	233	267	286	22.62	cps
Uranium	238-1	183	125	183	164	20.55	cps
Vanadium	51-2	43	20	30	31	37.62	cps
Ytterbium	172-1	33	25	83	47	66.82	cps
Ytterbium	172-2	6	17	28	17	66.65	cps
Ytterbium	176-1	1408	1675	1975	1686	16.81	cps
Ytterbium	176-2	1195	1422	1589	1402	14.13	cps
Yttrium	89-1	29662655	30451535	30821248	30311812	1.95	cps
Yttrium	89-2	3213497	3403898	3518209	3378535	4.56	cps
Zinc	66-2	750	723	827	767	7.00	cps
Zirconium	90-1	1592	1542	1742	1625	6.41	cps
Zirconium	91-1	367	158	242	256	41.03	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : PB139428BS Instrumnet Name : P8
 Client Sample ID : PB139428BS Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 16:33:48 DataFile Name : 051LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1117830	1103459	1105654	1108981	0.70	cps
Antimony	121-1	5437817	5499193	5532813	5489941	0.88	cps
Arsenic	75-2	198487	198418	198822	198576	0.11	cps
Barium	135-1	7063219	7134369	6935465	7044351	1.43	cps
Barium	137-1	12304163	12215856	12041393	12187137	1.10	cps
Beryllium	9-1	1854362	1848097	1926170	1876209	2.31	cps
Bismuth	209-1	8313104	8253826	8327020	8297983	0.47	cps
Bismuth	209-2	5044893	5032022	5174141	5083685	1.55	cps
Boron	10-1	180944	187195	197428	188522	4.41	cps
Boron	11-1	874662	868196	915598	886152	2.90	cps
Bromine	81-1	25199	23815	24867	24627	2.93	cps
Cadmium	111-1	1665534	1589122	1537448	1597368	4.03	cps
Cadmium	106-1	173915	171394	171173	172160	0.88	cps
Cadmium	108-1	113614	114920	114214	114249	0.57	cps
Calcium	43-1	2718109	2671950	2695763	2695274	0.86	cps
Calcium	44-1	41756242	42357917	42417370	42177176	0.87	cps
Carbon	12-1	9853483	10164985	10323970	10114146	2.37	cps
Carbon	12-2	103371	100217	104773	102787	2.27	cps
Chlorine	35-1	666591	662907	663224	664241	0.31	cps
Chlorine	35-2	5243	5226	5184	5218	0.58	cps
Chromium	52-2	2297513	2274637	2274870	2282340	0.58	cps
Cobalt	59-2	4008743	3968719	3952299	3976587	0.73	cps
Copper	63-2	30714763	30312851	30093050	30373555	1.04	cps
Dysprosium	156-1	300	292	392	328	16.93	cps
Dysprosium	156-2	117	150	143	137	12.91	cps
Erbium	164-1	158	183	150	164	10.59	cps
Erbium	164-2	60	63	90	71	23.12	cps
Gadolinium	160-1	417	258	425	367	25.61	cps
Gadolinium	160-2	190	190	183	188	2.05	cps
Holmium	165-1	15182783	15102979	15741895	15342552	2.27	cps
Holmium	165-2	7652695	7641114	7796589	7696799	1.13	cps
Indium	115-1	14378692	14374575	14292143	14348470	0.34	cps
Indium	115-2	2397506	2394941	2487058	2426502	2.16	cps
Iron	54-2	5117956	5018660	5017956	5051524	1.14	cps
Iron	56-2	92328722	90053810	89743146	90708559	1.56	cps
Iron	57-2	2360330	2346676	2345245	2350750	0.35	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	PB139428BS	Instrumnet Name :	P8
Client Sample ID :	PB139428BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:33:48	DataFile Name :	051LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	1027	1043	1003	5.53	cps
Lead	206-1	19028893	19056059	18746462	18943805	0.91	cps
Lead	207-1	16553120	15991891	16232894	16259302	1.73	cps
Lead	208-1	75753908	74137238	74065733	74652293	1.28	cps
Lithium	6-1	6887754	6821569	7151440	6953588	2.51	cps
Magnesium	24-2	16448076	15687177	16080561	16071938	2.37	cps
Manganese	55-2	11554359	11306824	11404208	11421797	1.09	cps
Molybdenum	94-1	14510233	14399947	14168288	14359490	1.22	cps
Molybdenum	95-1	17510874	17790602	17253232	17518236	1.53	cps
Molybdenum	96-1	19522450	19504111	19283707	19436756	0.68	cps
Molybdenum	97-1	10858762	10852152	10620420	10777111	1.26	cps
Molybdenum	98-1	27961912	28127796	27780563	27956757	0.62	cps
Neodymium	150-1	387	327	313	342	11.41	cps
Neodymium	150-2	47	30	57	44	30.31	cps
Nickel	60-2	1027763	1034430	1021621	1027938	0.62	cps
Phosphorus	31-2	61757	59649	62059	61155	2.15	cps
Potassium	39-2	6286795	6289278	6375230	6317101	0.80	cps
Rhodium	103-1	14590107	14264822	14163171	14339366	1.56	cps
Rhodium	103-2	6859489	6822576	6996466	6892844	1.33	cps
Scandium	45-1	12077935	11967861	11919161	11988319	0.68	cps
Scandium	45-2	394670	390553	392717	392647	0.52	cps
Selenium	82-1	123129	122412	122606	122715	0.30	cps
Selenium	77-2	3944	4314	4237	4165	4.69	cps
Selenium	78-2	14239	14382	14231	14284	0.60	cps
Silicon	28-1	5334445	5344701	5483906	5387684	1.55	cps
Silver	107-1	8266610	8138586	8190340	8198512	0.79	cps
Silver	109-1	8038817	7763976	7699436	7834076	2.30	cps
Sodium	23-2	30814731	29402556	30499572	30238953	2.45	cps
Strontium	86-1	22800404	23132007	22864176	22932195	0.77	cps
Strontium	88-1	199370721	196001175	194445021	196605639	1.28	cps
Sulfur	34-1	1187969	1190034	1140504	1172835	2.39	cps
Terbium	159-1	15982772	16280362	16278314	16180483	1.06	cps
Terbium	159-2	7596092	7856937	7825057	7759362	1.83	cps
Thallium	203-1	4763069	4788441	4733463	4761658	0.58	cps
Thallium	205-1	11037477	11144787	10805287	10995851	1.58	cps
Tin	118-1	4949623	5118411	5119442	5062492	1.93	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	PB139428BS	Instrumnet Name :	P8
Client Sample ID :	PB139428BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:33:48	DataFile Name :	051LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5841735	5716610	5910779	5823041	1.69	cps
Uranium	238-1	13397938	13543104	13550270	13497104	0.64	cps
Vanadium	51-2	1795051	1767676	1797084	1786604	0.92	cps
Ytterbium	172-1	50	67	75	64	19.92	cps
Ytterbium	172-2	28	6	17	17	66.65	cps
Ytterbium	176-1	20325	21101	22027	21151	4.03	cps
Ytterbium	176-2	11216	11511	11672	11466	2.02	cps
Yttrium	89-1	29757914	29645581	29272826	29558774	0.86	cps
Yttrium	89-2	3500597	3532142	3596131	3542957	1.37	cps
Zinc	66-2	3445778	3511650	3414678	3457369	1.43	cps
Zirconium	90-1	12399060	12372707	12135794	12302520	1.18	cps
Zirconium	91-1	2778719	2812422	2785514	2792218	0.64	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:36:41	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1135205	1158030	1123970	1139068	1.52	cps
Antimony	121-1	5298894	5275530	5464331	5346252	1.93	cps
Arsenic	75-2	196419	194940	195005	195454	0.43	cps
Barium	135-1	7329336	7412793	7609402	7450511	1.93	cps
Barium	137-1	12668169	12602690	12948485	12739781	1.44	cps
Beryllium	9-1	1780837	1833814	1778772	1797808	1.74	cps
Bismuth	209-1	8296414	8061624	8202150	8186729	1.44	cps
Bismuth	209-2	4936678	4988913	5058888	4994826	1.23	cps
Boron	10-1	221598	235069	245445	234037	5.11	cps
Boron	11-1	1034914	1043071	1067281	1048422	1.61	cps
Bromine	81-1	78085	86927	94109	86374	9.29	cps
Cadmium	111-1	1483748	1546648	1541496	1523964	2.29	cps
Cadmium	106-1	161229	166372	165735	164445	1.70	cps
Cadmium	108-1	111241	112504	111131	111625	0.68	cps
Calcium	43-1	3676567	3739836	3702629	3706344	0.86	cps
Calcium	44-1	57753050	58763071	59239193	58585104	1.30	cps
Carbon	12-1	17868570	19124673	19748442	18913895	5.06	cps
Carbon	12-2	207376	217787	209444	211536	2.61	cps
Chlorine	35-1	1486582	1594576	1715063	1598740	7.15	cps
Chlorine	35-2	14441	14566	16043	15016	5.93	cps
Chromium	52-2	2184035	2190267	2187361	2187221	0.14	cps
Cobalt	59-2	3871822	3852974	3822779	3849192	0.64	cps
Copper	63-2	32320056	31978783	31955640	32084826	0.64	cps
Dysprosium	156-1	1017	1067	1017	1033	2.79	cps
Dysprosium	156-2	583	537	543	554	4.55	cps
Erbium	164-1	825	708	833	789	8.86	cps
Erbium	164-2	447	610	383	480	24.38	cps
Gadolinium	160-1	1083	1333	1300	1239	10.96	cps
Gadolinium	160-2	667	693	597	652	7.65	cps
Holmium	165-1	14910760	15404539	15461733	15259011	1.99	cps
Holmium	165-2	7620278	7768641	7715111	7701343	0.98	cps
Indium	115-1	14061929	14161488	13978065	14067161	0.65	cps
Indium	115-2	2448446	2400157	2393170	2413924	1.25	cps
Iron	54-2	5256870	5302795	5319539	5293068	0.61	cps
Iron	56-2	95366083	96089260	93953908	95136417	1.14	cps
Iron	57-2	2464281	2498530	2450350	2471054	1.00	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:36:41	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1200	1003	913	1039	14.11	cps
Lead	206-1	18320080	18649071	18692769	18553973	1.10	cps
Lead	207-1	16052682	16465843	15830992	16116505	2.00	cps
Lead	208-1	73135545	73726513	73250091	73370717	0.43	cps
Lithium	6-1	6625790	7002712	6759339	6795947	2.81	cps
Magnesium	24-2	17762941	18007202	18311835	18027326	1.53	cps
Manganese	55-2	12502064	12519932	12512743	12511580	0.07	cps
Molybdenum	94-1	22233200	21374618	22001733	21869850	2.03	cps
Molybdenum	95-1	32202987	31260131	32332339	31931819	1.83	cps
Molybdenum	96-1	35121216	34394067	35157051	34890778	1.23	cps
Molybdenum	97-1	19550858	19359749	19607647	19506085	0.67	cps
Molybdenum	98-1	51267597	51474645	52198499	51646914	0.95	cps
Neodymium	150-1	1147	1253	1387	1262	9.53	cps
Neodymium	150-2	367	457	370	398	12.83	cps
Nickel	60-2	990617	983720	979910	984749	0.55	cps
Phosphorus	31-2	2225	2309	2034	2189	6.44	cps
Potassium	39-2	7104326	7274471	7250546	7209781	1.28	cps
Rhodium	103-1	13961069	14102393	14153672	14072378	0.71	cps
Rhodium	103-2	6710838	6768247	6738422	6739169	0.43	cps
Scandium	45-1	11986668	12077921	11902712	11989100	0.73	cps
Scandium	45-2	395949	384758	386104	388937	1.57	cps
Selenium	82-1	116204	117970	117436	117203	0.77	cps
Selenium	77-2	4024	4094	4171	4096	1.79	cps
Selenium	78-2	13580	13303	13432	13438	1.03	cps
Silicon	28-1	48676469	48800977	48547269	48674905	0.26	cps
Silver	107-1	8484908	9108968	8907626	8833834	3.61	cps
Silver	109-1	7404797	8283531	6669742	7452690	10.84	cps
Sodium	23-2	46243850	46601041	46690744	46511878	0.51	cps
Strontium	86-1	21858621	22210571	22736239	22268477	1.98	cps
Strontium	88-1	189082642	185734346	195546138	190121042	2.62	cps
Sulfur	34-1	958000	956396	948753	954383	0.52	cps
Terbium	159-1	15990678	15901883	16165131	16019230	0.84	cps
Terbium	159-2	7618082	7596348	7566748	7593726	0.34	cps
Thallium	203-1	4503274	4568300	4526855	4532810	0.73	cps
Thallium	205-1	10424002	10539857	10658069	10540642	1.11	cps
Tin	118-1	5072181	5137078	5157195	5122151	0.87	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:36:41	DataFile Name :	052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10536339	10725298	10393231	10551622	1.58	cps
Uranium	238-1	13470559	13334109	13226300	13343656	0.92	cps
Vanadium	51-2	1694704	1721695	1749444	1721948	1.59	cps
Ytterbium	172-1	325	567	433	442	27.41	cps
Ytterbium	172-2	211	233	183	209	11.97	cps
Ytterbium	176-1	2059	2100	2292	2150	5.79	cps
Ytterbium	176-2	1422	1539	1672	1545	8.10	cps
Yttrium	89-1	29596290	29763984	29825725	29728666	0.40	cps
Yttrium	89-2	3491941	3497534	3446463	3478646	0.81	cps
Zinc	66-2	3614142	3520930	3620472	3585181	1.55	cps
Zirconium	90-1	11667099	11549490	11570221	11595603	0.54	cps
Zirconium	91-1	2633136	2595344	2624002	2617494	0.75	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:39:36	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1121457	1125882	1124153	1123831	0.20	cps
Antimony	121-1	5315800	5197965	5358187	5290651	1.57	cps
Arsenic	75-2	194538	195435	195172	195049	0.24	cps
Barium	135-1	7332479	7395950	7481790	7403406	1.01	cps
Barium	137-1	12453855	12892488	12879665	12742003	1.96	cps
Beryllium	9-1	1758352	1733256	1829521	1773710	2.82	cps
Bismuth	209-1	8315098	8191400	8253845	8253448	0.75	cps
Bismuth	209-2	4976219	4882590	5063855	4974221	1.82	cps
Boron	10-1	230660	243425	244414	239500	3.20	cps
Boron	11-1	1056254	1087753	1145590	1096532	4.13	cps
Bromine	81-1	86706	94110	100792	93869	7.51	cps
Cadmium	111-1	1465020	1505771	1479972	1483588	1.39	cps
Cadmium	106-1	163767	162468	162863	163033	0.41	cps
Cadmium	108-1	111060	112243	110926	111410	0.65	cps
Calcium	43-1	3714039	3851429	3600198	3721889	3.38	cps
Calcium	44-1	60285583	59912366	58661731	59619893	1.43	cps
Carbon	12-1	19017846	20177843	21291417	20162369	5.64	cps
Carbon	12-2	214476	218519	223994	218997	2.18	cps
Chlorine	35-1	1914810	2062308	2113782	2030300	5.09	cps
Chlorine	35-2	17219	17603	17995	17606	2.20	cps
Chromium	52-2	2195224	2160926	2194945	2183698	0.90	cps
Cobalt	59-2	3879585	3788768	3735198	3801184	1.92	cps
Copper	63-2	32283726	31785775	31470826	31846776	1.29	cps
Dysprosium	156-1	1183	1175	1158	1172	1.09	cps
Dysprosium	156-2	540	490	597	542	9.84	cps
Erbium	164-1	692	1042	808	847	21.04	cps
Erbium	164-2	367	420	417	401	7.45	cps
Gadolinium	160-1	1183	1242	1133	1186	4.57	cps
Gadolinium	160-2	693	570	630	631	9.77	cps
Holmium	165-1	15329402	15547578	15503552	15460177	0.75	cps
Holmium	165-2	7698671	7574228	7757872	7676924	1.22	cps
Indium	115-1	14169326	14059628	14012107	14080354	0.57	cps
Indium	115-2	2414529	2410625	2379752	2401635	0.79	cps
Iron	54-2	5249714	5162681	5206654	5206350	0.84	cps
Iron	56-2	93777880	92016855	91195569	92330101	1.43	cps
Iron	57-2	2426911	2397050	2372456	2398806	1.14	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:39:36	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	990	997	1023	1003	1.76	cps
Lead	206-1	18464962	18629379	18370752	18488364	0.71	cps
Lead	207-1	16093707	16114750	16563691	16257383	1.63	cps
Lead	208-1	73727679	72955581	74214835	73632699	0.86	cps
Lithium	6-1	6889987	6801205	7054688	6915293	1.86	cps
Magnesium	24-2	17654033	17721734	17568445	17648071	0.44	cps
Manganese	55-2	12407555	12152769	12279980	12280101	1.04	cps
Molybdenum	94-1	21745620	22185760	21848418	21926599	1.05	cps
Molybdenum	95-1	31098750	31905939	32061181	31688623	1.63	cps
Molybdenum	96-1	34407401	34813396	35057306	34759367	0.94	cps
Molybdenum	97-1	19135749	19220916	19483474	19280046	0.94	cps
Molybdenum	98-1	49307195	50152263	51045152	50168203	1.73	cps
Neodymium	150-1	1293	1207	1200	1233	4.22	cps
Neodymium	150-2	343	400	410	384	9.35	cps
Nickel	60-2	995318	982898	984093	987436	0.69	cps
Phosphorus	31-2	2050	1925	2159	2045	5.71	cps
Potassium	39-2	7156335	7205576	7044159	7135357	1.16	cps
Rhodium	103-1	13862534	14130566	14227390	14073496	1.34	cps
Rhodium	103-2	6818148	6838206	6793924	6816759	0.33	cps
Scandium	45-1	12125148	12178185	11865267	12056200	1.39	cps
Scandium	45-2	390642	390681	389488	390270	0.17	cps
Selenium	82-1	116743	117916	117493	117384	0.51	cps
Selenium	77-2	3787	3974	3837	3866	2.50	cps
Selenium	78-2	13168	13353	13479	13333	1.17	cps
Silicon	28-1	47634007	47837576	48247593	47906392	0.65	cps
Silver	107-1	8169926	8497563	8477042	8381510	2.19	cps
Silver	109-1	8277111	7776242	6502068	7518474	12.17	cps
Sodium	23-2	45580782	45550839	46174119	45768580	0.77	cps
Strontium	86-1	22001770	22273885	22101067	22125574	0.62	cps
Strontium	88-1	190171008	193420050	189150192	190913750	1.17	cps
Sulfur	34-1	934303	950872	952093	945756	1.05	cps
Terbium	159-1	15417239	15902481	15936480	15752067	1.84	cps
Terbium	159-2	7747208	7721095	7543317	7670540	1.45	cps
Thallium	203-1	4506643	4537289	4536653	4526862	0.39	cps
Thallium	205-1	10524721	10638009	10638699	10600476	0.62	cps
Tin	118-1	5092054	4985087	5081776	5052972	1.17	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:39:36	DataFile Name :	053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10459347	10432249	10387828	10426475	0.35	cps
Uranium	238-1	13244596	13362151	13436175	13347641	0.72	cps
Vanadium	51-2	1714571	1729328	1741022	1728307	0.77	cps
Ytterbium	172-1	400	458	300	386	20.74	cps
Ytterbium	172-2	172	150	228	183	21.85	cps
Ytterbium	176-1	2092	2000	2300	2131	7.22	cps
Ytterbium	176-2	1439	1545	1545	1509	4.04	cps
Yttrium	89-1	29437806	29177235	29852355	29489132	1.15	cps
Yttrium	89-2	3555830	3473930	3497085	3508948	1.20	cps
Zinc	66-2	3627285	3594754	3501525	3574522	1.83	cps
Zirconium	90-1	11470144	11456857	11820739	11582580	1.78	cps
Zirconium	91-1	2550534	2623302	2647282	2607040	1.93	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:42:29	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1133188	1167228	1185859	1162091	2.30	cps
Antimony	121-1	5412161	5321838	5396025	5376674	0.90	cps
Arsenic	75-2	197251	196217	194872	196114	0.61	cps
Barium	135-1	7625504	7576528	7601016	7601016	0.32	cps
Barium	137-1	12723815	12707879	12759660	12730451	0.21	cps
Beryllium	9-1	1839441	1767750	1819543	1808911	2.05	cps
Bismuth	209-1	7913456	8169159	8355731	8146115	2.73	cps
Bismuth	209-2	5060505	5140395	5017317	5072739	1.23	cps
Boron	10-1	233416	245519	250942	243292	3.69	cps
Boron	11-1	1073307	1110913	1170262	1118161	4.37	cps
Bromine	81-1	86031	94484	101579	94031	8.28	cps
Cadmium	111-1	1450012	1468656	1496138	1471602	1.58	cps
Cadmium	106-1	164835	165429	165090	165118	0.18	cps
Cadmium	108-1	110787	110514	112405	111235	0.92	cps
Calcium	43-1	3608145	3620659	3700324	3643042	1.37	cps
Calcium	44-1	58416508	58508214	58321571	58415431	0.16	cps
Carbon	12-1	18812610	20273494	21741259	20275788	7.22	cps
Carbon	12-2	215017	223160	225488	221222	2.49	cps
Chlorine	35-1	2116117	2192014	2316872	2208334	4.59	cps
Chlorine	35-2	19505	19480	19255	19414	0.71	cps
Chromium	52-2	2260883	2251093	2240261	2250746	0.46	cps
Cobalt	59-2	3832624	3796102	3815940	3814889	0.48	cps
Copper	63-2	32154869	32319418	32037079	32170455	0.44	cps
Dysprosium	156-1	933	1100	1083	1039	8.84	cps
Dysprosium	156-2	550	510	530	530	3.77	cps
Erbium	164-1	750	875	900	842	9.55	cps
Erbium	164-2	433	413	313	387	16.63	cps
Gadolinium	160-1	1133	1267	1142	1181	6.33	cps
Gadolinium	160-2	593	663	613	623	5.79	cps
Holmium	165-1	14910524	15364999	15347509	15207677	1.69	cps
Holmium	165-2	7929030	7941831	7693203	7854688	1.78	cps
Indium	115-1	13284805	13689389	14032708	13668967	2.74	cps
Indium	115-2	2448620	2452153	2431792	2444188	0.45	cps
Iron	54-2	5338332	5354292	5190790	5294472	1.70	cps
Iron	56-2	94321008	97563380	93848144	95244177	2.12	cps
Iron	57-2	2439801	2506853	2422375	2456343	1.82	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:42:29	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1120	920	1113	1051	10.81	cps
Lead	206-1	18410574	18240096	18634168	18428279	1.07	cps
Lead	207-1	16458494	15780614	16163517	16134208	2.11	cps
Lead	208-1	74258845	72638804	73750107	73549252	1.13	cps
Lithium	6-1	6339966	6806557	7135520	6760681	5.91	cps
Magnesium	24-2	18017795	17901519	17655250	17858188	1.04	cps
Manganese	55-2	12578071	12585354	12347836	12503754	1.08	cps
Molybdenum	94-1	22427279	22143305	22411716	22327433	0.72	cps
Molybdenum	95-1	32567039	32037000	31936115	32180051	1.05	cps
Molybdenum	96-1	35191606	34793146	34547760	34844171	0.93	cps
Molybdenum	97-1	19442275	19875086	19415578	19577646	1.32	cps
Molybdenum	98-1	50749232	51395894	50338808	50827978	1.05	cps
Neodymium	150-1	1347	1367	1520	1411	6.72	cps
Neodymium	150-2	370	333	427	377	12.48	cps
Nickel	60-2	990327	983933	991724	988662	0.42	cps
Phosphorus	31-2	2042	1942	2009	1997	2.55	cps
Potassium	39-2	7201759	7038128	7098423	7112770	1.16	cps
Rhodium	103-1	13612250	14236547	14032322	13960373	2.28	cps
Rhodium	103-2	6975253	6814840	6752757	6847617	1.68	cps
Scandium	45-1	11386249	11831079	11793536	11670288	2.11	cps
Scandium	45-2	389507	390704	389037	389749	0.22	cps
Selenium	82-1	116821	116888	118476	117395	0.80	cps
Selenium	77-2	3987	3971	3607	3855	5.57	cps
Selenium	78-2	13727	13527	13567	13607	0.78	cps
Silicon	28-1	47586968	48625572	49824492	48679010	2.30	cps
Silver	107-1	8049859	8916771	7775002	8247211	7.23	cps
Silver	109-1	8750308	8717437	6628854	8032200	15.13	cps
Sodium	23-2	45574006	46526841	46390789	46163878	1.12	cps
Strontium	86-1	22825690	22416626	22623938	22622085	0.90	cps
Strontium	88-1	194351409	195646621	194284604	194760878	0.39	cps
Sulfur	34-1	919602	925862	942168	929210	1.25	cps
Terbium	159-1	15312470	15824403	16125783	15754219	2.61	cps
Terbium	159-2	8033163	8124461	7481291	7879638	4.42	cps
Thallium	203-1	4518848	4508626	4490223	4505899	0.32	cps
Thallium	205-1	10267012	10477072	10411970	10385351	1.04	cps
Tin	118-1	5071674	5143632	5277672	5164326	2.02	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	M3953-03A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-03-(SA)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:42:29	DataFile Name :	054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10600736	10713020	10328764	10547507	1.87	cps
Uranium	238-1	13181590	13425343	13285976	13297636	0.92	cps
Vanadium	51-2	1744433	1723996	1751871	1740100	0.83	cps
Ytterbium	172-1	408	425	458	431	5.91	cps
Ytterbium	172-2	206	211	222	213	3.99	cps
Ytterbium	176-1	1658	1892	1967	1839	8.75	cps
Ytterbium	176-2	1550	1650	1700	1633	4.68	cps
Yttrium	89-1	28018661	28702707	29908061	28876477	3.31	cps
Yttrium	89-2	3551086	3553183	3520839	3541703	0.51	cps
Zinc	66-2	3607277	3615711	3564069	3595686	0.77	cps
Zirconium	90-1	11601500	11531261	11763328	11632030	1.02	cps
Zirconium	91-1	2619037	2540239	2637703	2598993	1.99	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : CCV37 Instrumnet Name : P8
 Client Sample ID : CCV37 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 16:55:27 DataFile Name : 057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5601452	5522682	5551799	5558645	0.72	cps
Antimony	121-1	5401835	5235855	5289338	5309009	1.60	cps
Arsenic	75-2	203069	202357	200167	201865	0.75	cps
Barium	135-1	7058840	6900455	6959830	6973042	1.15	cps
Barium	137-1	11912903	11868102	11759134	11846713	0.67	cps
Beryllium	9-1	1852877	1859467	1869283	1860542	0.44	cps
Bismuth	209-1	7887931	8050464	7933939	7957445	1.05	cps
Bismuth	209-2	4887813	4908116	4851091	4882340	0.59	cps
Boron	10-1	205502	211554	216280	211112	2.56	cps
Boron	11-1	920319	980932	984733	961995	3.76	cps
Bromine	81-1	26853	25880	26322	26352	1.85	cps
Cadmium	111-1	1473057	1481084	1488109	1480750	0.51	cps
Cadmium	106-1	168683	164743	163537	165654	1.62	cps
Cadmium	108-1	110014	109737	108204	109318	0.89	cps
Calcium	43-1	12299530	12307198	12442073	12349600	0.65	cps
Calcium	44-1	199825302	201221618	203059843	201368921	0.81	cps
Carbon	12-1	10772729	11523751	11669859	11322113	4.25	cps
Carbon	12-2	122677	122089	121222	121996	0.60	cps
Chlorine	35-1	778111	773732	779143	776995	0.37	cps
Chlorine	35-2	5576	6285	5910	5924	5.98	cps
Chromium	52-2	2275538	2272135	2253875	2267183	0.51	cps
Cobalt	59-2	3924714	3915562	3929289	3923188	0.18	cps
Copper	63-2	30190490	30029680	29567384	29929184	1.08	cps
Dysprosium	156-1	1008	1133	992	1045	7.41	cps
Dysprosium	156-2	560	530	467	519	9.18	cps
Erbium	164-1	267	292	200	253	18.75	cps
Erbium	164-2	130	130	153	138	9.78	cps
Gadolinium	160-1	1292	1050	1150	1164	10.43	cps
Gadolinium	160-2	620	587	553	587	5.68	cps
Holmium	165-1	15325894	15456795	15302416	15361701	0.54	cps
Holmium	165-2	7853038	7974009	7828896	7885314	0.99	cps
Indium	115-1	13872593	13888888	14165814	13975765	1.18	cps
Indium	115-2	2427723	2457937	2427328	2437663	0.72	cps
Iron	54-2	24078882	24339278	23857017	24091726	1.00	cps
Iron	56-2	435606954	440970688	438764121	438447254	0.61	cps
Iron	57-2	10849640	11158063	10993124	11000276	1.40	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:55:27	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	957	1143	953	1018	10.68	cps
Lead	206-1	17793068	17786312	18187139	17922173	1.28	cps
Lead	207-1	15398183	15590617	15721257	15570019	1.04	cps
Lead	208-1	70631792	70972633	71557666	71054030	0.66	cps
Lithium	6-1	6995607	6990235	7133006	7039616	1.15	cps
Magnesium	24-2	79223023	78647337	78502143	78790834	0.48	cps
Manganese	55-2	11767532	12127238	11818325	11904365	1.64	cps
Molybdenum	94-1	13757461	14161454	14045194	13988036	1.49	cps
Molybdenum	95-1	16940784	17339601	17282006	17187464	1.25	cps
Molybdenum	96-1	18962553	19282670	19371367	19205530	1.12	cps
Molybdenum	97-1	10313686	10580838	10618228	10504251	1.58	cps
Molybdenum	98-1	27268532	27592244	27639532	27500103	0.73	cps
Neodymium	150-1	280	387	293	320	18.16	cps
Neodymium	150-2	67	47	33	49	34.32	cps
Nickel	60-2	1020752	1009831	1014274	1014952	0.54	cps
Phosphorus	31-2	59899	60879	60125	60301	0.85	cps
Potassium	39-2	31302004	31265406	30832680	31133363	0.84	cps
Rhodium	103-1	13549195	13664505	13930226	13714642	1.42	cps
Rhodium	103-2	6637151	6648423	6721427	6669000	0.69	cps
Scandium	45-1	12045403	12109569	11993433	12049468	0.48	cps
Scandium	45-2	400188	402349	403892	402143	0.46	cps
Selenium	82-1	120558	120120	120320	120333	0.18	cps
Selenium	77-2	4374	4461	4031	4288	5.30	cps
Selenium	78-2	14292	14353	14128	14258	0.81	cps
Silicon	28-1	6013473	6395119	6658100	6355564	5.10	cps
Silver	107-1	7788161	7665195	7572670	7675342	1.41	cps
Silver	109-1	7273241	7238666	7333280	7281729	0.66	cps
Sodium	23-2	149171503	151229066	152392745	150931105	1.08	cps
Strontium	86-1	22406059	21918386	22547457	22290634	1.48	cps
Strontium	88-1	191567525	194097229	191860246	192508333	0.72	cps
Sulfur	34-1	1145238	1146898	1141544	1144560	0.24	cps
Terbium	159-1	15786833	15871113	16400200	16019382	2.08	cps
Terbium	159-2	7866609	7939183	7945442	7917078	0.55	cps
Thallium	203-1	4394167	4458884	4535845	4462965	1.59	cps
Thallium	205-1	10285673	10316711	10621264	10407883	1.78	cps
Tin	118-1	4886213	4757241	4927199	4856884	1.83	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCV37	Instrumnet Name :	P8
Client Sample ID :	CCV37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-28 16:55:27	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5855882	5804352	5827134	5829123	0.44	cps
Uranium	238-1	13471981	13278942	12989151	13246691	1.83	cps
Vanadium	51-2	1781316	1816805	1769249	1789123	1.38	cps
Ytterbium	172-1	58	100	92	83	26.46	cps
Ytterbium	172-2	33	39	61	44	33.07	cps
Ytterbium	176-1	20909	20425	20650	20661	1.17	cps
Ytterbium	176-2	11283	11589	11589	11487	1.54	cps
Yttrium	89-1	30013120	29857765	30364660	30078515	0.86	cps
Yttrium	89-2	3568331	3630156	3640959	3613149	1.08	cps
Zinc	66-2	3367210	3349824	3314981	3344005	0.80	cps
Zirconium	90-1	12316911	12354779	12326303	12332664	0.16	cps
Zirconium	91-1	2722278	2730473	2793582	2748777	1.42	cps

LB Number : LB116561 Operator : Jaswal
 Lab Sample ID : CCB37 Instrumnet Name : P8
 Client Sample ID : CCB37 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-28 17:06:43 DataFile Name : 058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	202	156	201	187	14.12	cps
Antimony	121-1	617	792	808	739	14.37	cps
Arsenic	75-2	14	10	9	11	24.05	cps
Barium	135-1	83	50	92	75	29.40	cps
Barium	137-1	150	192	150	164	14.68	cps
Beryllium	9-1	62	66	98	75	26.19	cps
Bismuth	209-1	8295378	8607564	8651930	8518290	2.28	cps
Bismuth	209-2	5252927	5239642	5208872	5233814	0.43	cps
Boron	10-1	8699	8579	8605	8628	0.73	cps
Boron	11-1	42238	41841	40448	41509	2.27	cps
Bromine	81-1	26171	26913	27215	26767	2.01	cps
Cadmium	111-1	4982	4633	4983	4866	4.15	cps
Cadmium	106-1	7102	6627	7085	6938	3.89	cps
Cadmium	108-1	92	92	104	96	7.53	cps
Calcium	43-1	530	505	521	519	2.45	cps
Calcium	44-1	54716	54808	54759	54761	0.08	cps
Carbon	12-1	7565221	7504018	7502774	7524004	0.47	cps
Carbon	12-2	69950	69080	71198	70076	1.52	cps
Chlorine	35-1	544811	538805	551423	545013	1.16	cps
Chlorine	35-2	4076	4209	4518	4267	5.31	cps
Chromium	52-2	1460	1510	1473	1481	1.75	cps
Cobalt	59-2	127	97	133	119	16.43	cps
Copper	63-2	1360	1410	1317	1362	3.43	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	67	67	125	86	39.11	cps
Erbium	164-2	30	47	73	50	43.71	cps
Gadolinium	160-1	92	133	142	122	21.92	cps
Gadolinium	160-2	53	57	37	49	21.91	cps
Holmium	165-1	14595399	15071434	15006860	14891231	1.73	cps
Holmium	165-2	7802832	7726674	7824943	7784816	0.66	cps
Indium	115-1	14138013	14577485	14654178	14456559	1.93	cps
Indium	115-2	2638727	2597830	2611583	2616047	0.80	cps
Iron	54-2	1028	1011	1011	1017	0.95	cps
Iron	56-2	8881	9520	9253	9218	3.48	cps
Iron	57-2	222	206	167	198	14.39	cps

LB Number :	LB116561	Operator :	Jaswal
Lab Sample ID :	CCB37	Instrumnet Name :	P8
Client Sample ID :	CCB37	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1097	1010	1010	1039	4.82	cps
Lead	206-1	1961	1661	1817	1813	8.28	cps
Lead	207-1	1761	1578	1706	1682	5.59	cps
Lead	208-1	7773	7340	7445	7520	3.01	cps
Lithium	6-1	7132568	7120163	6958404	7070378	1.37	cps
Magnesium	24-2	1400	1250	1233	1295	7.09	cps
Manganese	55-2	200	203	233	212	8.65	cps
Molybdenum	94-1	942	717	792	817	14.03	cps
Molybdenum	95-1	658	442	350	483	32.76	cps
Molybdenum	96-1	683	642	567	631	9.38	cps
Molybdenum	97-1	358	208	200	256	34.87	cps
Molybdenum	98-1	900	633	667	733	19.81	cps
Neodymium	150-1	27	0	13	13	100.01	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	70	77	53	67	18.03	cps
Phosphorus	31-2	150	133	142	142	5.88	cps
Potassium	39-2	28579	29397	30149	29375	2.67	cps
Rhodium	103-1	14933500	14808110	15076108	14939239	0.90	cps
Rhodium	103-2	7332083	7368436	7260321	7320280	0.75	cps
Scandium	45-1	12175799	12355107	12329395	12286767	0.79	cps
Scandium	45-2	418469	407471	411579	412506	1.35	cps
Selenium	82-1	-48	51	92	32	228.00	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	90	100	98	96	5.51	cps
Silicon	28-1	527884	527959	525177	527007	0.30	cps
Silver	107-1	825	442	558	608	32.30	cps
Silver	109-1	892	525	500	639	34.32	cps
Sodium	23-2	46074	44418	46901	45798	2.76	cps
Strontium	86-1	2109	1917	1975	2000	4.91	cps
Strontium	88-1	2175	2167	2175	2172	0.22	cps
Sulfur	34-1	463312	465110	471680	466701	0.94	cps
Terbium	159-1	15959816	15922917	15817948	15900227	0.46	cps
Terbium	159-2	7974184	8037726	7690419	7900776	2.34	cps
Thallium	203-1	1100	1225	1225	1183	6.10	cps
Thallium	205-1	3125	2909	2950	2995	3.84	cps
Tin	118-1	783	1025	800	869	15.52	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	275	350	292	17.84	cps
Uranium	238-1	167	167	158	164	2.93	cps
Vanadium	51-2	40	40	33	38	10.19	cps
Ytterbium	172-1	42	67	33	47	36.74	cps
Ytterbium	172-2	11	11	17	13	24.76	cps
Ytterbium	176-1	1542	1675	1667	1628	4.59	cps
Ytterbium	176-2	1672	1689	1689	1683	0.57	cps
Yttrium	89-1	29762175	30108271	30042564	29971003	0.61	cps
Yttrium	89-2	3626111	3723825	3639395	3663110	1.45	cps
Zinc	66-2	827	840	833	833	0.80	cps
Zirconium	90-1	1467	1600	1708	1592	7.61	cps
Zirconium	91-1	317	267	275	286	9.36	cps