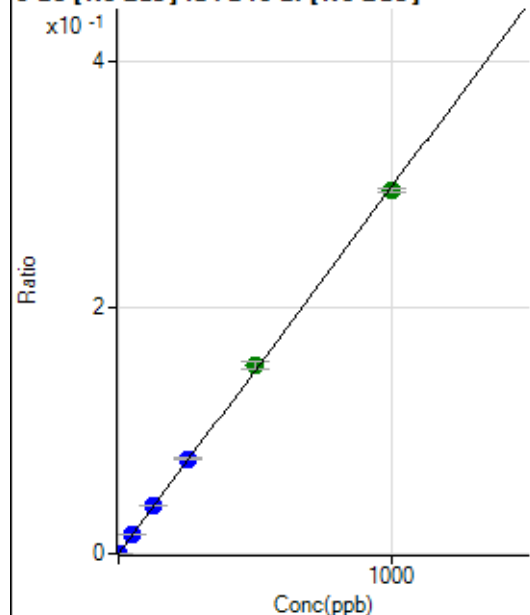


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8091721 MS.b\
Analysis File: P8091721 MS.batch.bin
DA Date-Time: 2021-09-17 12:37:05
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	006CALB.d	S00	2021-09-17 08:36:37
2	007CALS.d	S02	2021-09-17 08:39:41
3	008CALS.d	S03	2021-09-17 08:42:47
4	009CALS.d	S04	2021-09-17 08:45:50
5	010CALS.d	S05	2021-09-17 08:48:56
6	011CALS.d	S06	2021-09-17 08:51:59
7	012CALS.d	S07	2021-09-17 08:55:05
8	014CALS.d	S08	2021-09-17 09:01:30

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	61.99	0.0000	P	7.2
2	☐	1.000	1.028	3218.39	0.0003	P	3.1
3	☐	50.000	52.276	154675.31	0.0156	P	2.2
4	☐	125.000	131.489	385373.06	0.0392	P	0.8
5	☐	250.000	259.248	763242.43	0.0774	P	2.2
6	☐	500.000	514.159	1503604.94	0.1534	A	3.2
7	☐	1000.000	989.684	2898969.59	0.2953	A	1.1
8	☐			144.64	0.0000	P	18.2

$$y = 2.9837E-004 * x + 6.0798E-006$$

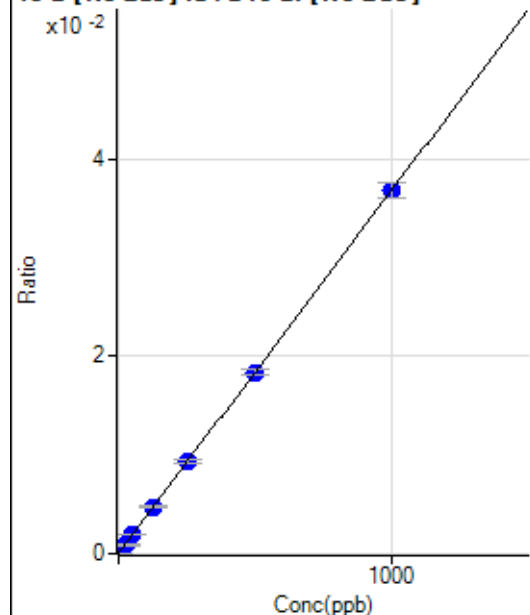
$$R = 0.9998$$

$$DL = 0.004404$$

$$BEC = 0.02038$$

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	480.58	0.0000	P	4.3
2	☐	25.000	22.725	9087.71	0.0009	P	6.1
3	☐	50.000	50.273	18814.99	0.0019	P	3.6
4	☐	125.000	126.667	46236.62	0.0047	P	4.3
5	☐	250.000	253.680	92547.22	0.0094	P	4.9
6	☐	500.000	499.750	180718.00	0.0184	P	3.6
7	☐	1000.000	999.040	361293.12	0.0368	P	4.3
8	☐			13610.29	0.0015	P	4.0

$$y = 3.6798E-005 * x + 4.7180E-005$$

$$R = 1.0000$$

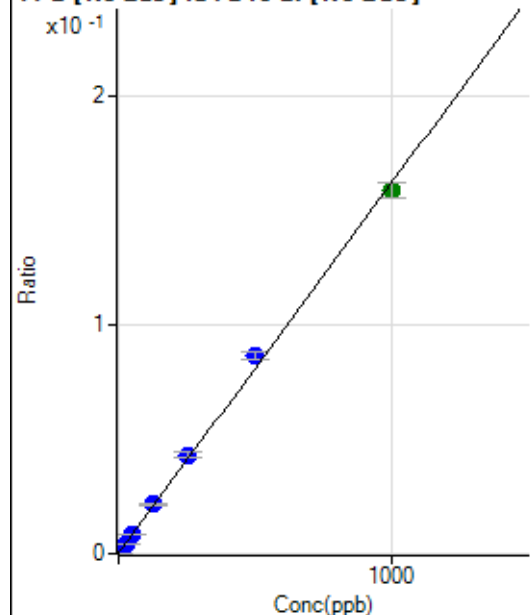
$$DL = 0.1658$$

$$BEC = 1.282$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2198.41	0.0002	P	2.4
2	☐	25.000	23.488	41287.57	0.0040	P	5.0
3	☐	50.000	52.177	85807.00	0.0087	P	1.7
4	☐	125.000	131.384	210740.86	0.0215	P	4.5
5	☐	250.000	264.753	424360.13	0.0430	P	5.4
6	☐	500.000	533.381	847564.91	0.0865	P	3.5
7	☐	1000.000	978.752	1555469.20	0.1585	A	4.3
8	☐			62888.45	0.0069	P	3.3

$$y = 1.6170E-004 * x + 2.1579E-004$$

$$R = 0.9990$$

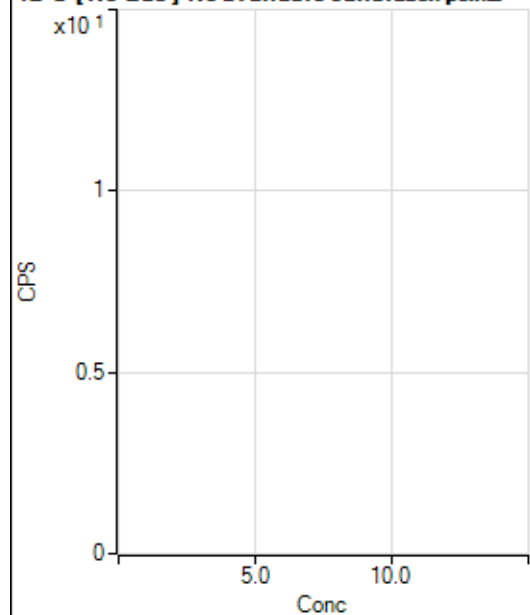
$$DL = 0.09459$$

$$BEC = 1.335$$

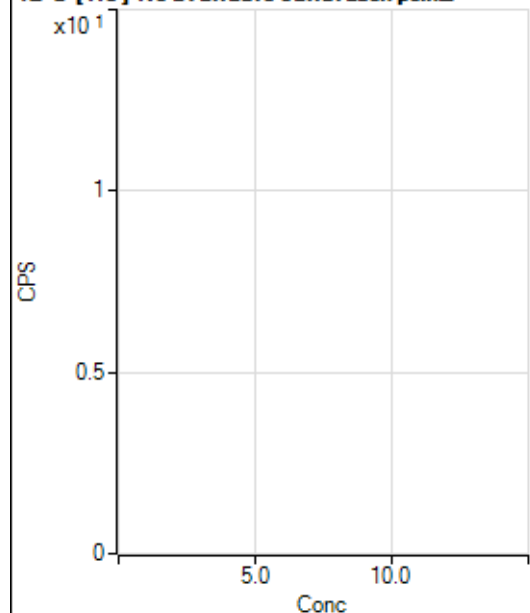
Weight: <None>

Min Conc: 0

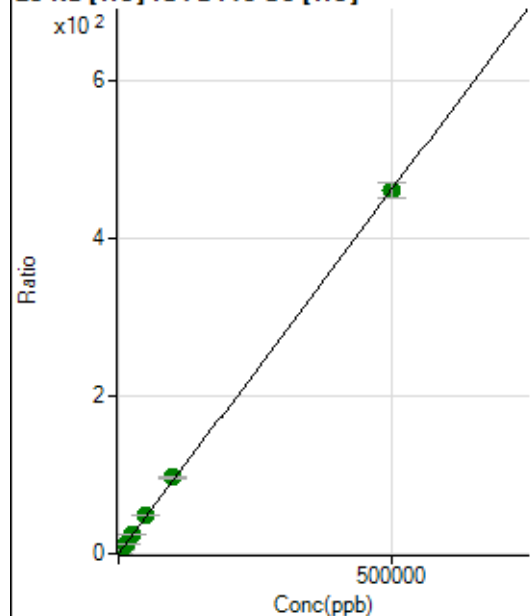
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4745871.63		A	0.8
2	☐			4754125.24		A	1.1
3	☐			5154724.90		A	0.9
4	☐			5485754.81		A	2.4
5	☐			5870365.19		A	2.1
6	☐			7338412.75		A	4.6
7	☐			8346686.30		A	4.7
8	☐			5038873.77		A	0.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			51429.30		P	1.1
2	☐			52218.32		P	1.9
3	☐			58020.84		P	2.0
4	☐			62728.71		P	1.1
5	☐			67996.54		P	1.2
6	☐			88365.43		P	3.0
7	☐			102025.92		P	2.2
8	☐			63727.26		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16946.28	0.0405	P	2.6
2	☐	500.000	540.933	224648.54	0.5397	P	5.4
3	☐	5000.000	5953.446	2103382.53	5.5348	A	3.6
4	☐	12500.000	13193.954	5035078.33	12.2168	A	2.2
5	☐	25000.000	27100.972	10227577.57	25.0512	A	3.6
6	☐	50000.000	52191.350	19795503.91	48.2063	A	1.1
7	☐	100000.00	104498.28	40976895.01	96.4788	A	2.8
8	☐	500000.00	498749.23	202537546.1	460.3210	A	4.2

$$y = 9.2287E-004 * x + 0.0405$$

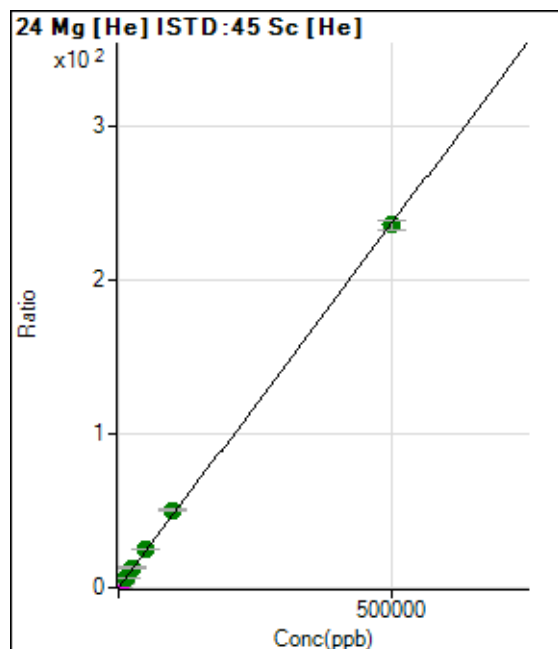
$$R = 1.0000$$

$$DL = 3.483$$

$$BEC = 43.9$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	300.01	0.0007	P	17.6
2	☐	500.000	546.808	107891.30	0.2595	P	8.5
3	☐	5000.000	6079.458	1093886.77	2.8783	M	4.2
4	☐	12500.000	13757.287	2684377.62	6.5125	A	1.3
5	☐	25000.000	27637.243	5341974.86	13.0823	A	2.3
6	☐	50000.000	52889.669	10280420.19	25.0351	A	0.7
7	☐	100000.00	106278.15	21365853.60	50.3055	A	2.9
8	☐	500000.00	498281.26	103797834.2	235.8530	A	2.9

$$y = 4.7333\text{E-}004 * x + 7.1543\text{E-}004$$

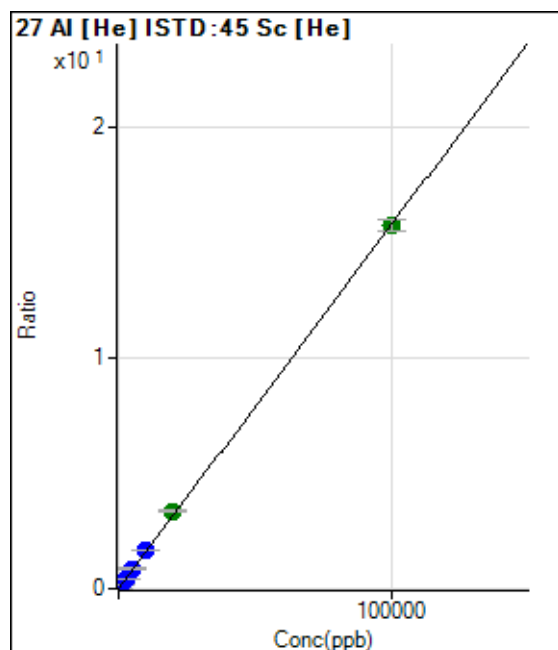
R = 0.9999

DL = 0.7984

BEC = 1.511

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	103.74	0.0002	P	2.1
2	☐	20.000	22.682	1592.81	0.0038	P	5.4
3	☐	1000.000	1182.300	70968.05	0.1867	P	3.9
4	☐	2500.000	2719.459	176912.39	0.4292	P	1.7
5	☐	5000.000	5526.999	356125.61	0.8721	P	1.9
6	☐	10000.000	10611.545	687463.34	1.6741	P	1.0
7	☐	20000.000	21290.642	1426605.88	3.3587	A	2.7
8	☐	100000.00	99647.057	6917749.82	15.7188	A	3.2

$$y = 1.5774\text{E-}004 * x + 2.4800\text{E-}004$$

R = 0.9999

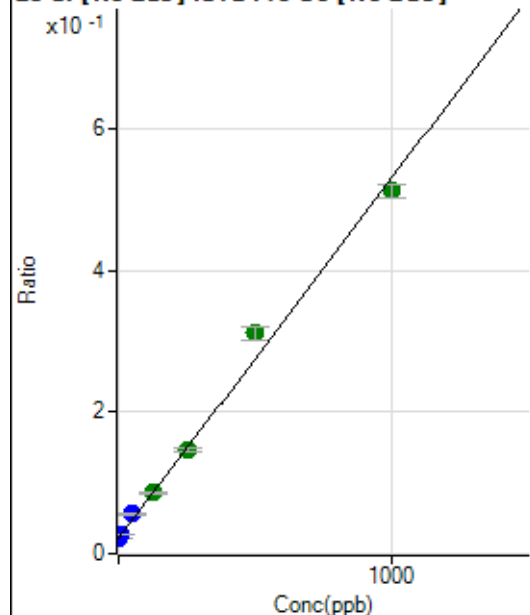
DL = 0.09935

BEC = 1.572

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	293695.04	0.0214	P	0.7
2	☐	10.000	12.431	384189.49	0.0277	P	2.6
3	☐	50.000	67.509	743218.07	0.0558	P	0.4
4	☐	125.000	126.799	1141705.03	0.0860	A	2.6
5	☐	250.000	246.227	1996076.28	0.1468	A	2.6
6	☐	500.000	569.324	4192032.47	0.3114	A	5.8
7	☐	1000.000	965.157	6866811.00	0.5130	A	3.7
8	☐			456600.88	0.0338	P	3.3

$$y = 5.0934\text{E-}004 * x + 0.0214$$

$$R = 0.9963$$

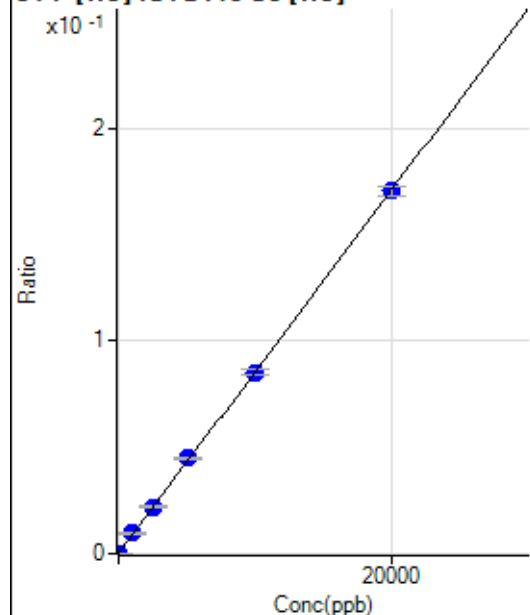
$$DL = 0.8957$$

$$BEC = 42.01$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	2.385	147.23	0.0004	P	28.6
2	☐	0.000	-2.385	130.56	0.0003	P	20.8
3	☐	1000.000	1093.679	3672.79	0.0097	P	7.6
4	☐	2500.000	2527.196	9019.69	0.0219	P	5.1
5	☐	5000.000	5236.428	18364.85	0.0450	P	1.8
6	☐	10000.000	9962.849	35009.83	0.0853	P	3.0
7	☐	20000.000	19951.385	72378.60	0.1704	P	2.8
8	☐			105.56	0.0002	P	23.6

$$y = 8.5247\text{E-}006 * x + 3.3225\text{E-}004$$

$$R = 0.9999$$

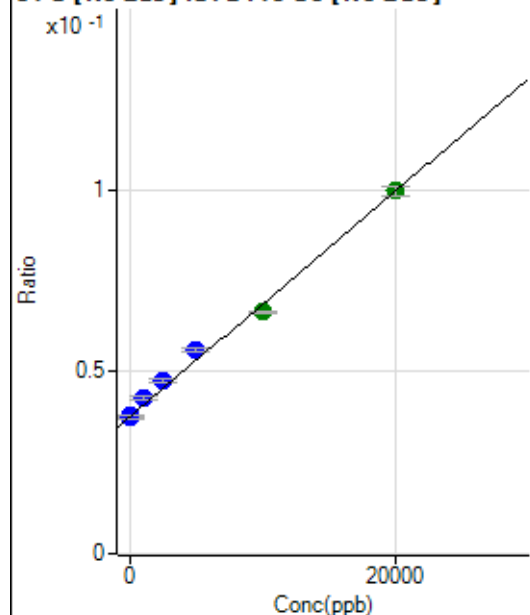
$$DL = 29.19$$

$$BEC = 38.98$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	85.359	520535.03	0.0379	P	1.5
2	☐	0.000	-85.359	518086.42	0.0374	P	3.5
3	☐	1000.000	1639.590	569322.67	0.0427	P	1.8
4	☐	2500.000	3133.013	628657.93	0.0474	P	1.8
5	☐	5000.000	5844.123	757663.82	0.0557	P	1.8
6	☐	10000.000	9295.896	893727.32	0.0664	A	0.9
7	☐	20000.000	20029.915	1333489.73	0.0996	A	2.4
8	☐			468449.06	0.0347	P	2.9

$$y = 3.0920\text{E-}006 * x + 0.0377$$

$$R = 0.9975$$

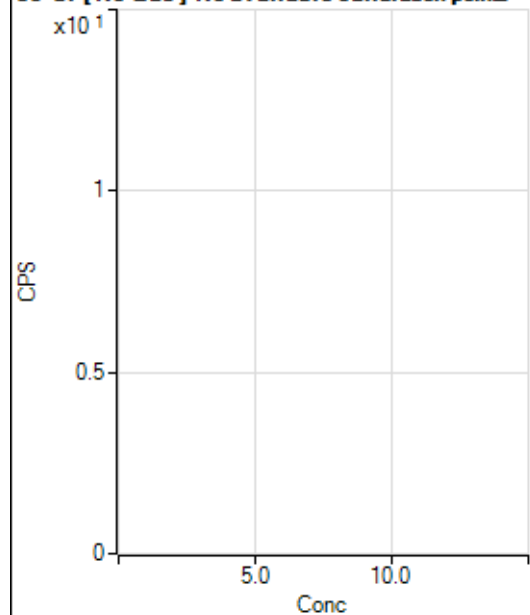
$$DL = 909.4$$

$$BEC = 1.218\text{E}+04$$

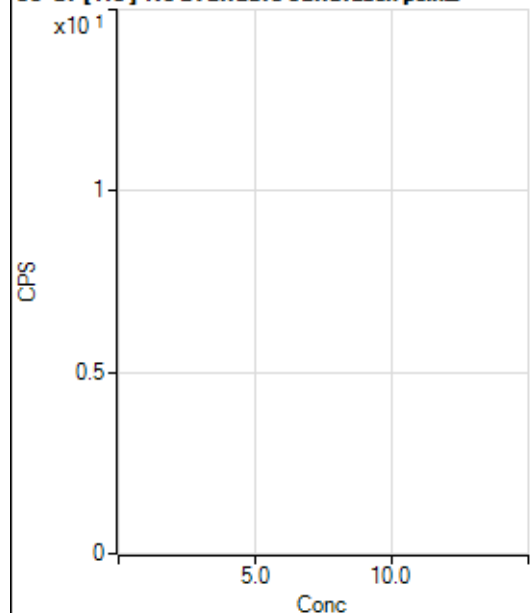
Weight: <None>

Min Conc: 0

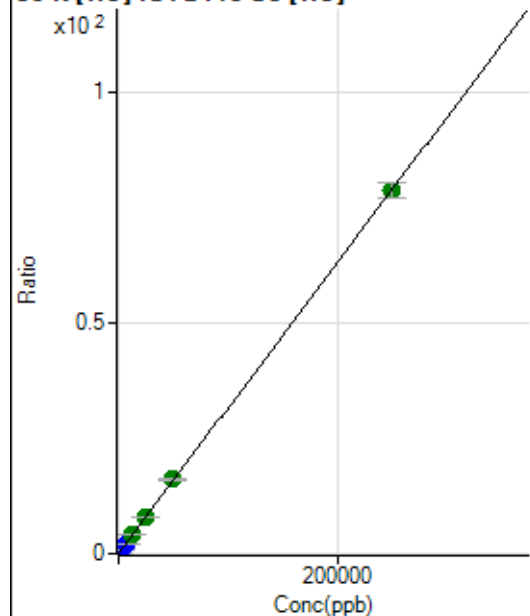
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			304010.85		P	0.6
2	☐			305938.46		P	0.2
3	☐			288309.10		P	1.5
4	☐			280940.65		P	1.3
5	☐			270749.82		P	1.6
6	☐			267027.46		P	0.3
7	☐			262598.45		P	0.8
8	☐			230670.57		P	1.8

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1891.85		P	11.1
2	☐			1991.87		P	9.6
3	☐			1880.74		P	12.9
4	☐			1875.17		P	6.2
5	☐			1725.14		P	8.4
6	☐			1872.39		P	5.9
7	☐			1766.83		P	5.8
8	☐			1619.58		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	12102.60	0.0289	P	3.4
2	☐	500.000	510.460	78941.26	0.1898	P	7.7
3	☐	2500.000	2903.591	358804.47	0.9441	P	2.8
4	☐	6250.000	6560.980	864172.88	2.0968	P	2.2
5	☐	12500.000	13435.869	1741232.05	4.2635	A	1.1
6	☐	25000.000	25413.456	3300933.91	8.0385	A	0.8
7	☐	50000.000	50968.639	6833405.45	16.0926	A	4.2
8	☐	250000.00	249706.30	34639260.50	78.7284	A	4.3

$$y = 3.1517E-004 * x + 0.0289$$

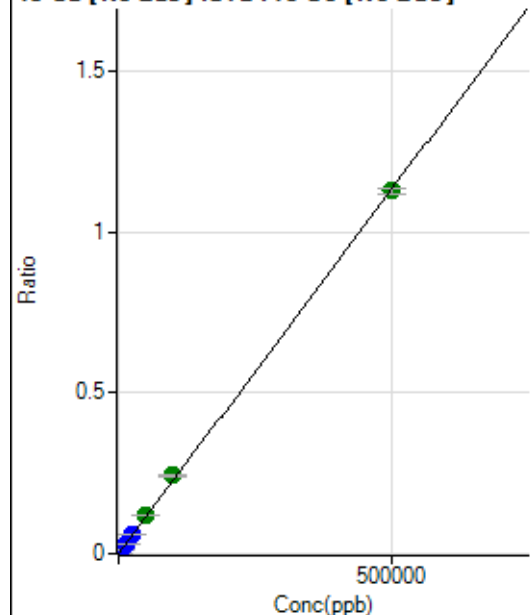
$$R = 1.0000$$

$$DL = 9.419$$

$$BEC = 91.83$$

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	345.38	0.0000	P	1.8
2	☐	500.000	483.683	15537.28	0.0011	P	1.3
3	☐	5000.000	5384.012	162871.89	0.0122	P	0.8
4	☐	12500.000	13558.724	408233.59	0.0307	P	1.3
5	☐	25000.000	26431.945	814562.32	0.0599	P	1.5
6	☐	50000.000	52834.903	1611594.17	0.1197	A	0.4
7	☐	100000.00	107349.27	3257443.35	0.2433	A	1.8
8	☐	500000.00	498144.76	15238325.13	1.1288	A	1.6

$$y = 2.2659\text{E-}006 * x + 2.5160\text{E-}005$$

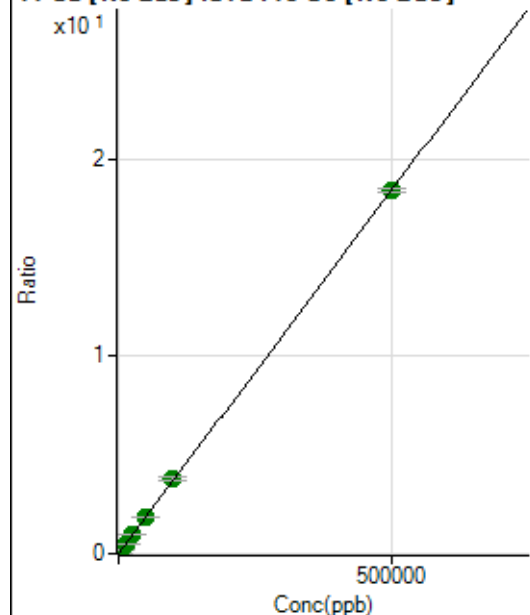
$$R = 0.9999$$

$$DL = 0.589$$

$$BEC = 11.1$$

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	26447.48	0.0019	P	0.7
2	☐	500.000	487.986	275502.37	0.0199	P	3.1
3	☐	5000.000	5324.963	2636715.15	0.1979	A	1.0
4	☐	12500.000	13148.878	6451108.10	0.4859	A	0.4
5	☐	25000.000	25554.268	12812013.21	0.9424	A	1.6
6	☐	50000.000	51256.324	25415317.08	1.8883	A	0.4
7	☐	100000.00	102874.34	50709928.42	3.7881	A	3.4
8	☐	500000.00	499252.32	248095038.5	18.3762	A	1.1

$$y = 3.6803\text{E-}005 * x + 0.0019$$

$$R = 1.0000$$

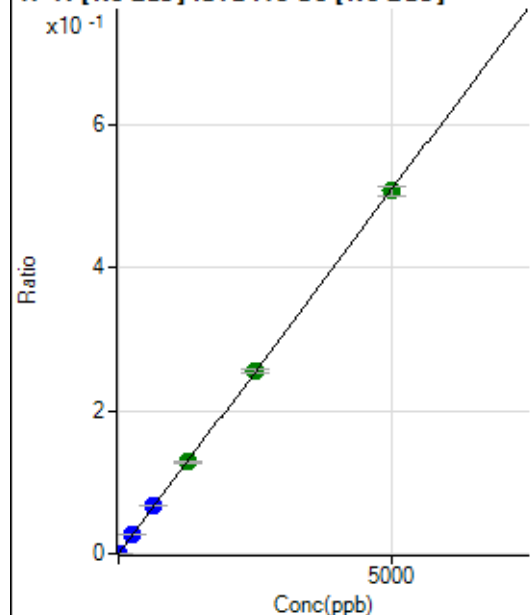
$$DL = 1.14$$

$$BEC = 52.36$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	24.6
2	☐	5.000	4.946	7149.19	0.0005	P	4.1
3	☐	250.000	261.212	354511.79	0.0266	P	1.6
4	☐	625.000	657.741	889252.04	0.0670	P	2.8
5	☐	1250.000	1255.552	1738080.34	0.1279	A	1.8
6	☐	2500.000	2516.037	3447875.51	0.2562	A	2.2
7	☐	5000.000	4985.940	6797197.42	0.5077	A	2.6
8	☐			2591.96	0.0002	P	7.1

$$y = 1.0182\text{E-}004 * x + 1.2567\text{E-}005$$

$$R = 1.0000$$

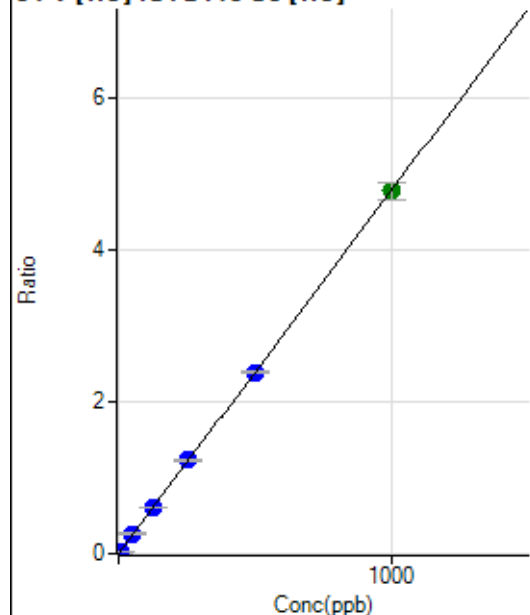
$$DL = 0.09115$$

$$BEC = 0.1234$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6.67	0.0000	P	98.7
2	☐	5.000	5.067	10111.43	0.0243	P	7.0
3	☐	50.000	55.251	100664.54	0.2649	P	3.5
4	☐	125.000	126.596	250129.33	0.6069	P	2.2
5	☐	250.000	258.761	506537.05	1.2405	P	2.4
6	☐	500.000	497.948	980234.38	2.3871	P	0.9
7	☐	1000.000	998.374	2032053.29	4.7860	A	4.6
8	☐			213.34	0.0005	P	9.8

$$y = 0.0048 * x + 1.5948\text{E-}005$$

$$R = 0.9999$$

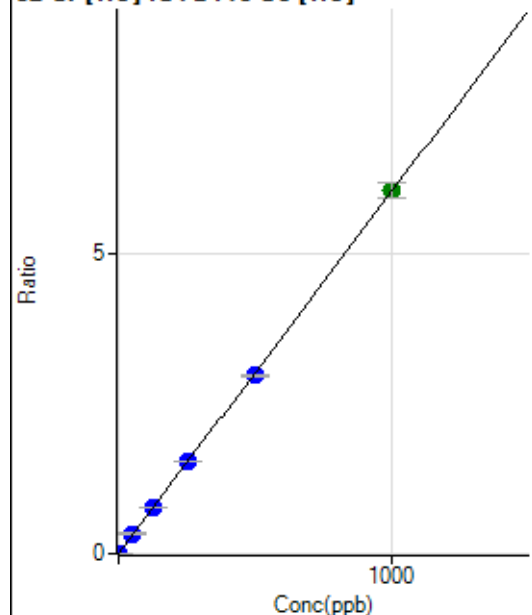
$$DL = 0.009851$$

$$BEC = 0.003327$$

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	730.03	0.0017	P	5.2
2	☐	2.000	2.078	5945.73	0.0143	P	7.8
3	☐	50.000	55.473	127999.43	0.3369	P	3.9
4	☐	125.000	126.904	316702.27	0.7684	P	1.6
5	☐	250.000	254.720	629100.84	1.5405	P	1.6
6	☐	500.000	491.954	1221085.03	2.9736	P	0.8
7	☐	1000.000	1002.331	2571877.49	6.0568	A	4.2
8	☐			9226.61	0.0210	P	7.3

$$y = 0.0060 * x + 0.0017$$

$$R = 0.9999$$

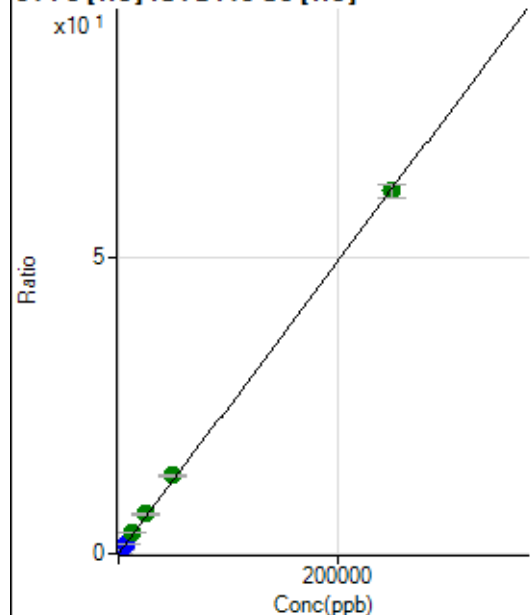
$$DL = 0.04523$$

$$BEC = 0.2889$$

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	305.57	0.0007	P	7.5
2	☐	50.000	57.134	6157.00	0.0148	P	8.6
3	☐	2500.000	2981.899	279466.29	0.7355	P	4.3
4	☐	6250.000	6870.319	698041.15	1.6937	P	2.4
5	☐	12500.000	14141.753	1423291.97	3.4855	A	2.2
6	☐	25000.000	27077.769	2740290.69	6.6732	A	0.7
7	☐	50000.000	53485.215	5598493.53	13.1805	A	2.4
8	☐	250000.00	248992.76	26998570.74	61.3572	A	3.8

$$y = 2.4642E-004 * x + 7.3112E-004$$

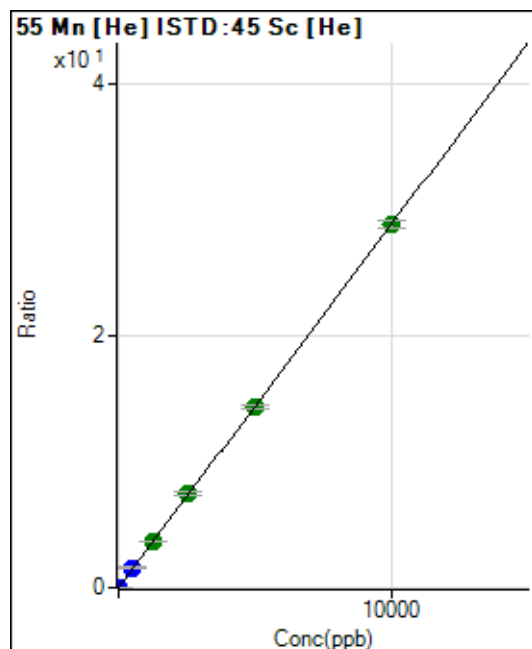
$$R = 0.9999$$

$$DL = 0.6714$$

$$BEC = 2.967$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.33	0.0001	P	2.3
2	☐	1.000	1.049	1313.41	0.0032	P	8.4
3	☐	500.000	552.865	607062.29	1.5977	P	4.4
4	☐	1250.000	1274.277	1517504.47	3.6822	A	2.8
5	☐	2500.000	2605.995	3074559.64	7.5303	A	3.1
6	☐	5000.000	4974.235	5902311.09	14.3734	A	1.3
7	☐	10000.000	9980.706	12250789.54	28.8399	A	2.1
8	☐			11201.17	0.0255	P	4.6

$$y = 0.0029 * x + 1.2751E-004$$

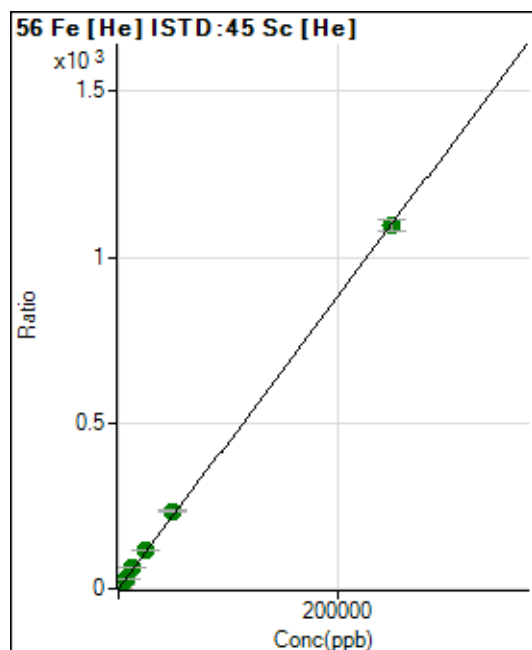
$$R = 0.9999$$

$$DL = 0.003039$$

$$BEC = 0.04413$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2353.94	0.0056	P	5.8
2	☐	50.000	55.874	104414.39	0.2511	P	7.7
3	☐	2500.000	3015.784	5037198.15	13.2543	A	3.1
4	☐	6250.000	6744.619	12215752.59	29.6354	A	1.1
5	☐	12500.000	14100.632	25294506.35	61.9510	A	3.0
6	☐	25000.000	26748.139	48254689.04	117.5127	A	2.3
7	☐	50000.000	53121.618	99119400.36	233.3739	A	2.8
8	☐	250000.00	249103.30	481590329.2	1,094.340	A	3.2

$$y = 0.0044 * x + 0.0056$$

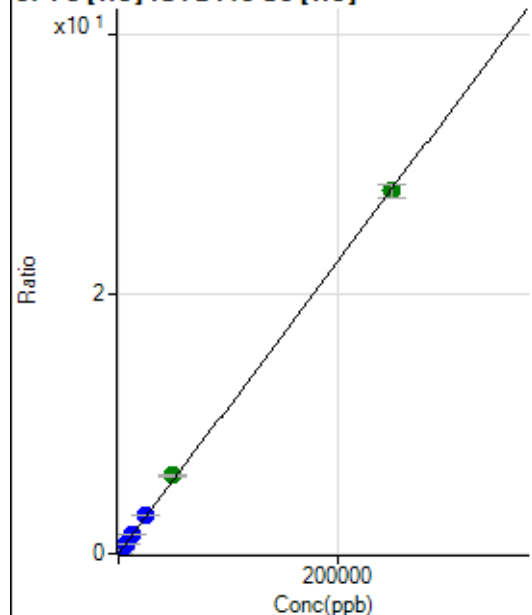
$$R = 0.9999$$

$$DL = 0.2235$$

$$BEC = 1.282$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	72.22	0.0002	P	17.5
2	☐	50.000	52.996	2542.86	0.0061	P	9.4
3	☐	2500.000	2921.154	124608.71	0.3279	P	3.0
4	☐	6250.000	6708.805	310273.26	0.7528	P	1.7
5	☐	12500.000	13677.853	626767.41	1.5346	P	0.7
6	☐	25000.000	26325.000	1212784.20	2.9534	P	0.3
7	☐	50000.000	53691.458	2558305.38	6.0234	A	2.7
8	☐	250000.00	249054.63	12295200.97	27.9395	A	3.5

$$y = 1.1218\text{E-}004 * x + 1.7304\text{E-}004$$

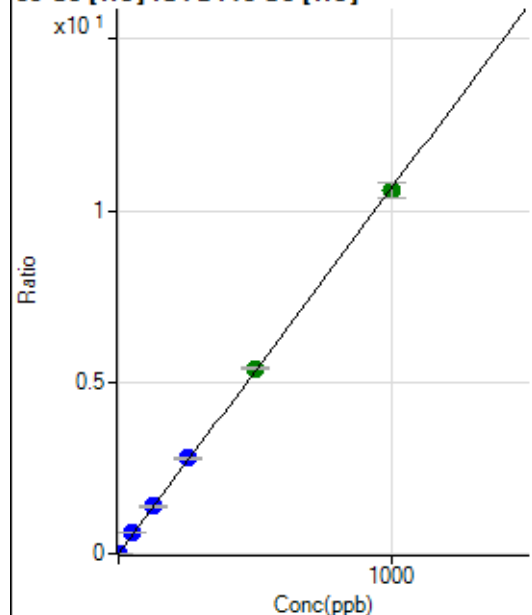
$$R = 0.9999$$

$$DL = 0.8105$$

$$BEC = 1.542$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	56.67	0.0001	P	34.1
2	☐	1.000	1.031	4613.02	0.0111	P	11.1
3	☐	50.000	56.363	228062.64	0.6002	P	3.6
4	☐	125.000	129.328	567530.59	1.3769	P	1.7
5	☐	250.000	261.414	1136460.48	2.7831	P	2.2
6	☐	500.000	506.668	2214998.42	5.3940	A	0.6
7	☐	1000.000	992.953	4488441.32	10.5708	A	4.2
8	☐			10509.51	0.0239	P	3.7

$$y = 0.0106 * x + 1.3475\text{E-}004$$

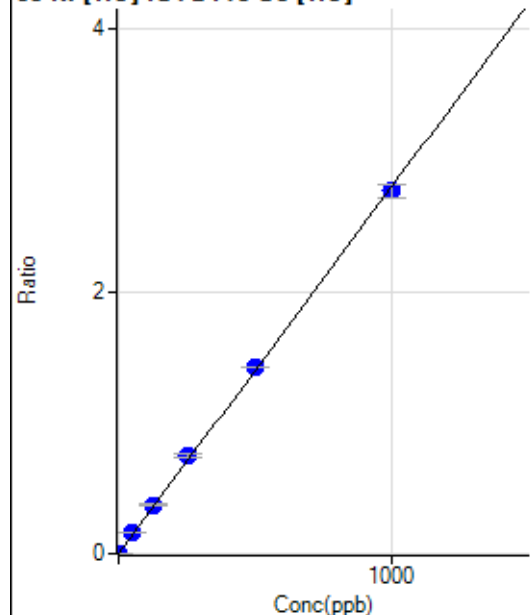
$$R = 0.9999$$

$$DL = 0.01297$$

$$BEC = 0.01266$$

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	48.89	0.0001	P	41.2
2	☐	1.000	1.115	1344.52	0.0032	P	11.6
3	☐	50.000	58.337	62083.63	0.1634	P	4.2
4	☐	125.000	132.941	153387.51	0.3722	P	2.2
5	☐	250.000	268.033	306328.21	0.7502	P	2.9
6	☐	500.000	509.282	585329.25	1.4254	P	0.6
7	☐	1000.000	989.441	1175958.66	2.7692	P	3.6
8	☐			4676.37	0.0106	P	3.5

$$y = 0.0028 * x + 1.1755E-004$$

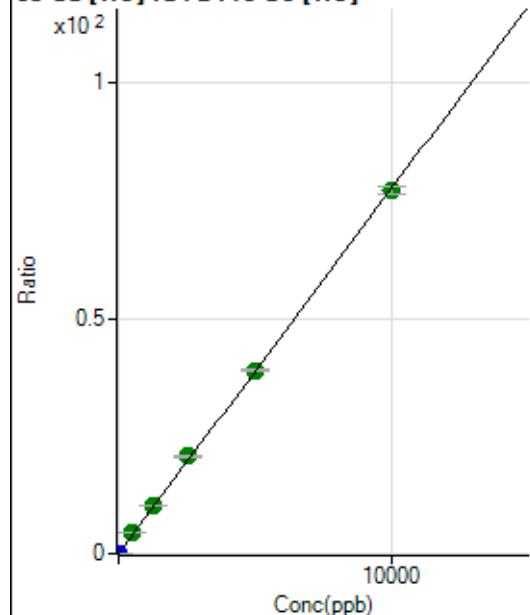
$$R = 0.9997$$

$$DL = 0.05191$$

$$BEC = 0.042$$

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	768.92	0.0018	P	5.4
2	☐	2.000	2.067	7436.46	0.0179	P	7.0
3	☐	500.000	580.246	1711803.08	4.5056	A	4.6
4	☐	1250.000	1323.283	4233668.10	10.2729	A	2.8
5	☐	2500.000	2665.389	8448402.58	20.6900	A	2.4
6	☐	5000.000	5016.454	15989568.51	38.9384	A	1.0
7	☐	10000.000	9937.253	32765091.45	77.1326	A	2.0
8	☐			7191.87	0.0163	P	2.0

$$y = 0.0078 * x + 0.0018$$

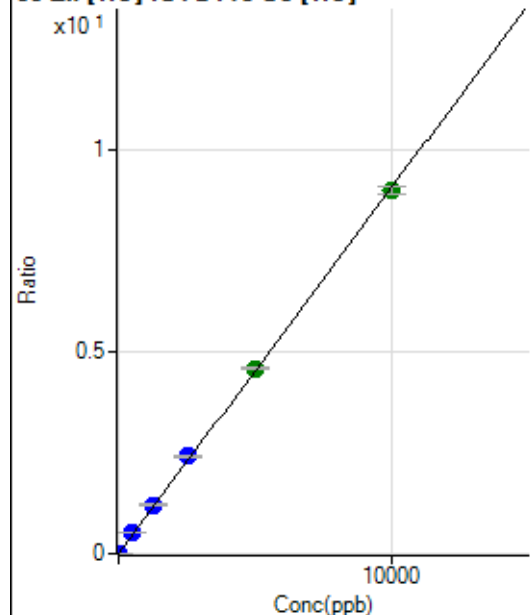
$$R = 0.9998$$

$$DL = 0.03851$$

$$BEC = 0.2366$$

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	254.45	0.0006	P	18.5
2	☐	2.000	2.490	1192.29	0.0029	P	4.4
3	☐	500.000	578.224	199286.91	0.5245	P	4.3
4	☐	1250.000	1331.963	497631.20	1.2074	P	1.9
5	☐	2500.000	2672.669	989130.56	2.4221	P	1.5
6	☐	5000.000	5059.124	1882460.84	4.5842	A	1.6
7	☐	10000.000	9913.114	3815249.35	8.9820	A	2.3
8	☐			7146.31	0.0162	P	2.2

$$y = 9.0601\text{E-}004 * x + 6.0702\text{E-}004$$

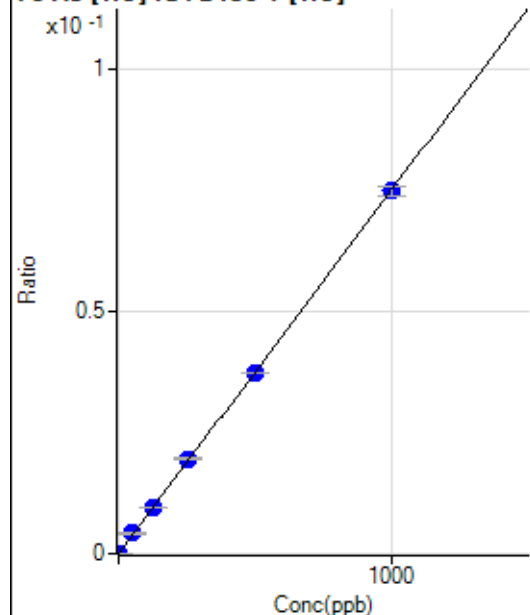
$$R = 0.9998$$

$$DL = 0.3711$$

$$BEC = 0.67$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	51.8
2	☐	1.000	0.951	219.02	0.0001	P	9.6
3	☐	50.000	55.881	11276.97	0.0042	P	2.5
4	☐	125.000	128.240	28028.13	0.0096	P	0.4
5	☐	250.000	260.682	56191.23	0.0196	P	1.2
6	☐	500.000	497.642	108636.64	0.0373	P	0.8
7	☐	1000.000	997.810	224357.71	0.0749	P	2.9
8	☐			71.68	0.0000	P	26.7

$$y = 7.5023\text{E-}005 * x + 2.8012\text{E-}006$$

$$R = 0.9999$$

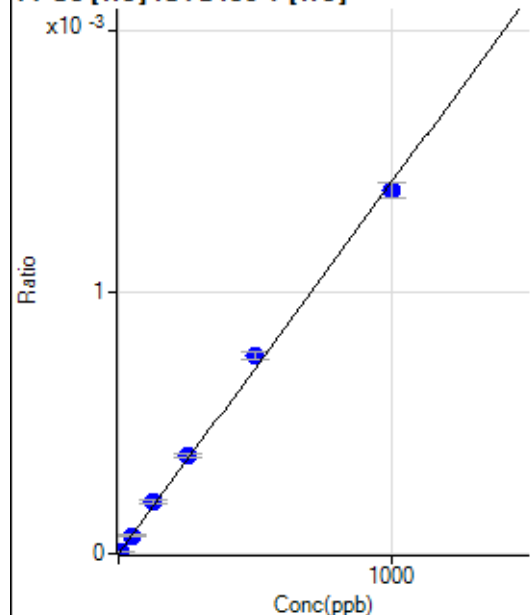
$$DL = 0.05797$$

$$BEC = 0.03734$$

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	0.00	0.0000	P	
2	☐	5.000	6.603	27.78	0.0000	P	13.5
3	☐	50.000	49.054	186.67	0.0001	P	9.6
4	☐	125.000	138.088	570.02	0.0002	P	7.4
5	☐	250.000	265.517	1081.17	0.0004	P	3.3
6	☐	500.000	534.392	2204.64	0.0008	P	4.4
7	☐	1000.000	977.328	4150.66	0.0014	P	4.2
8	☐			0.00	0.0000	P	

$$y = 1.4174\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9989$$

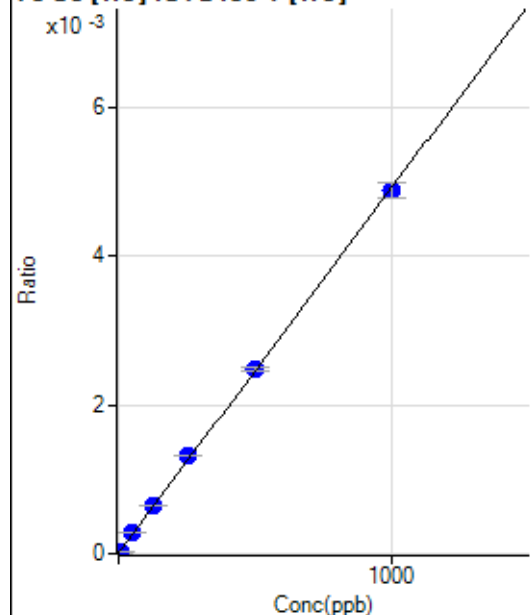
$$DL = 0$$

$$BEC = 0$$

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	21.00	0.0000	P	14.9
2	☐	5.000	5.555	102.34	0.0000	P	11.7
3	☐	50.000	56.850	770.10	0.0003	P	4.6
4	☐	125.000	128.871	1865.65	0.0006	P	0.8
5	☐	250.000	267.588	3798.90	0.0013	P	1.3
6	☐	500.000	505.676	7251.93	0.0025	P	2.1
7	☐	1000.000	991.936	14630.06	0.0049	P	4.2
8	☐			28.67	0.0000	P	13.6

$$y = 4.9153\text{E-}006 * x + 7.1461\text{E-}006$$

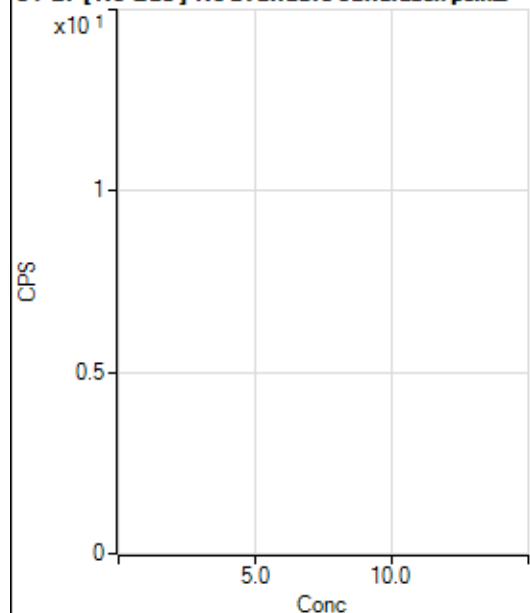
$$R = 0.9998$$

$$DL = 0.651$$

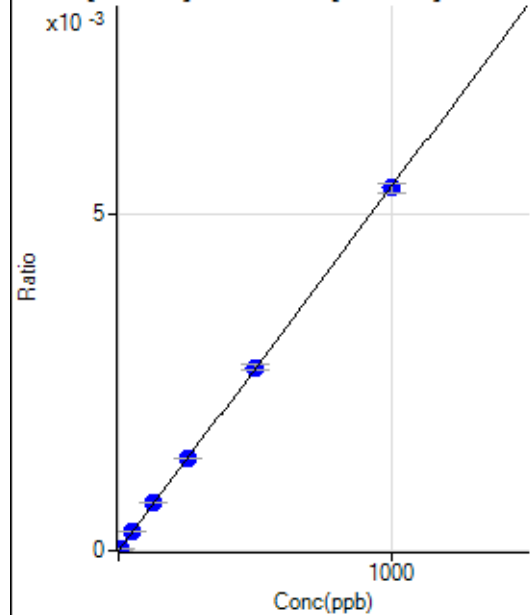
$$BEC = 1.454$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6822.02		P	2.8
2	☐			6030.89		P	6.8
3	☐			6347.97		P	7.1
4	☐			6127.68		P	3.7
5	☐			6241.19		P	7.3
6	☐			6157.71		P	0.8
7	☐			6167.73		P	4.6
8	☐			7139.20		P	4.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-4.01	0.0000	P	-949.
2	☐	5.000	5.363	866.50	0.0000	P	8.7
3	☐	50.000	52.495	8359.93	0.0003	P	2.0
4	☐	125.000	130.746	20517.25	0.0007	P	1.2
5	☐	250.000	254.415	41204.30	0.0014	P	0.6
6	☐	500.000	503.048	80019.32	0.0027	P	3.3
7	☐	1000.000	996.527	158305.91	0.0054	P	3.0
8	☐			-48.45	0.0000	P	-151.

$$y = 5.3998E-006 * x - 1.3315E-007$$

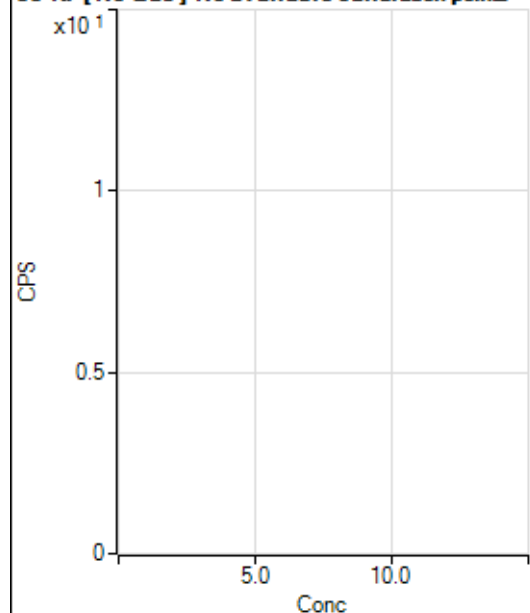
$$R = 1.0000$$

$$DL = 0.7027$$

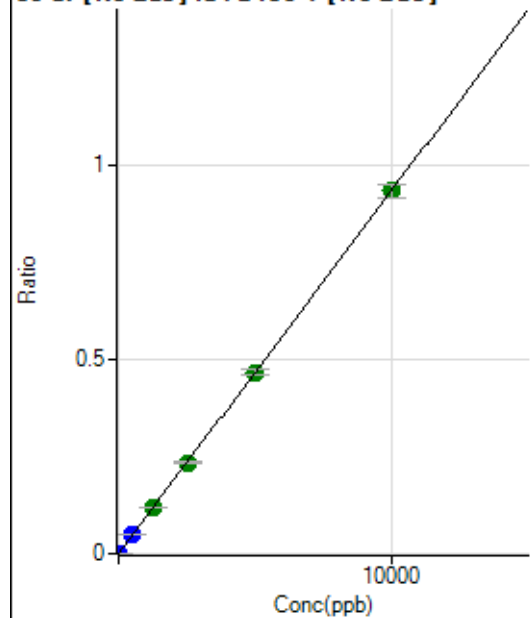
$$BEC = -0.02466$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			597.80		P	4.2
2	☐			536.68		P	9.3
3	☐			577.80		P	8.1
4	☐			558.91		P	8.7
5	☐			586.69		P	2.0
6	☐			584.46		P	5.4
7	☐			634.47		P	4.3
8	☐			667.80		P	8.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1030.63	0.0000	P	5.8
2	☐	1.000	1.074	4039.58	0.0001	P	0.6
3	☐	500.000	515.331	1421562.41	0.0482	P	1.1
4	☐	1250.000	1277.132	3469053.03	0.1193	A	1.7
5	☐	2500.000	2514.249	7046841.30	0.2349	A	0.2
6	☐	5000.000	4992.875	13741765.24	0.4665	A	3.6
7	☐	10000.000	9995.842	27470625.96	0.9339	A	4.0
8	☐			11110.27	0.0004	P	3.7

$$y = 9.3424\text{E-}005 * x + 3.4113\text{E-}005$$

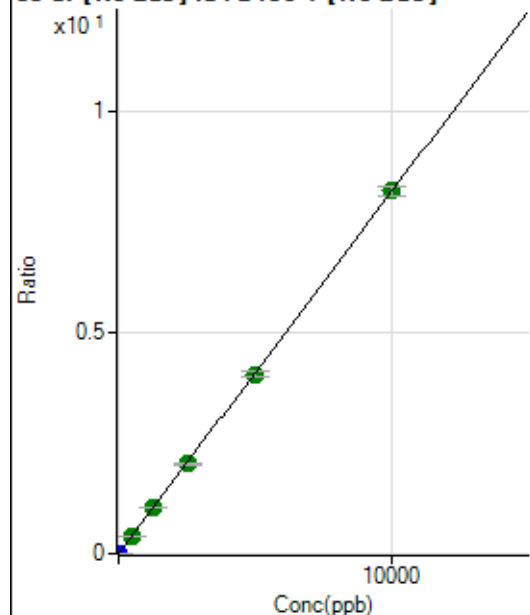
$$R = 1.0000$$

$$DL = 0.06385$$

$$BEC = 0.3651$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	552.81	0.0000	P	17.3
2	☐	1.000	1.093	27377.40	0.0009	P	4.8
3	☐	500.000	499.646	12058915.72	0.4087	A	1.4
4	☐	1250.000	1259.216	29938597.55	1.0300	A	0.7
5	☐	2500.000	2474.870	60726299.97	2.0243	A	1.7
6	☐	5000.000	4951.200	119311226.2	4.0499	A	3.0
7	☐	10000.000	10029.548	241353769.2	8.2037	A	2.9
8	☐			90920.73	0.0031	P	4.1

$$y = 8.1795\text{E-}004 * x + 1.8298\text{E-}005$$

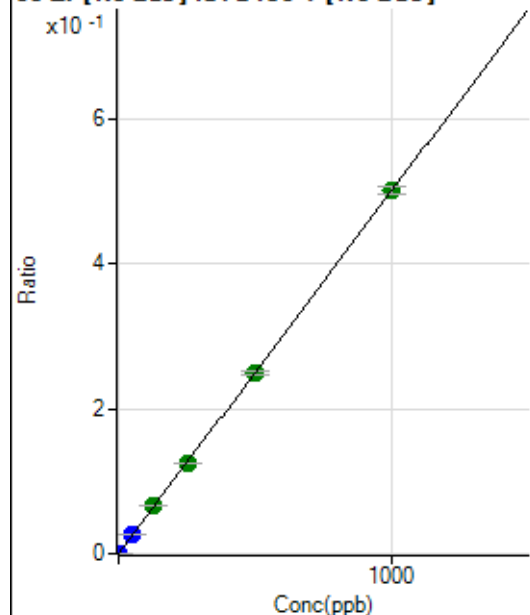
$$R = 1.0000$$

$$DL = 0.01162$$

$$BEC = 0.02237$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1594.58	0.0001	P	5.1
2	☐	1.000	0.972	16184.77	0.0005	P	5.3
3	☐	50.000	51.504	761923.89	0.0258	P	1.9
4	☐	125.000	131.371	1912272.66	0.0658	A	0.9
5	☐	250.000	250.067	3754842.01	0.1252	A	0.7
6	☐	500.000	497.735	7339145.91	0.2491	A	2.8
7	☐	1000.000	1000.244	14728048.07	0.5006	A	2.2
8	☐			4873.22	0.0002	P	3.5

$$y = 5.0038\text{E-}004 * x + 5.2799\text{E-}005$$

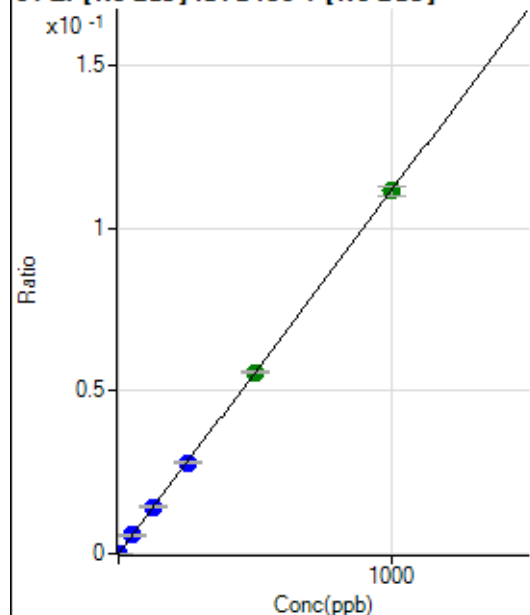
$$R = 1.0000$$

$$DL = 0.01626$$

$$BEC = 0.1055$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	308.35	0.0000	P	17.2
2	☐	1.000	0.948	3481.08	0.0001	P	7.4
3	☐	50.000	50.271	165907.39	0.0056	P	2.0
4	☐	125.000	129.489	420555.51	0.0145	P	0.7
5	☐	250.000	250.230	838367.81	0.0280	P	1.5
6	☐	500.000	500.019	1645513.93	0.0558	A	1.5
7	☐	1000.000	999.358	3283283.47	0.1116	A	2.6
8	☐			1005.62	0.0000	P	15.9

$$y = 1.1166\text{E-}004 * x + 1.0212\text{E-}005$$

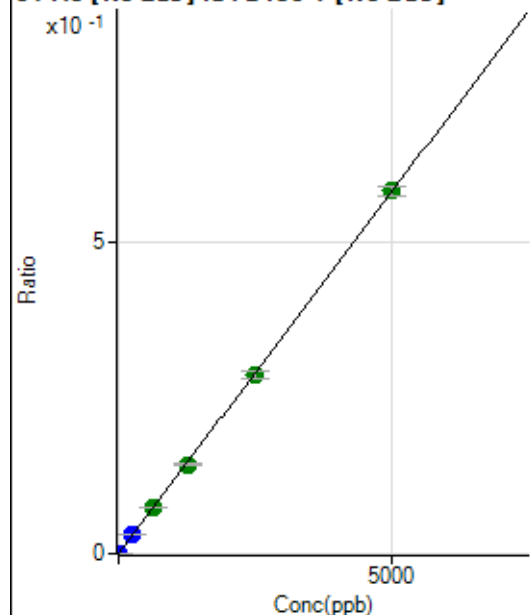
$$R = 1.0000$$

$$DL = 0.04708$$

$$BEC = 0.09146$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	544.47	0.0000	P	2.4
2	☐	5.000	5.165	18571.21	0.0006	P	4.0
3	☐	250.000	254.413	873411.66	0.0296	P	1.4
4	☐	625.000	646.075	2184168.15	0.0751	A	0.8
5	☐	1250.000	1234.720	4306874.62	0.1436	A	1.3
6	☐	2500.000	2467.334	8450574.76	0.2869	A	4.6
7	☐	5000.000	5017.298	17164483.37	0.5834	A	3.0
8	☐			4320.26	0.0001	P	6.3

$$y = 1.1628\text{E-}004 * x + 1.8023\text{E-}005$$

$$R = 0.9999$$

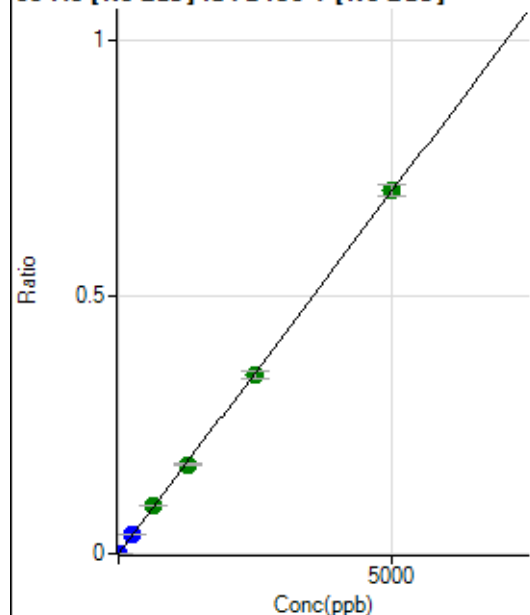
$$DL = 0.01134$$

$$BEC = 0.155$$

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	36.11	0.0000	P	47.5
2	☐	5.000	5.152	21823.19	0.0007	P	2.2
3	☐	250.000	256.762	1066946.14	0.0362	P	1.6
4	☐	625.000	653.525	2675181.92	0.0920	A	0.5
5	☐	1250.000	1234.959	5216205.50	0.1739	A	2.3
6	☐	2500.000	2474.591	10265462.21	0.3485	A	3.9
7	☐	5000.000	5012.561	20767175.46	0.7059	A	3.1
8	☐			4856.55	0.0002	P	9.2

$$y = 1.4083\text{E-}004 * x + 1.1926\text{E-}006$$

$$R = 1.0000$$

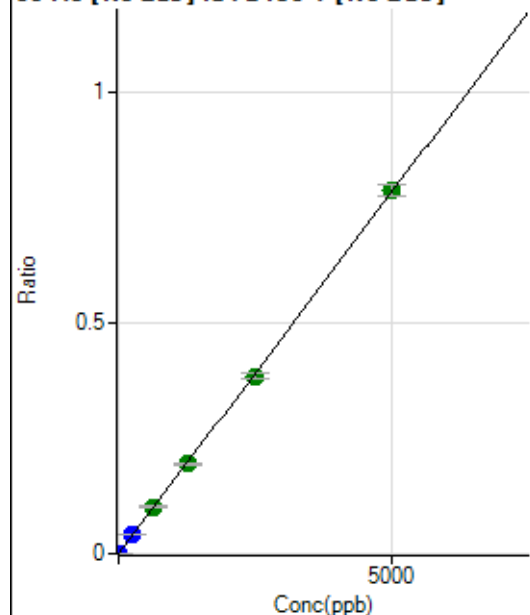
$$DL = 0.01206$$

$$BEC = 0.008468$$

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	175.01	0.0000	P	12.9
2	☐	5.000	5.107	24202.21	0.0008	P	5.9
3	☐	250.000	255.193	1180425.72	0.0400	P	1.3
4	☐	625.000	648.669	2955751.61	0.1017	A	1.1
5	☐	1250.000	1240.339	5831608.98	0.1944	A	1.7
6	☐	2500.000	2453.148	11328963.71	0.3845	A	2.9
7	☐	5000.000	5022.623	23163304.86	0.7873	A	3.0
8	☐			7560.59	0.0003	P	3.9

$$y = 1.5675\text{E-}004 * x + 5.7952\text{E-}006$$

$$R = 0.9999$$

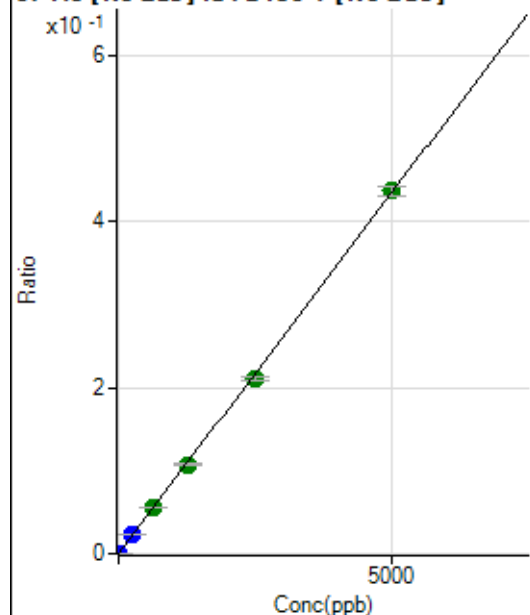
$$DL = 0.01427$$

$$BEC = 0.03697$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	33.7
2	☐	5.000	5.060	13215.04	0.0004	P	2.0
3	☐	250.000	256.506	657038.52	0.0223	P	0.4
4	☐	625.000	643.579	1623855.54	0.0559	A	1.1
5	☐	1250.000	1239.507	3227387.85	0.1076	A	0.6
6	☐	2500.000	2434.338	6226058.99	0.2113	A	2.7
7	☐	5000.000	5032.807	12853344.99	0.4369	A	2.9
8	☐			2628.11	0.0001	P	6.5

$$y = 8.6805\text{E-}005 * x + 8.2860\text{E-}007$$

$$R = 0.9999$$

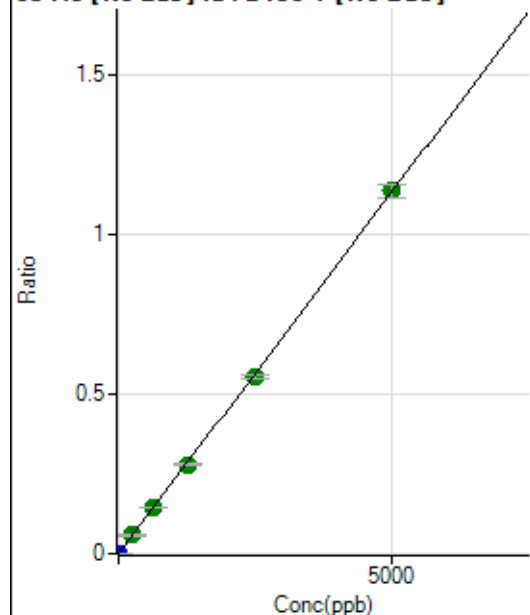
$$DL = 0.009641$$

$$BEC = 0.009545$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0000	P	37.7
2	☐	5.000	5.006	34128.82	0.0011	P	3.7
3	☐	250.000	254.509	1702022.24	0.0577	A	1.5
4	☐	625.000	642.590	4233380.30	0.1456	A	0.8
5	☐	1250.000	1231.042	8368326.75	0.2790	A	2.2
6	☐	2500.000	2455.688	16400861.30	0.5566	A	1.8
7	☐	5000.000	5024.471	33499839.29	1.1388	A	3.7
8	☐			6732.35	0.0002	P	2.2

$$y = 2.2665\text{E-}004 * x + 2.2949\text{E-}006$$

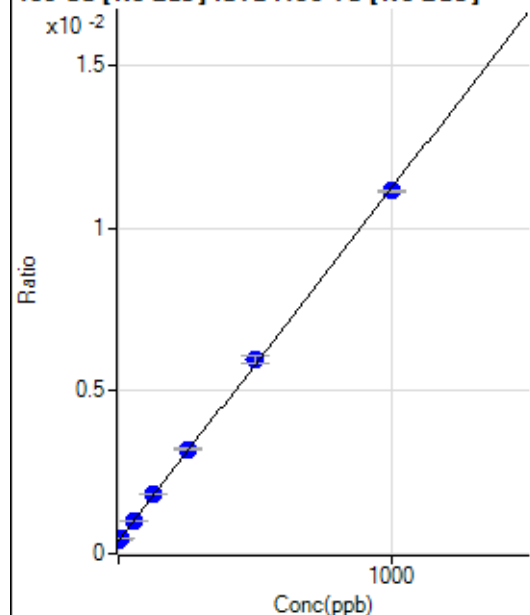
$$R = 0.9999$$

$$DL = 0.01146$$

$$BEC = 0.01013$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9456.29	0.0004	P	2.1
2	☐	1.000	1.527	9653.63	0.0005	P	3.5
3	☐	50.000	52.763	21005.43	0.0010	P	1.6
4	☐	125.000	130.402	38351.33	0.0018	P	1.5
5	☐	250.000	256.576	69893.89	0.0032	P	2.6
6	☐	500.000	512.782	125959.60	0.0060	P	3.8
7	☐	1000.000	991.151	241804.56	0.0112	P	0.5
8	☐			8614.05	0.0004	P	2.2

$$y = 1.0809\text{E-}005 * x + 4.3787\text{E-}004$$

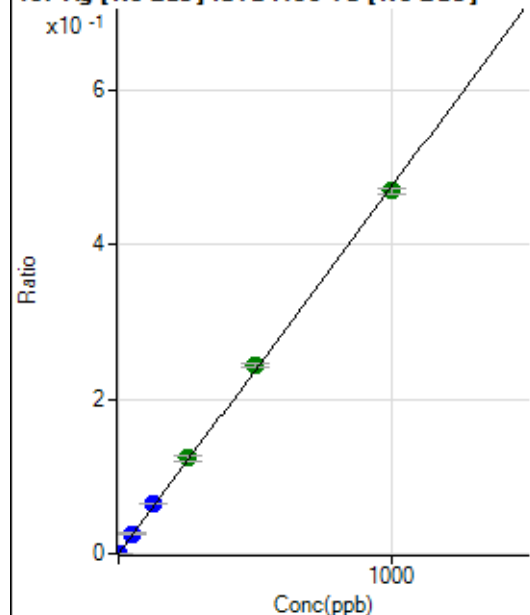
$$R = 0.9999$$

$$DL = 2.559$$

$$BEC = 40.51$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	150.01	0.0000	P	20.3
2	☐	1.000	1.006	10273.57	0.0005	P	2.5
3	☐	50.000	54.890	542278.53	0.0260	P	2.1
4	☐	125.000	136.328	1341474.07	0.0646	P	2.9
5	☐	250.000	259.604	2678336.13	0.1231	A	4.7
6	☐	500.000	514.342	5137401.85	0.2439	A	1.7
7	☐	1000.000	988.768	10165159.60	0.4688	A	1.3
8	☐			2264.14	0.0001	P	3.9

$$y = 4.7410\text{E-}004 * x + 6.9531\text{E-}006$$

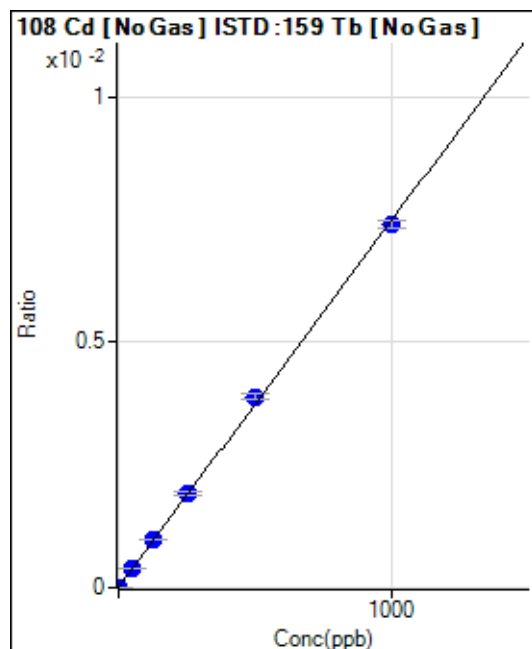
$$R = 0.9998$$

$$DL = 0.008923$$

$$BEC = 0.01467$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	70.83	0.0000	P	10.2
2	☐	1.000	0.789	195.84	0.0000	P	16.5
3	☐	50.000	52.504	8251.19	0.0004	P	1.9
4	☐	125.000	132.492	20640.59	0.0010	P	0.5
5	☐	250.000	254.881	41554.37	0.0019	P	3.9
6	☐	500.000	519.621	81931.84	0.0039	P	2.8
7	☐	1000.000	987.908	160287.61	0.0074	P	2.1
8	☐			90.28	0.0000	P	13.5

$$y = 7.4791\text{E-}006 * x + 3.2774\text{E-}006$$

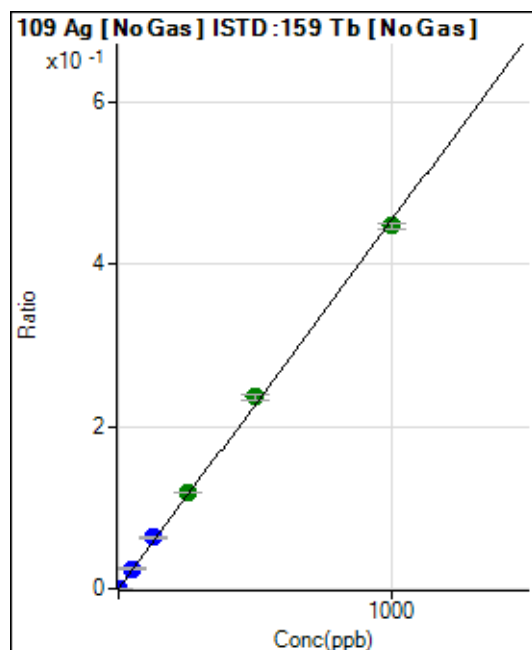
$$R = 0.9997$$

$$DL = 0.1344$$

$$BEC = 0.4382$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	67.4
2	☐	1.000	1.019	9834.35	0.0005	P	9.6
3	☐	50.000	54.543	515259.73	0.0247	P	1.7
4	☐	125.000	138.636	1304725.64	0.0629	P	1.4
5	☐	250.000	260.110	2568198.19	0.1179	A	0.4
6	☐	500.000	520.051	4966873.64	0.2358	A	2.6
7	☐	1000.000	985.516	9689111.59	0.4468	A	1.8
8	☐			2097.44	0.0001	P	3.1

$$y = 4.5339\text{E-}004 * x + 1.8173\text{E-}006$$

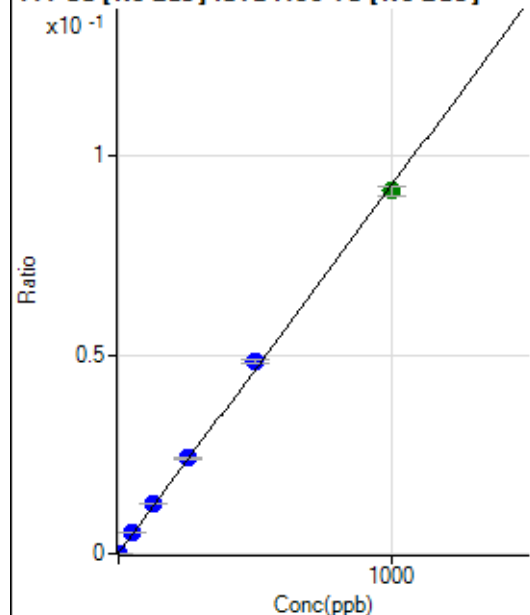
$$R = 0.9996$$

$$DL = 0.008108$$

$$BEC = 0.004008$$

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	1884.73	0.0001	P	2.1
2	☐	1.000	1.168	4149.43	0.0002	P	5.0
3	☐	50.000	54.389	106765.73	0.0051	P	1.5
4	☐	125.000	135.298	261886.22	0.0126	P	2.2
5	☐	250.000	259.627	525353.11	0.0241	P	1.8
6	☐	500.000	521.322	1018977.69	0.0484	P	2.3
7	☐	1000.000	985.426	1980939.31	0.0914	A	2.4
8	☐			2234.63	0.0001	P	3.4

$$y = 9.2616\text{E-}005 * x + 8.7272\text{E-}005$$

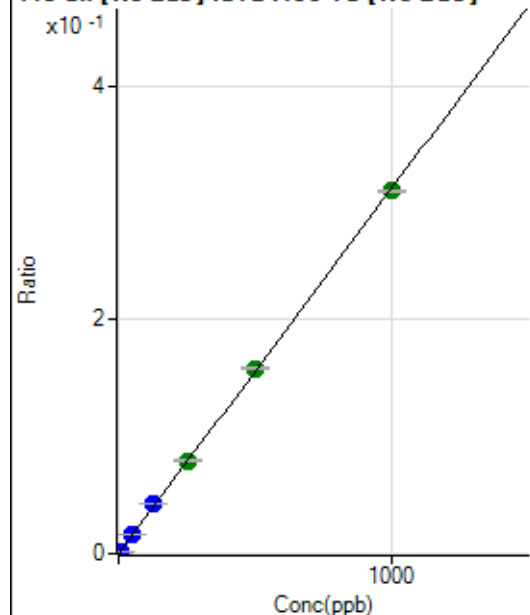
$$R = 0.9996$$

$$DL = 0.06$$

$$BEC = 0.9423$$

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	875.06	0.0000	P	6.0
2	☐	5.000	5.068	34455.13	0.0016	P	4.6
3	☐	50.000	52.530	342590.97	0.0164	P	1.9
4	☐	125.000	135.534	879292.12	0.0424	P	1.9
5	☐	250.000	253.377	1723350.76	0.0792	A	1.9
6	☐	500.000	507.831	3341772.51	0.1586	A	1.7
7	☐	1000.000	993.797	6730421.46	0.3104	A	0.4
8	☐			2983.75	0.0001	P	5.1

$$y = 3.1227\text{E-}004 * x + 4.0549\text{E-}005$$

$$R = 0.9999$$

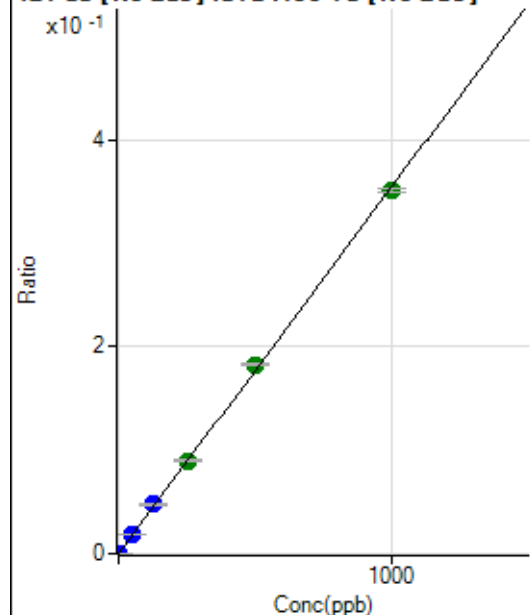
$$DL = 0.02353$$

$$BEC = 0.1298$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.55	0.0000	P	70.0
2	☐	2.000	1.983	14955.81	0.0007	P	5.2
3	☐	50.000	52.593	388438.33	0.0186	P	1.8
4	☐	125.000	134.328	988464.55	0.0476	P	1.4
5	☐	250.000	254.170	1961542.62	0.0901	A	1.4
6	☐	500.000	515.633	3851248.96	0.1828	A	1.2
7	☐	1000.000	989.846	7608616.40	0.3509	A	1.2
8	☐			3008.76	0.0001	P	3.2

$$y = 3.5448\text{E-}004 * x + 1.4255\text{E-}006$$

$$R = 0.9998$$

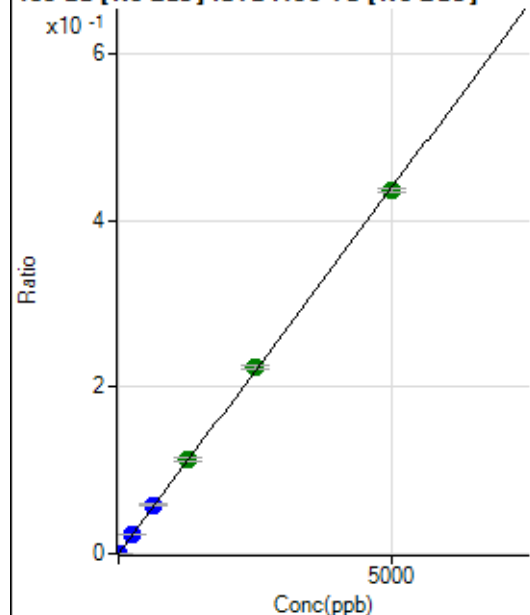
$$DL = 0.008447$$

$$BEC = 0.004022$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	65.3
2	☐	10.000	10.336	19372.69	0.0009	P	2.5
3	☐	250.000	260.842	477311.41	0.0229	P	2.0
4	☐	625.000	669.097	1219685.10	0.0588	P	1.8
5	☐	1250.000	1283.876	2454152.64	0.1128	A	2.7
6	☐	2500.000	2552.442	4721989.17	0.2242	A	2.7
7	☐	5000.000	4959.255	9443972.61	0.4355	A	0.9
8	☐			3372.74	0.0002	P	6.3

$$y = 8.7818\text{E-}005 * x + 4.2588\text{E-}006$$

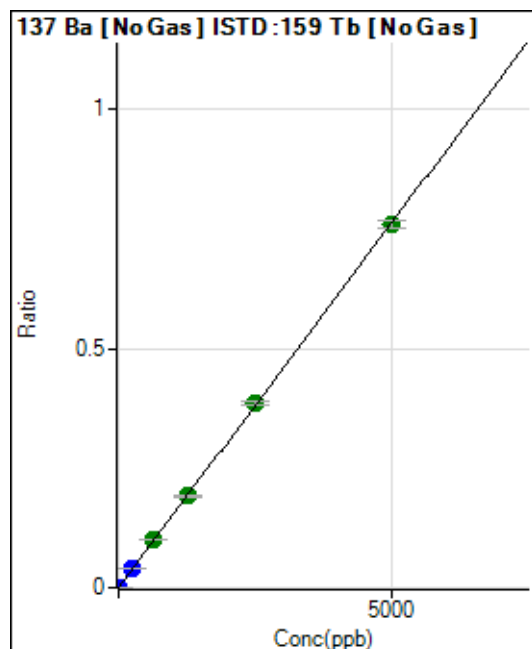
$$R = 0.9999$$

$$DL = 0.09506$$

$$BEC = 0.0485$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	54.5
2	☐	10.000	10.323	33503.51	0.0016	P	1.9
3	☐	250.000	266.012	845430.78	0.0406	P	1.4
4	☐	625.000	654.783	2073215.84	0.0999	A	1.4
5	☐	1250.000	1259.045	4180901.65	0.1920	A	1.7
6	☐	2500.000	2534.486	8144160.34	0.3866	A	2.3
7	☐	5000.000	4975.972	16458567.73	0.7590	A	2.0
8	☐			6109.88	0.0003	P	2.5

$$y = 1.5253E-004 * x + 2.4310E-006$$

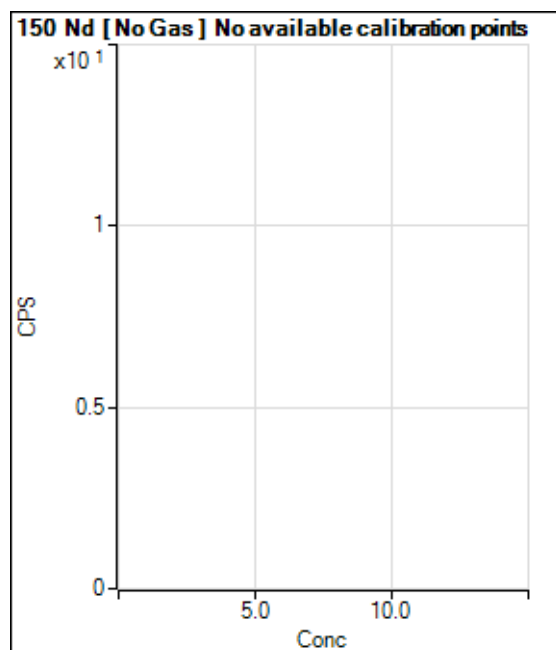
$$R = 1.0000$$

$$DL = 0.02604$$

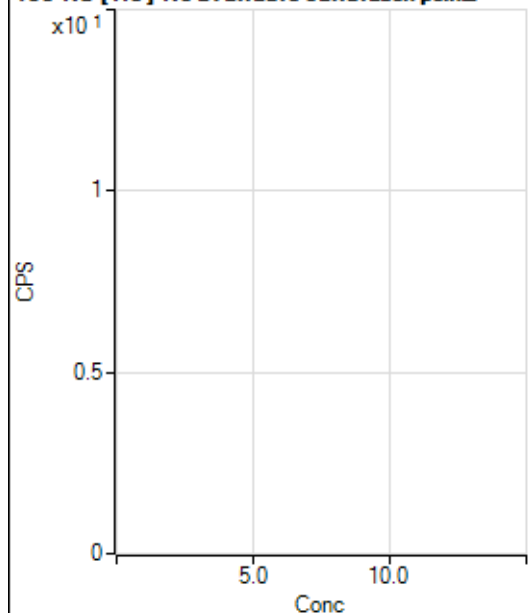
$$BEC = 0.01594$$

Weight: <None>

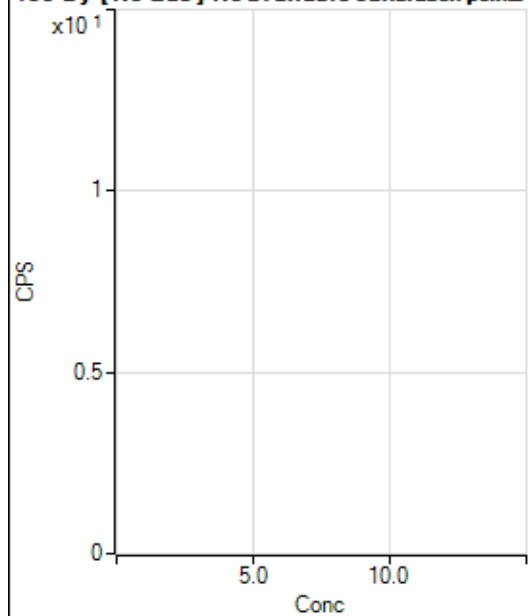
Min Conc: 0



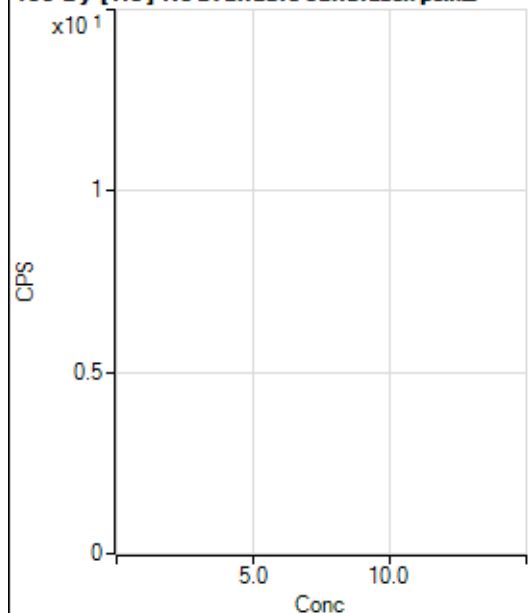
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	43.3
2	☐			6.67		P	0.0
3	☐			40.00		P	86.6
4	☐			64.45		P	6.0
5	☐			166.67		P	46.1
6	☐			302.23		P	6.4
7	☐			486.69		P	4.7
8	☐			46.67		P	42.9

150 Nd [He] No available calibration points

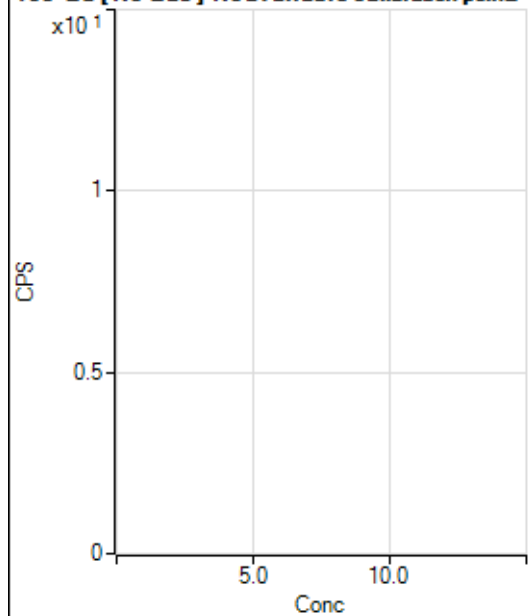
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			1.11		P	173.2
3	☐			6.67		P	100.0
4	☐			11.11		P	62.5
5	☐			22.22		P	31.2
6	☐			41.11		P	59.8
7	☐			93.33		P	28.6
8	☐			5.55		P	124.9

156 Dy [No Gas] No available calibration points

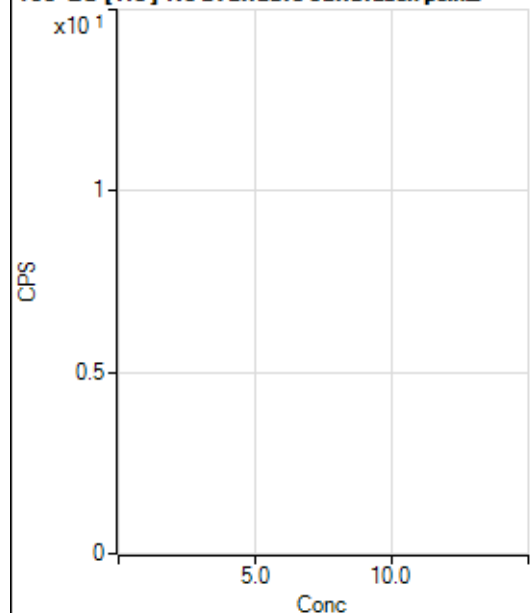
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	0.0
2	☐			30.56		P	31.5
3	☐			36.11		P	58.1
4	☐			94.45		P	36.7
5	☐			111.12		P	56.3
6	☐			305.57		P	6.3
7	☐			522.24		P	4.0
8	☐			1419.56		P	8.0

156 Dy [He] No available calibration points

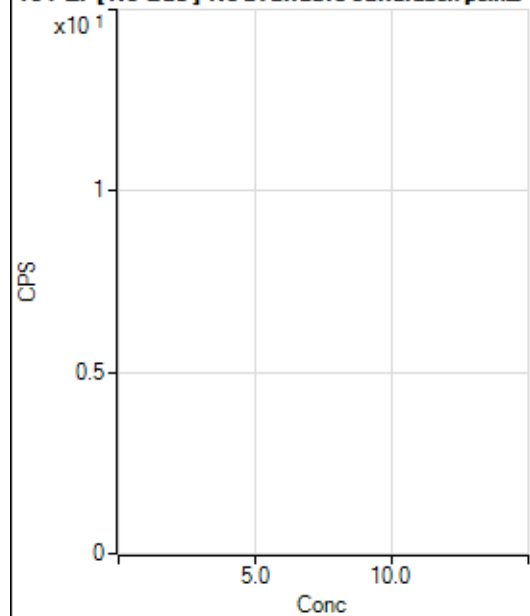
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	49.5
2	☐			2.22		P	86.6
3	☐			17.78		P	60.3
4	☐			24.45		P	28.4
5	☐			60.00		P	24.2
6	☐			87.78		P	4.4
7	☐			187.78		P	9.8
8	☐			636.69		P	4.5

160 Gd [No Gas] Noavailable calibration poin_

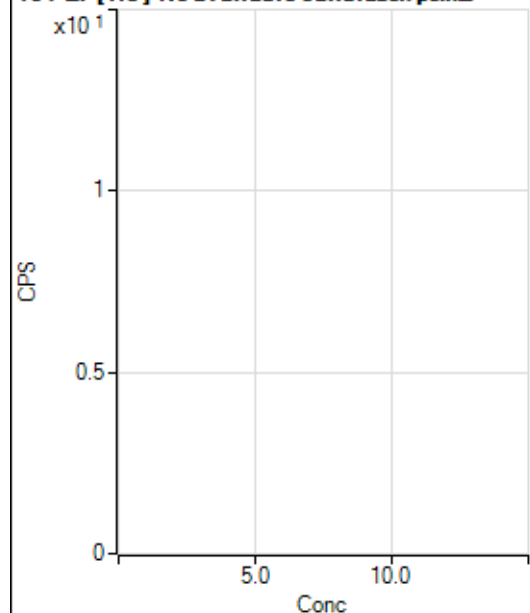
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			191.67		P	50.1
2	☐			147.22		P	14.2
3	☐			211.12		P	16.0
4	☐			216.67		P	36.7
5	☐			263.90		P	27.2
6	☐			338.90		P	14.4
7	☐			663.92		P	4.8
8	☐			1589.02		P	5.8

160 Gd [He] No available calibration points

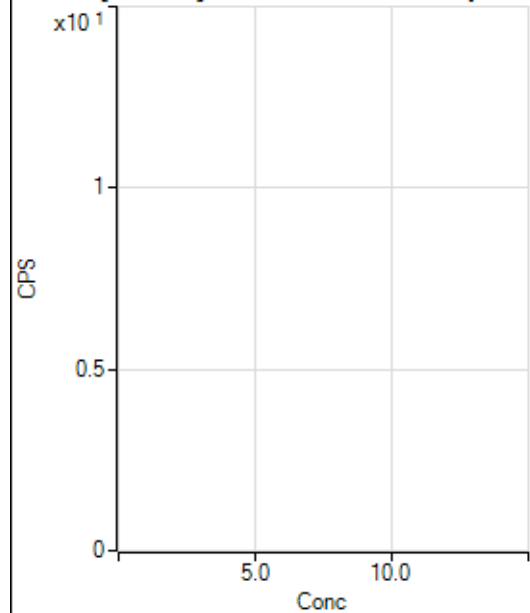
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.89		P	52.6
2	☐			44.44		P	26.3
3	☐			50.00		P	0.0
4	☐			65.56		P	15.5
5	☐			105.56		P	14.9
6	☐			147.78		P	4.7
7	☐			261.12		P	11.6
8	☐			736.70		P	8.6

164 Er [No Gas] No available calibration points

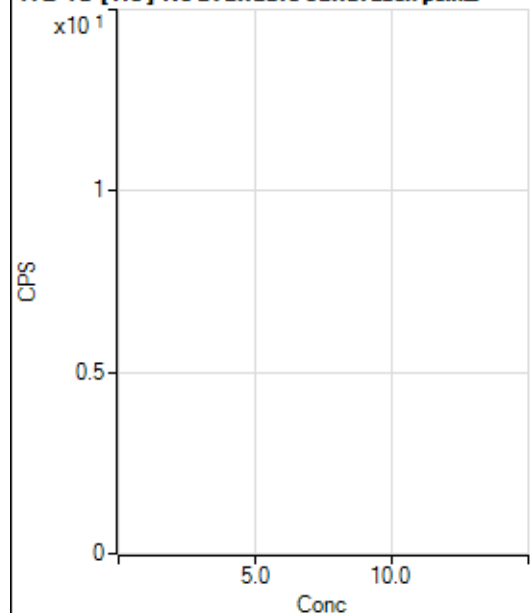
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			125.00		P	24.0
2	☐			122.23		P	14.2
3	☐			125.00		P	17.6
4	☐			122.22		P	37.6
5	☐			147.23		P	42.5
6	☐			183.34		P	12.0
7	☐			222.23		P	5.7
8	☐			327.79		P	8.2

164 Er [He] No available calibration points

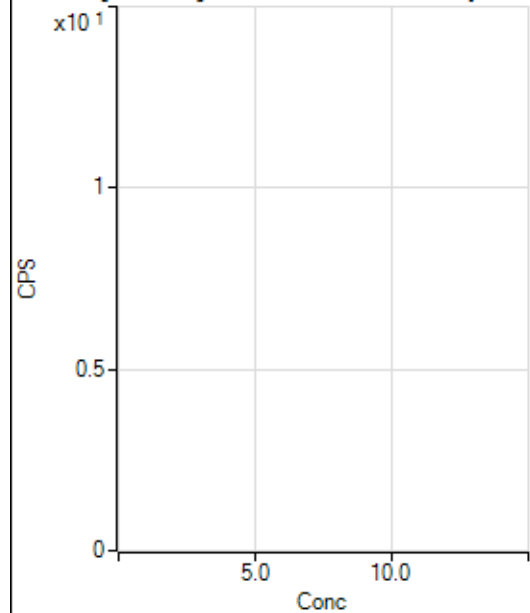
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			71.11		P	21.7
2	☐			47.78		P	28.2
3	☐			38.89		P	9.9
4	☐			55.56		P	39.9
5	☐			71.11		P	19.5
6	☐			74.44		P	29.1
7	☐			84.44		P	6.0
8	☐			147.78		P	13.6

172 Yb [No Gas] No available calibration points

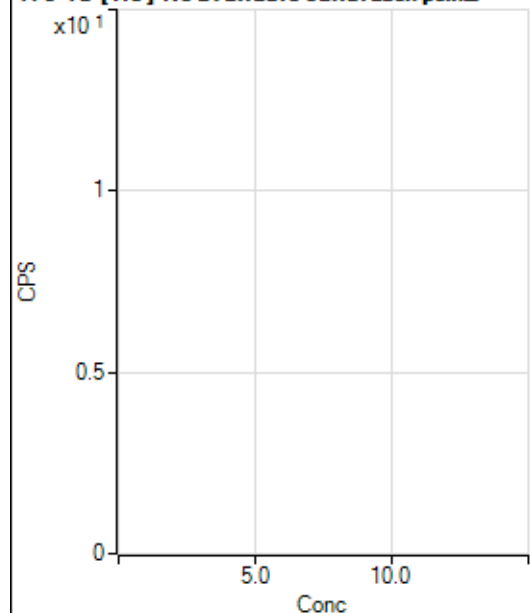
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	91.7
2	☐			41.67		P	20.0
3	☐			72.23		P	54.5
4	☐			27.78		P	69.3
5	☐			36.11		P	66.6
6	☐			55.56		P	48.2
7	☐			36.11		P	70.5
8	☐			100.00		P	22.0

172 Yb [He] No available calibration points

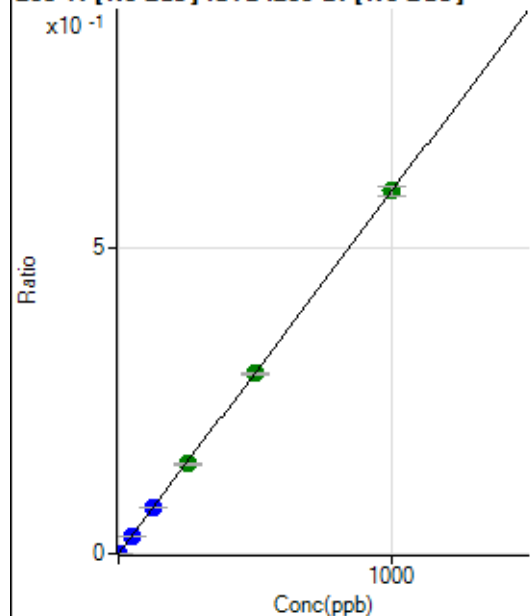
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.07		P	66.6
2	☐			20.37		P	31.5
3	☐			20.37		P	31.5
4	☐			18.52		P	75.5
5	☐			20.37		P	68.6
6	☐			24.07		P	13.3
7	☐			27.78		P	91.6
8	☐			42.59		P	15.1

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2528.11		P	10.1
2	☐			2550.31		P	4.0
3	☐			3959.04		P	2.3
4	☐			6273.92		P	3.7
5	☐			10209.81		P	5.9
6	☐			17773.63		P	2.0
7	☐			33398.37		P	1.4
8	☐			2397.52		P	5.5

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1803.86		P	4.2
2	☐			1609.39		P	14.2
3	☐			2127.99		P	2.7
4	☐			2985.58		P	1.7
5	☐			4847.29		P	3.3
6	☐			7646.79		P	1.2
7	☐			14098.46		P	1.4
8	☐			1622.35		P	18.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	402.80	0.0000	P	13.8
2	☐	1.000	0.956	7702.53	0.0006	P	3.0
3	☐	50.000	48.478	367758.23	0.0288	P	0.6
4	☐	125.000	127.342	921466.39	0.0756	P	2.5
5	☐	250.000	248.060	1907230.71	0.1472	A	1.6
6	☐	500.000	497.374	3683997.26	0.2951	A	0.9
7	☐	1000.000	1001.582	7453482.81	0.5942	A	2.4
8	☐			861.16	0.0001	P	26.4

$$y = 5.9320\text{E-}004 * x + 3.1103\text{E-}005$$

$$R = 1.0000$$

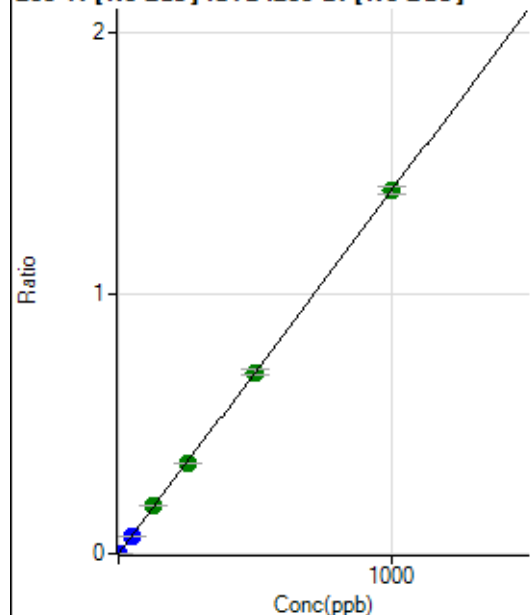
$$DL = 0.02174$$

$$BEC = 0.05243$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	869.50	0.0001	P	17.1
2	☐	1.000	0.959	18071.40	0.0014	P	4.4
3	☐	50.000	50.022	891154.86	0.0698	P	0.3
4	☐	125.000	131.073	2227523.05	0.1827	A	1.5
5	☐	250.000	249.919	4513072.71	0.3482	A	0.9
6	☐	500.000	499.062	8679301.50	0.6953	A	3.2
7	☐	1000.000	999.729	17473052.99	1.3929	A	2.1
8	☐			2050.22	0.0002	P	7.8

$$y = 0.0014 * x + 6.6974E-005$$

$$R = 1.0000$$

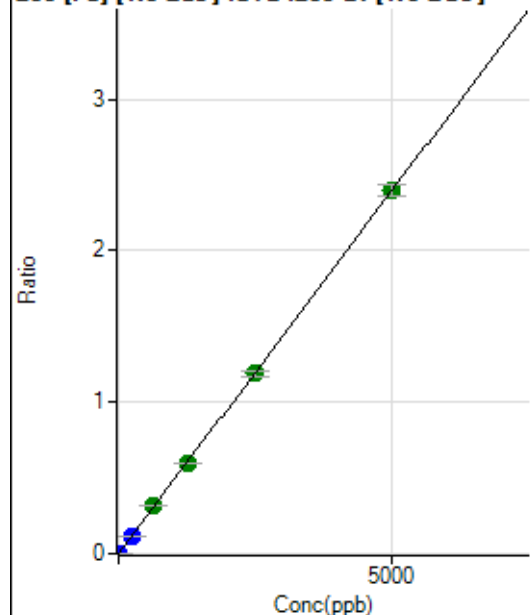
$$DL = 0.02462$$

$$BEC = 0.04807$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	651.88	0.0001	P	3.4
2	☐	1.000	0.979	6668.52	0.0005	P	7.9
3	☐	250.000	244.315	1493439.03	0.1169	P	1.6
4	☐	625.000	655.961	3826714.06	0.3138	A	1.3
5	☐	1250.000	1247.879	7736060.30	0.5969	A	0.7
6	☐	2500.000	2484.262	14832312.60	1.1883	A	3.2
7	☐	5000.000	5004.814	30028425.21	2.3940	A	3.2
8	☐			8417.70	0.0008	P	4.3

$$y = 4.7833E-004 * x + 5.0240E-005$$

$$R = 1.0000$$

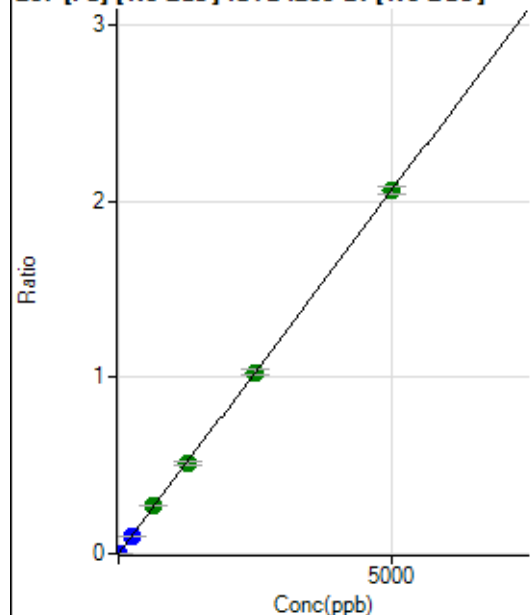
$$DL = 0.0107$$

$$BEC = 0.105$$

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	531.51	0.0000	P	10.5
2	☐	1.000	0.988	5773.60	0.0004	P	4.7
3	☐	250.000	245.523	1294116.12	0.1013	P	1.8
4	☐	625.000	664.768	3344079.50	0.2742	A	0.5
5	☐	1250.000	1244.254	6650768.67	0.5133	A	2.2
6	☐	2500.000	2499.238	12868210.82	1.0309	A	2.6
7	☐	5000.000	4997.070	25857368.63	2.0612	A	2.1
8	☐			7128.03	0.0006	P	4.5

$$y = 4.1248\text{E-}004 * x + 4.1016\text{E-}005$$

$$R = 1.0000$$

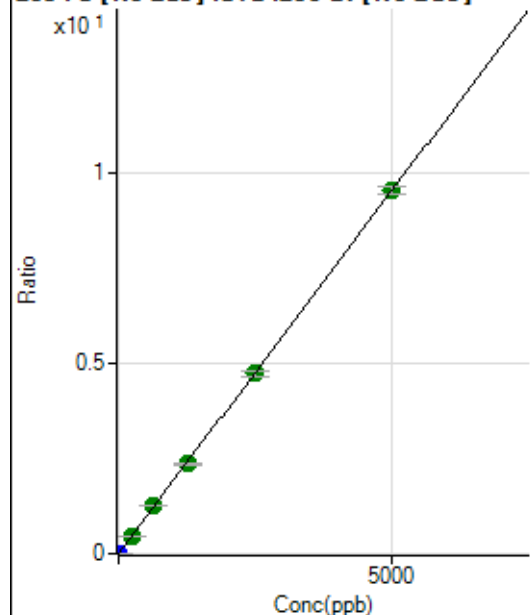
$$DL = 0.03133$$

$$BEC = 0.09944$$

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	2529.78	0.0002	P	3.6
2	☐	1.000	0.958	25993.87	0.0020	P	4.3
3	☐	250.000	249.516	6074278.97	0.4755	A	0.9
4	☐	625.000	652.350	15155787.54	1.2429	A	0.4
5	☐	1250.000	1237.976	30562553.87	2.3585	A	1.2
6	☐	2500.000	2490.678	59223533.61	4.7448	A	3.0
7	☐	5000.000	5004.272	119588192.9	9.5331	A	2.2
8	☐			33156.04	0.0030	P	3.1

$$y = 0.0019 * x + 1.9504\text{E-}004$$

$$R = 1.0000$$

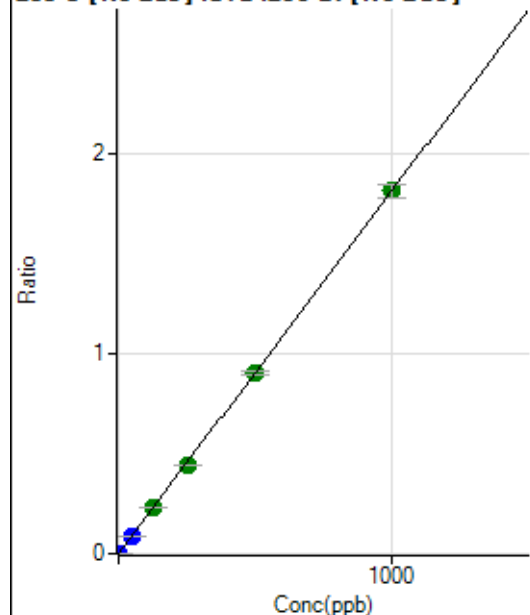
$$DL = 0.01095$$

$$BEC = 0.1024$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	61.3
2	☐	1.000	0.943	21988.91	0.0017	P	5.9
3	☐	50.000	49.661	1148293.46	0.0899	P	0.9
4	☐	125.000	129.526	2858897.40	0.2345	A	0.1
5	☐	250.000	244.311	5731295.13	0.4422	A	1.9
6	☐	500.000	498.933	11272214.57	0.9031	A	3.1
7	☐	1000.000	1001.407	22735048.08	1.8126	A	3.6
8	☐			1641.83	0.0001	P	17.4

$$y = 0.0018 * x + 2.1216E-006$$

$$R = 1.0000$$

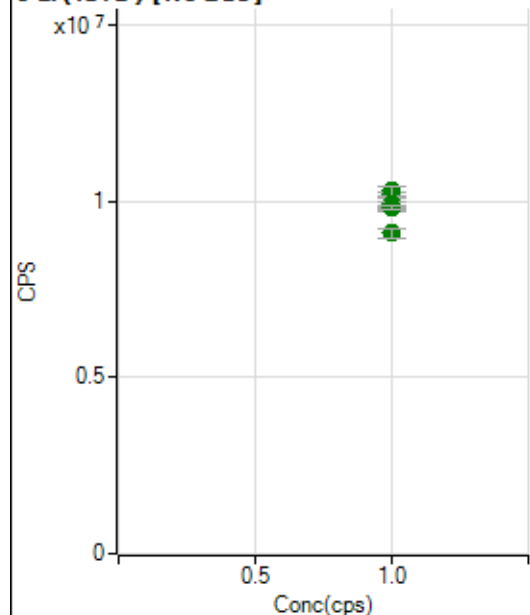
$$DL = 0.002156$$

$$BEC = 0.001172$$

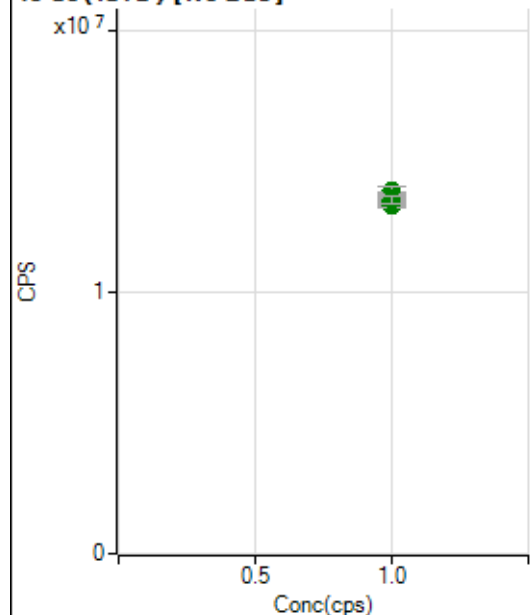
Weight: <None>

Min Conc: 0

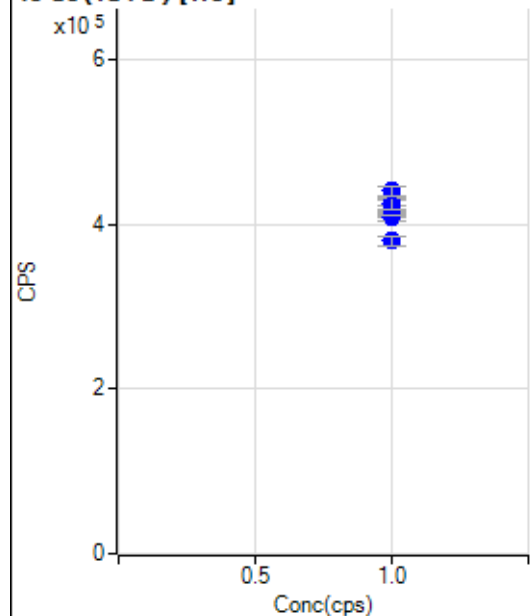
6 Li (ISTD) [No Gas]



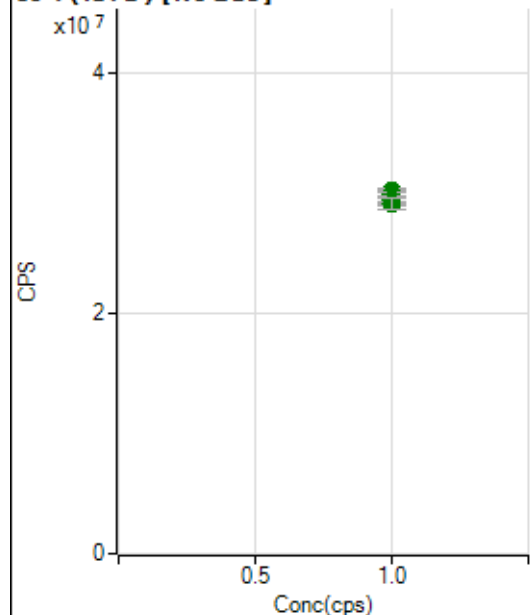
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		10189395.95		A	1.5
2	☐	1.000		10291048.62		A	2.9
3	☐	1.000		9915208.05		A	1.8
4	☐	1.000		9821400.98		A	0.5
5	☐	1.000		9869095.60		A	2.0
6	☐	1.000		9804739.81		A	1.9
7	☐	1.000		9817384.28		A	0.9
8	☐	1.000		9084099.63		A	3.1

45 Sc (ISTD) [No Gas]

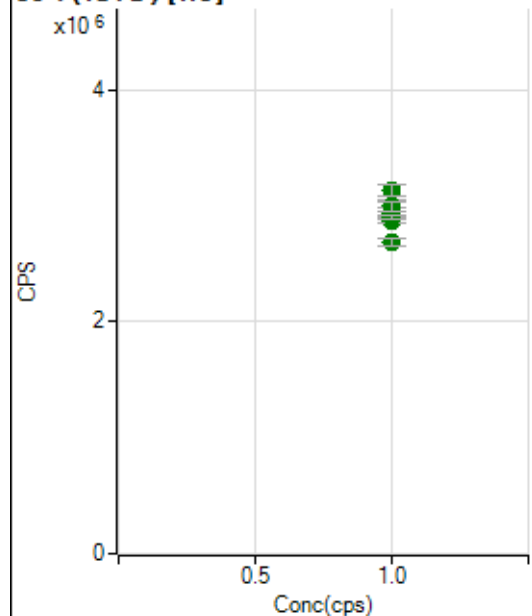
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13726340.21		A	1.4
2	☐	1.000		13861882.57		A	2.9
3	☐	1.000		13323478.55		A	0.5
4	☐	1.000		13277963.83		A	1.0
5	☐	1.000		13597117.85		A	1.8
6	☐	1.000		13459020.91		A	0.8
7	☐	1.000		13393928.41		A	2.4
8	☐	1.000		13503136.60		A	2.3

45 Sc (ISTD) [He]

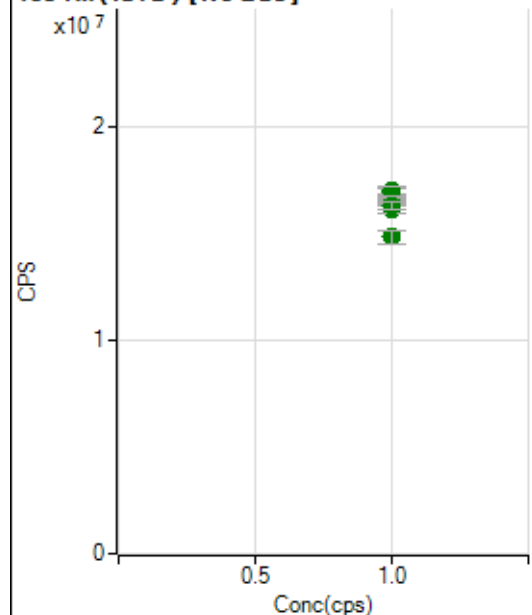
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		418383.24		P	2.3
2	☐	1.000		417139.08		P	6.1
3	☐	1.000		380272.25		P	3.0
4	☐	1.000		412246.22		P	1.7
5	☐	1.000		408467.32		P	2.1
6	☐	1.000		410650.39		P	0.5
7	☐	1.000		424949.64		P	2.9
8	☐	1.000		440330.10		P	2.7

89 Y (ISTD) [No Gas]

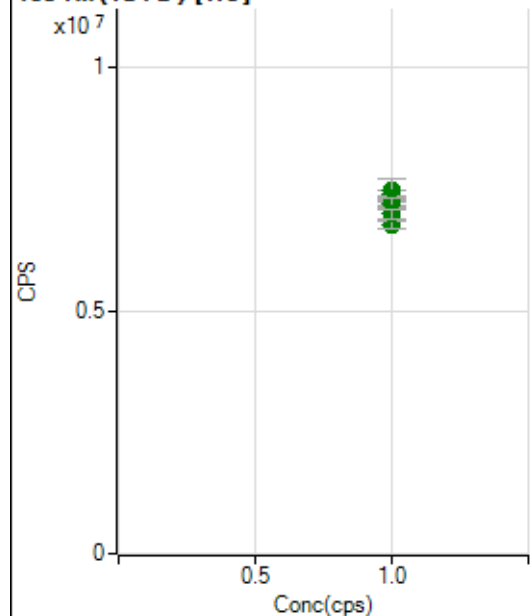
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		30207078.44		A	0.8
2	☐	1.000		30040541.22		A	2.9
3	☐	1.000		29507541.50		A	1.1
4	☐	1.000		29067036.51		A	0.3
5	☐	1.000		29996545.11		A	1.0
6	☐	1.000		29474687.06		A	2.4
7	☐	1.000		29432159.56		A	2.2
8	☐	1.000		29192723.73		A	3.4

89 Y (ISTD) [He]

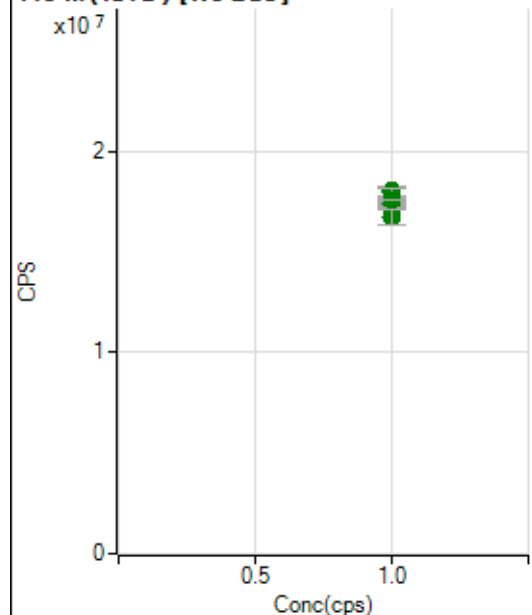
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2942599.96		A	3.5
2	☐	1.000		2956710.53		A	6.4
3	☐	1.000		2689142.93		A	2.7
4	☐	1.000		2912386.83		A	0.1
5	☐	1.000		2873123.57		A	1.7
6	☐	1.000		2909756.66		A	1.2
7	☐	1.000		2998609.40		A	2.9
8	☐	1.000		3131380.79		A	3.1

103 Rh (ISTD) [No Gas]

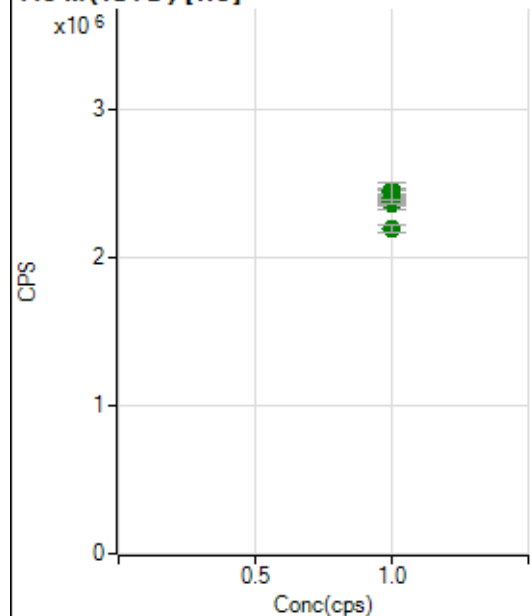
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17024352.46		A	1.5
2	☐	1.000		16935487.53		A	3.9
3	☐	1.000		16534956.45		A	1.4
4	☐	1.000		16181670.33		A	2.2
5	☐	1.000		16748155.58		A	0.9
6	☐	1.000		16343260.26		A	2.2
7	☐	1.000		16303055.57		A	2.2
8	☐	1.000		14855103.98		A	3.9

103 Rh (ISTD) [He]

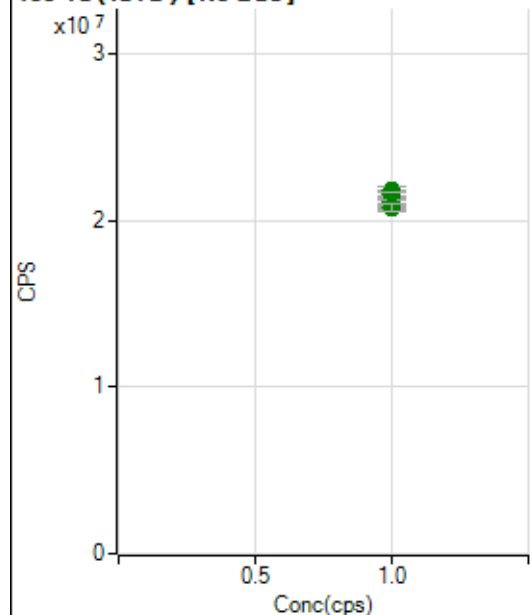
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7387525.58		A	2.3
2	☐	1.000		7462910.17		A	6.5
3	☐	1.000		6779005.45		A	2.2
4	☐	1.000		7326551.63		A	1.0
5	☐	1.000		7193133.57		A	1.5
6	☐	1.000		7120205.31		A	0.6
7	☐	1.000		7218115.93		A	2.5
8	☐	1.000		6987236.49		A	3.2

115 In (ISTD) [No Gas]

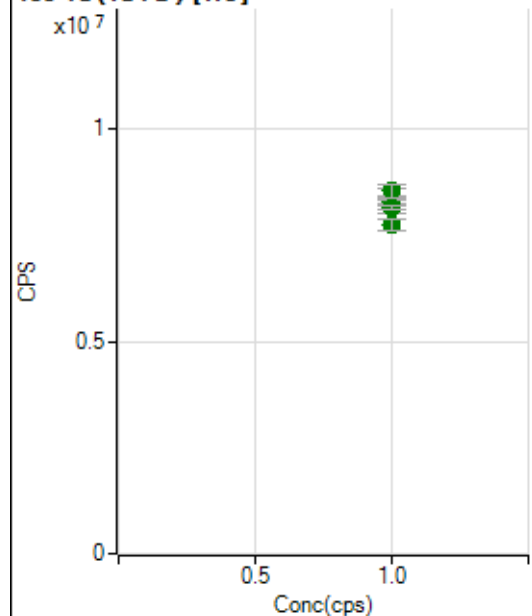
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		17994167.88		A	3.0
2	☐	1.000		18037242.29		A	2.8
3	☐	1.000		17438756.05		A	1.2
4	☐	1.000		17239774.34		A	1.5
5	☐	1.000		17978294.61		A	2.3
6	☐	1.000		17398153.08		A	2.6
7	☐	1.000		17574274.69		A	0.2
8	☐	1.000		16714087.43		A	4.9

115 In (ISTD) [He]

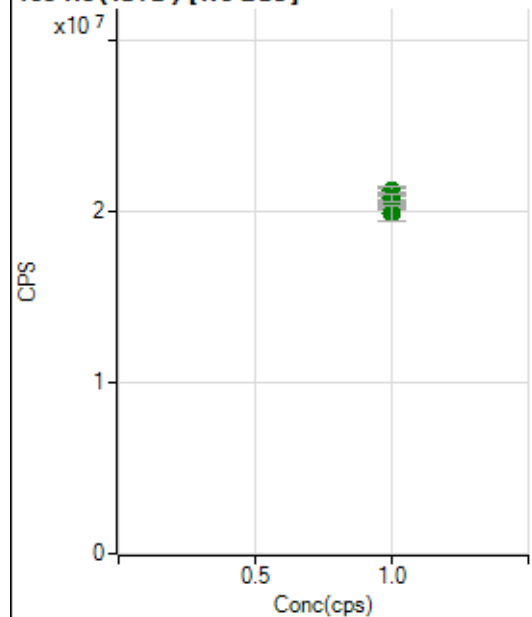
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2442270.31		A	2.0
2	☐	1.000		2437860.01		A	5.4
3	☐	1.000		2192289.65		A	2.4
4	☐	1.000		2413177.47		A	0.3
5	☐	1.000		2361388.91		A	3.0
6	☐	1.000		2366723.04		A	1.6
7	☐	1.000		2402937.24		A	3.7
8	☐	1.000		2445500.59		A	4.7

159 Tb (ISTD) [No Gas]

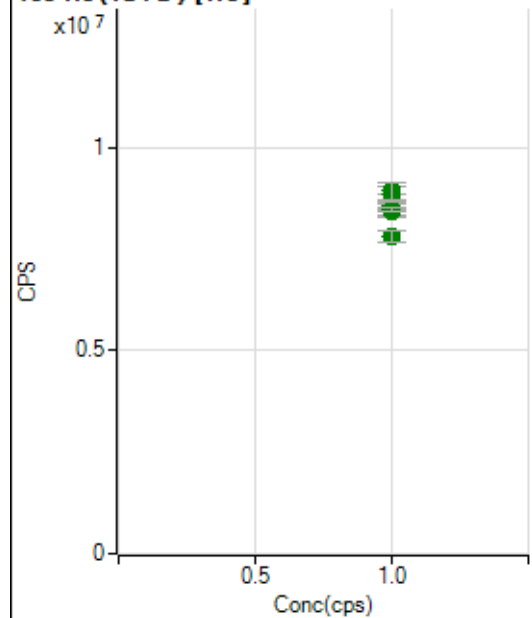
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		21589953.84		A	2.0
2	☐	1.000		21254641.77		A	4.0
3	☐	1.000		20837437.88		A	1.6
4	☐	1.000		20760018.16		A	1.7
5	☐	1.000		21776077.17		A	2.7
6	☐	1.000		21072120.52		A	1.9
7	☐	1.000		21684659.12		A	0.1
8	☐	1.000		20792082.75		A	1.9

159 Tb (ISTD) [He]

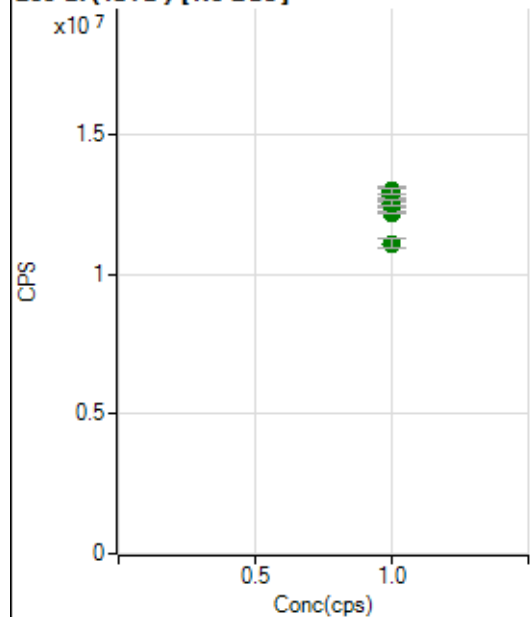
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8147010.09		A	2.9
2	☐	1.000		8370250.78		A	6.1
3	☐	1.000		7734118.08		A	3.8
4	☐	1.000		8310450.22		A	1.6
5	☐	1.000		8281325.57		A	1.4
6	☐	1.000		8145963.84		A	1.1
7	☐	1.000		8546367.58		A	3.3
8	☐	1.000		8544482.09		A	3.5

165 Ho (ISTD) [No Gas]

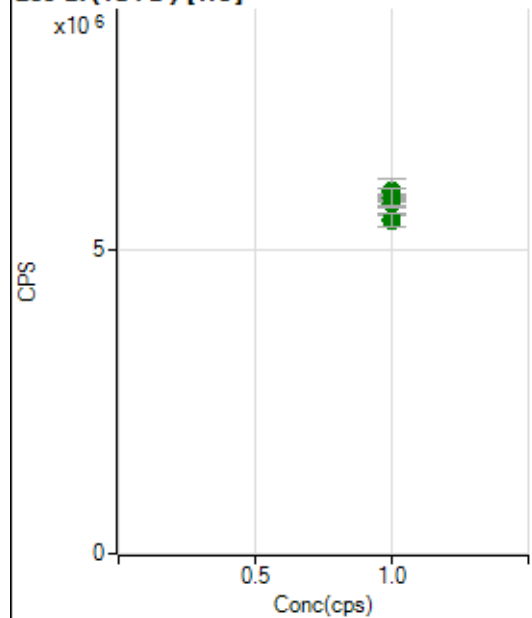
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20868993.52		A	2.5
2	☐	1.000		21023524.25		A	3.3
3	☐	1.000		20270823.72		A	1.3
4	☐	1.000		20277745.42		A	1.0
5	☐	1.000		21200344.23		A	2.4
6	☐	1.000		20743301.33		A	3.7
7	☐	1.000		20746069.21		A	2.2
8	☐	1.000		19884021.97		A	4.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8407081.82		A	1.4
2	☐	1.000		8577316.12		A	6.5
3	☐	1.000		7811495.58		A	3.6
4	☐	1.000		8562581.95		A	1.1
5	☐	1.000		8433329.95		A	0.6
6	☐	1.000		8498042.03		A	1.1
7	☐	1.000		8839243.41		A	4.3
8	☐	1.000		8935505.15		A	4.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12976188.14		A	2.2
2	☐	1.000		12883800.64		A	3.3
3	☐	1.000		12775126.20		A	1.2
4	☐	1.000		12193940.93		A	0.3
5	☐	1.000		12959959.67		A	1.3
6	☐	1.000		12486035.37		A	1.8
7	☐	1.000		12547418.56		A	1.6
8	☐	1.000		11095032.33		A	3.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5940847.83		A	2.7
2	☐	1.000		5972734.36		A	6.3
3	☐	1.000		5480140.27		A	3.6
4	☐	1.000		5953581.58		A	1.7
5	☐	1.000		5861739.57		A	0.9
6	☐	1.000		5760271.86		A	2.0
7	☐	1.000		5871273.32		A	5.1
8	☐	1.000		5499785.89		A	3.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8091721 MS.b
Acq. Date-Time 2021-09-17 07:51:48
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		28612	286121.18			3.069	5.000
24		202495	2024954.51			3.258	5.000
25		27366	273658.23			2.905	5.000
26		30952	309522.98			2.882	5.000
59		44685	446854.85			2.749	5.000
113		20346	203464.03			3.318	5.000
115		59615	596151.75			3.221	5.000
206		26936	269361.50			3.273	5.000
207		22582	225822.42			2.885	5.000
208		56848	568480.05			3.315	5.000
220		0	3.90			52.392	

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

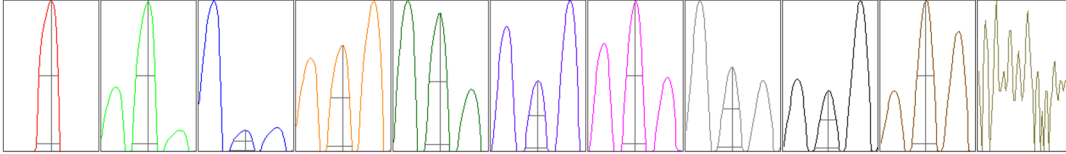
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	29013	28853	29036	29109	27050
24	202727	205940	203050	209125	191637
25	27647	27649	27731	27851	25952
26	31415	31226	31357	31401	29362
59	45317	44737	45366	45460	42547
113	20654	20493	20667	20766	19152
115	61022	59615	60462	60669	56308
206	27614	26792	27354	27460	25460
207	23015	22511	23004	22905	21476
208	58548	57002	57504	57556	53630

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	50306.06	9.05	8.90 - 9.10	
24	355941.95	24.00	23.90 - 24.10	
25	48098.85	25.00	24.90 - 25.10	
26	54742.69	26.00	25.90 - 26.10	
59	83828.20	59.00	58.90 - 59.10	
113	40682.12	113.00	112.90 - 113.10	
115	121021.89	115.00	114.90 - 115.10	
206	52529.58	206.00	205.90 - 206.10	
207	44344.96	206.95	206.90 - 207.10	
208	109407.12	207.95	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.740	0.900	
24	0.60	0.784	0.900	
25	0.60	0.783	0.900	
26	0.60	0.787	0.900	
59	0.56	0.772	0.900	
113	0.51	0.693	0.900	
115	0.51	0.756	0.900	
206	0.52	0.776	0.900	
207	0.52	0.777	0.900	
208	0.53	0.783	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.75 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	7.0 V	Deflect	13.8 V
Extract 2	-190.0 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	160 V		

QP Parameters

Mass Gain	123	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.01		

Hardware Settings

Torch

Torch H	1.1 mm	Torch V	-0.6 mm

EM

Discriminator	3.8 mV	Analog HV	2238 V	Pulse HV	1516 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		9893	98934.63			2.167	
89		34529	345290.44			2.044	
205		23407	234071.00			2.136	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	10084	10159	9802	9677	9746
89	35192	35345	34342	33974	33792
205	23865	23977	23339	22924	22930

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	7.0 V	Deflect	3.2 V

US EPA Tune Check Report

Extract 2	-190.0 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	190 V		
QP Parameters					
Mass Gain	123	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.01		
Hardware Settings					
Torch					
Torch H	1.1 mm	Torch V	-0.6 mm		
EM					
Discriminator	3.8 mV	Analog HV	2238 V	Pulse HV	1516 V

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:36:37	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	0.02	-0.04	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.02	0.02	0.00	N/A	ppb
Barium	135-1	-0.04	0.03	0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.06	0.04	0.02	0.00	N/A	ppb
Boron	11-1	-0.03	0.03	0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.01	-0.02	0.00	N/A	ppb
Cadmium	106-1	0.39	0.59	-0.98	0.00	N/A	ppb
Cadmium	108-1	-0.01	0.05	-0.04	0.00	N/A	ppb
Calcium	43-1	0.22	-0.17	-0.05	0.00	N/A	ppb
Calcium	44-1	-0.18	-0.26	0.44	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.04	0.24	-0.20	0.00	N/A	ppb
Iron	56-2	-0.07	0.07	0.00	0.00	N/A	ppb
Iron	57-2	-0.26	0.28	-0.02	0.00	N/A	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:36:37	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.01	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.27	-0.26	-0.01	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	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	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	9.42	9.01	-11.28	2.38	496.19	ppb
Potassium	39-2	-0.66	3.42	-2.76	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.27	0.15	0.12	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.18	0.06	-0.24	0.00	N/A	ppb
Silicon	28-1	-0.18	-0.16	0.34	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	-1.26	1.02	0.24	0.00	N/A	ppb
Strontium	86-1	0.02	-0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-70.44	37.14	289.37	85.36	216.36	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	0.00	-0.01	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.00	0.00	N/A	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:36:37	DataFile Name :	006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.04	0.02	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	-0.10	0.14	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.02	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:39:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.00	22.68	21.36	22.68	5.83	ppb
Antimony	121-1	2.09	1.98	1.88	1.98	5.19	ppb
Arsenic	75-2	0.96	0.85	1.04	0.95	10.00	ppb
Barium	135-1	10.63	10.26	10.12	10.34	2.55	ppb
Barium	137-1	10.50	10.36	10.11	10.32	1.88	ppb
Beryllium	9-1	1.03	1.06	1.00	1.03	3.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	21.04	23.67	23.46	22.72	6.45	ppb
Boron	11-1	22.10	24.47	23.90	23.49	5.27	ppb
Bromine	81-1						cps
Cadmium	111-1	1.28	1.16	1.07	1.17	9.09	ppb
Cadmium	106-1	3.18	0.43	0.96	1.53	95.61	ppb
Cadmium	108-1	0.72	0.63	1.02	0.79	25.60	ppb
Calcium	43-1	486.92	487.73	476.40	483.68	1.31	ppb
Calcium	44-1	496.78	498.55	468.62	487.99	3.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.29	1.94	2.00	2.08	8.87	ppb
Cobalt	59-2	1.16	0.96	0.97	1.03	11.25	ppb
Copper	63-2	2.25	2.00	1.95	2.07	7.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	62.96	53.08	55.36	57.13	9.05	ppb
Iron	56-2	60.94	53.11	53.57	55.87	7.87	ppb
Iron	57-2	58.60	51.90	48.49	53.00	9.70	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:39:41	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.03	1.03	0.88	0.98	8.75	ppb
Lead	207-1	1.05	0.96	0.95	0.99	5.16	ppb
Lead	208-1	0.99	0.97	0.91	0.96	4.81	ppb
Lithium	6-1				101		%
Magnesium	24-2	600.43	521.81	518.18	546.81	8.50	ppb
Manganese	55-2	1.15	0.97	1.02	1.05	8.77	ppb
Molybdenum	94-1	5.14	5.39	4.97	5.17	4.12	ppb
Molybdenum	95-1	5.22	5.22	5.02	5.15	2.23	ppb
Molybdenum	96-1	5.37	5.17	4.78	5.11	5.92	ppb
Molybdenum	97-1	5.00	5.18	5.00	5.06	2.05	ppb
Molybdenum	98-1	5.01	5.19	4.82	5.01	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.27	1.07	1.01	1.12	12.03	ppb
Phosphorus	31-2	-6.21	6.40	-7.34	-2.38		ppb
Potassium	39-2	562.32	495.16	473.89	510.46	9.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	5.79	4.87	5.43	5.36	8.65	ppb
Selenium	77-2	6.01	7.63	6.17	6.60	13.47	ppb
Selenium	78-2	4.64	5.80	6.22	5.56	14.79	ppb
Silicon	28-1	13.61	12.85	10.83	12.43	11.54	ppb
Silver	107-1	1.02	1.02	0.98	1.01	2.51	ppb
Silver	109-1	1.08	1.07	0.91	1.02	9.68	ppb
Sodium	23-2	577.49	522.22	523.09	540.93	5.85	ppb
Strontium	86-1	1.06	1.08	1.08	1.07	0.86	ppb
Strontium	88-1	1.14	1.10	1.03	1.09	4.92	ppb
Sulfur	34-1	214.44	96.89	-567.41	-85.36		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	0.99	0.94	0.94	0.96	3.15	ppb
Thallium	205-1	1.00	0.91	0.96	0.96	4.63	ppb
Tin	118-1	5.26	5.14	4.80	5.07	4.69	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:39:41	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.11	5.02	4.71	4.95	4.16	ppb
Uranium	238-1	0.99	0.95	0.88	0.94	5.94	ppb
Vanadium	51-2	5.47	4.93	4.80	5.07	6.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.65	2.40	2.42	2.49	5.55	ppb
Zirconium	90-1	1.02	0.99	0.91	0.97	5.88	ppb
Zirconium	91-1	0.92	1.04	0.89	0.95	8.12	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:42:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1154.37	1236.06	1156.48	1182.30	3.94	ppb
Antimony	121-1	53.65	51.87	52.26	52.59	1.78	ppb
Arsenic	75-2	56.15	57.14	54.35	55.88	2.53	ppb
Barium	135-1	266.81	257.10	258.62	260.84	2.00	ppb
Barium	137-1	269.88	265.67	262.49	266.01	1.39	ppb
Beryllium	9-1	53.14	52.70	50.98	52.28	2.18	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	48.13	51.46	51.23	50.27	3.69	ppb
Boron	11-1	51.15	52.53	52.85	52.18	1.73	ppb
Bromine	81-1						cps
Cadmium	111-1	55.31	54.17	53.68	54.39	1.54	ppb
Cadmium	106-1	53.73	53.49	51.07	52.76	2.80	ppb
Cadmium	108-1	52.03	53.63	51.85	52.50	1.87	ppb
Calcium	43-1	5428.23	5379.88	5343.93	5384.01	0.79	ppb
Calcium	44-1	5350.54	5358.61	5265.74	5324.96	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	54.79	57.93	53.69	55.47	3.96	ppb
Cobalt	59-2	55.87	58.61	54.60	56.36	3.64	ppb
Copper	63-2	573.83	609.82	557.08	580.25	4.64	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				93		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	54-2	2951.28	3123.19	2871.23	2981.90	4.32	ppb
Iron	56-2	2989.47	3120.51	2937.37	3015.78	3.13	ppb
Iron	57-2	2897.70	3018.23	2847.54	2921.15	3.00	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:42:47	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	240.87	248.60	243.47	244.31	1.61	ppb
Lead	207-1	244.39	250.43	241.76	245.52	1.81	ppb
Lead	208-1	248.26	252.17	248.12	249.52	0.92	ppb
Lithium	6-1				97		%
Magnesium	24-2	5880.16	6367.47	5990.75	6079.46	4.20	ppb
Manganese	55-2	541.61	580.84	536.14	552.87	4.41	ppb
Molybdenum	94-1	250.90	258.10	254.24	254.41	1.42	ppb
Molybdenum	95-1	260.80	256.79	252.70	256.76	1.58	ppb
Molybdenum	96-1	256.17	257.94	251.47	255.19	1.31	ppb
Molybdenum	97-1	255.33	257.36	256.83	256.51	0.41	ppb
Molybdenum	98-1	256.66	256.69	250.17	254.51	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.12	61.13	56.76	58.34	4.16	ppb
Phosphorus	31-2	995.73	1129.17	1156.14	1093.68	7.85	ppb
Potassium	39-2	2893.26	2990.87	2826.65	2903.59	2.84	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				91		%
Selenium	82-1	53.60	52.29	51.59	52.49	1.95	ppb
Selenium	77-2	53.52	49.50	44.14	49.05	9.59	ppb
Selenium	78-2	57.51	59.12	53.92	56.85	4.69	ppb
Silicon	28-1	67.68	67.07	67.78	67.51	0.57	ppb
Silver	107-1	56.21	54.46	54.00	54.89	2.12	ppb
Silver	109-1	55.43	53.60	54.59	54.54	1.67	ppb
Sodium	23-2	5846.47	6200.95	5812.92	5953.45	3.61	ppb
Strontium	86-1	510.32	521.21	514.46	515.33	1.07	ppb
Strontium	88-1	494.22	507.84	496.87	499.65	1.45	ppb
Sulfur	34-1	1920.82	1520.33	1477.62	1639.59	14.91	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	48.69	48.60	48.15	48.48	0.59	ppb
Thallium	205-1	49.87	50.01	50.18	50.02	0.31	ppb
Tin	118-1	53.51	52.60	51.48	52.53	1.94	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:42:47	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	265.83	260.39	257.41	261.21	1.64	ppb
Uranium	238-1	49.77	50.02	49.19	49.66	0.86	ppb
Vanadium	51-2	54.19	57.47	54.08	55.25	3.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	569.08	606.22	559.37	578.22	4.28	ppb
Zirconium	90-1	51.11	52.62	50.78	51.50	1.90	ppb
Zirconium	91-1	50.11	51.37	49.33	50.27	2.05	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:45:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2676.55	2767.25	2714.58	2719.46	1.67	ppb
Antimony	121-1	136.06	134.70	132.22	134.33	1.45	ppb
Arsenic	75-2	127.69	128.60	128.43	128.24	0.37	ppb
Barium	135-1	670.70	680.54	656.05	669.10	1.84	ppb
Barium	137-1	657.64	661.86	644.85	654.78	1.35	ppb
Beryllium	9-1	130.25	132.12	132.09	131.49	0.81	ppb
Bismuth	209-1				94		%
Bismuth	209-2				100		%
Boron	10-1	121.01	127.12	131.88	126.67	4.30	ppb
Boron	11-1	124.49	134.62	135.05	131.38	4.55	ppb
Bromine	81-1						cps
Cadmium	111-1	135.10	138.34	132.45	135.30	2.18	ppb
Cadmium	106-1	133.26	129.42	128.52	130.40	1.93	ppb
Cadmium	108-1	132.29	131.88	133.30	132.49	0.55	ppb
Calcium	43-1	13647.91	13674.51	13353.75	13558.72	1.31	ppb
Calcium	44-1	13200.29	13084.41	13161.94	13148.88	0.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	125.38	129.27	126.06	126.90	1.63	ppb
Cobalt	59-2	127.98	131.94	128.07	129.33	1.75	ppb
Copper	63-2	1291.74	1363.26	1314.86	1323.28	2.76	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				97		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				99		%
Iron	54-2	6732.71	7052.03	6826.21	6870.32	2.39	ppb
Iron	56-2	6662.77	6795.75	6775.33	6744.62	1.06	ppb
Iron	57-2	6618.48	6834.11	6673.83	6708.81	1.67	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:45:50	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	646.25	660.60	661.03	655.96	1.28	ppb
Lead	207-1	668.26	662.09	663.96	664.77	0.48	ppb
Lead	208-1	649.96	655.20	651.89	652.35	0.41	ppb
Lithium	6-1				96		%
Magnesium	24-2	13630.04	13961.12	13680.70	13757.29	1.30	ppb
Manganese	55-2	1239.18	1310.56	1273.10	1274.28	2.80	ppb
Molybdenum	94-1	648.73	649.12	640.37	646.08	0.76	ppb
Molybdenum	95-1	654.50	655.97	650.11	653.53	0.47	ppb
Molybdenum	96-1	641.22	649.16	655.63	648.67	1.11	ppb
Molybdenum	97-1	639.27	652.02	639.45	643.58	1.14	ppb
Molybdenum	98-1	646.21	644.48	637.08	642.59	0.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	130.02	135.74	133.07	132.94	2.15	ppb
Phosphorus	31-2	2486.28	2422.49	2672.82	2527.20	5.15	ppb
Potassium	39-2	6432.47	6715.54	6534.92	6560.98	2.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	129.95	132.58	129.71	130.75	1.22	ppb
Selenium	77-2	138.70	148.00	127.56	138.09	7.41	ppb
Selenium	78-2	129.79	127.79	129.03	128.87	0.78	ppb
Silicon	28-1	122.37	131.22	126.81	126.80	3.49	ppb
Silver	107-1	135.82	140.53	132.64	136.33	2.91	ppb
Silver	109-1	138.06	140.77	137.07	138.64	1.38	ppb
Sodium	23-2	12909.19	13501.56	13171.12	13193.95	2.25	ppb
Strontium	86-1	1259.18	1301.23	1270.99	1277.13	1.70	ppb
Strontium	88-1	1251.79	1269.58	1256.27	1259.22	0.73	ppb
Sulfur	34-1	3442.84	3055.02	2901.19	3133.01	8.91	ppb
Terbium	159-1				96		%
Terbium	159-2				102		%
Thallium	203-1	127.40	124.17	130.46	127.34	2.47	ppb
Thallium	205-1	129.57	130.33	133.31	131.07	1.51	ppb
Tin	118-1	135.15	138.29	133.17	135.53	1.90	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:45:50	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	671.06	665.68	636.48	657.74	2.83	ppb
Uranium	238-1	129.71	129.34	129.53	129.53	0.14	ppb
Vanadium	51-2	124.17	129.58	126.04	126.60	2.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				99		%
Zinc	66-2	1305.61	1356.34	1333.94	1331.96	1.91	ppb
Zirconium	90-1	130.14	132.61	131.36	131.37	0.94	ppb
Zirconium	91-1	130.31	129.62	128.54	129.49	0.69	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:48:56	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5535.71	5629.18	5416.11	5527.00	1.93	ppb
Antimony	121-1	258.12	251.18	253.21	254.17	1.41	ppb
Arsenic	75-2	257.76	263.83	260.46	260.68	1.17	ppb
Barium	135-1	1308.05	1244.16	1299.42	1283.88	2.70	ppb
Barium	137-1	1281.55	1239.79	1255.79	1259.05	1.67	ppb
Beryllium	9-1	256.63	255.34	265.77	259.25	2.19	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	240.23	256.03	264.78	253.68	4.90	ppb
Boron	11-1	250.89	263.97	279.40	264.75	5.39	ppb
Bromine	81-1						cps
Cadmium	111-1	262.64	254.07	262.17	259.63	1.86	ppb
Cadmium	106-1	263.29	248.15	258.29	256.58	3.00	ppb
Cadmium	108-1	265.36	245.42	253.86	254.88	3.93	ppb
Calcium	43-1	26791.74	26011.33	26492.76	26431.94	1.49	ppb
Calcium	44-1	25970.48	25170.44	25521.89	25554.27	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.42	258.52	250.22	254.72	1.65	ppb
Cobalt	59-2	260.61	267.40	256.24	261.41	2.15	ppb
Copper	63-2	2672.74	2725.07	2598.36	2665.39	2.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	14164.74	14438.08	13822.43	14141.75	2.18	ppb
Iron	56-2	14128.80	14507.78	13665.32	14100.63	2.99	ppb
Iron	57-2	13705.68	13751.72	13576.16	13677.85	0.67	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:48:56	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1256.91	1240.94	1245.79	1247.88	0.66	ppb
Lead	207-1	1269.08	1214.08	1249.60	1244.25	2.24	ppb
Lead	208-1	1250.45	1220.69	1242.78	1237.98	1.25	ppb
Lithium	6-1				97		%
Magnesium	24-2	27653.93	28270.29	26987.51	27637.24	2.32	ppb
Manganese	55-2	2604.93	2687.16	2525.90	2606.00	3.09	ppb
Molybdenum	94-1	1217.81	1235.83	1250.52	1234.72	1.33	ppb
Molybdenum	95-1	1204.84	1239.91	1260.13	1234.96	2.27	ppb
Molybdenum	96-1	1223.39	1234.53	1263.10	1240.34	1.65	ppb
Molybdenum	97-1	1233.26	1237.04	1248.22	1239.51	0.63	ppb
Molybdenum	98-1	1202.32	1234.31	1256.49	1231.04	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	269.85	274.60	259.65	268.03	2.85	ppb
Phosphorus	31-2	5220.44	5338.29	5150.55	5236.43	1.81	ppb
Potassium	39-2	13416.45	13597.32	13293.84	13435.87	1.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	252.58	255.67	254.99	254.42	0.64	ppb
Selenium	77-2	256.18	267.12	273.25	265.52	3.26	ppb
Selenium	78-2	265.18	271.64	265.95	267.59	1.32	ppb
Silicon	28-1	240.33	243.53	254.81	246.23	3.09	ppb
Silver	107-1	273.49	250.62	254.71	259.60	4.70	ppb
Silver	109-1	258.92	260.24	261.17	260.11	0.44	ppb
Sodium	23-2	26903.22	28169.18	26230.52	27100.97	3.63	ppb
Strontium	86-1	2509.61	2512.01	2521.13	2514.25	0.24	ppb
Strontium	88-1	2520.80	2440.56	2463.25	2474.87	1.67	ppb
Sulfur	34-1	6038.51	5479.32	6014.54	5844.12	5.41	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	252.14	244.35	247.69	248.06	1.58	ppb
Thallium	205-1	252.40	248.49	248.87	249.92	0.86	ppb
Tin	118-1	258.93	249.78	251.42	253.38	1.92	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:48:56	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1268.37	1228.91	1269.37	1255.55	1.84	ppb
Uranium	238-1	248.33	245.25	239.35	244.31	1.87	ppb
Vanadium	51-2	255.70	266.03	254.55	258.76	2.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	2678.28	2709.73	2630.00	2672.67	1.50	ppb
Zirconium	90-1	249.03	248.94	252.23	250.07	0.75	ppb
Zirconium	91-1	246.03	252.95	251.71	250.23	1.48	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:51:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10735.84	10571.24	10527.56	10611.54	1.04	ppb
Antimony	121-1	522.55	510.25	514.09	515.63	1.22	ppb
Arsenic	75-2	495.45	502.25	495.22	497.64	0.80	ppb
Barium	135-1	2610.18	2475.03	2572.12	2552.44	2.73	ppb
Barium	137-1	2573.14	2467.15	2563.17	2534.49	2.31	ppb
Beryllium	9-1	524.89	495.09	522.49	514.16	3.22	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	490.41	488.02	520.82	499.75	3.66	ppb
Boron	11-1	520.83	524.56	554.75	533.38	3.49	ppb
Bromine	81-1						cps
Cadmium	111-1	518.97	510.44	534.55	521.32	2.35	ppb
Cadmium	106-1	524.05	488.37	525.93	512.78	4.13	ppb
Cadmium	108-1	525.76	503.00	530.10	519.62	2.80	ppb
Calcium	43-1	53053.42	52847.76	52603.53	52834.90	0.43	ppb
Calcium	44-1	51235.92	51082.70	51450.36	51256.32	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	496.24	490.92	488.70	491.95	0.79	ppb
Cobalt	59-2	509.78	506.01	504.22	506.67	0.56	ppb
Copper	63-2	5072.81	5000.29	4976.26	5016.45	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				97		%
Iron	54-2	27276.71	27052.84	26903.75	27077.77	0.69	ppb
Iron	56-2	27078.50	27115.53	26050.40	26748.14	2.26	ppb
Iron	57-2	26404.32	26281.99	26288.69	26325.00	0.26	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:51:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2541.10	2393.37	2518.32	2484.26	3.20	ppb
Lead	207-1	2537.38	2423.05	2537.28	2499.24	2.64	ppb
Lead	208-1	2544.93	2404.50	2522.60	2490.68	3.03	ppb
Lithium	6-1				96		%
Magnesium	24-2	53331.10	52606.09	52731.82	52889.67	0.73	ppb
Manganese	55-2	5010.71	5014.00	4898.00	4974.23	1.33	ppb
Molybdenum	94-1	2511.32	2337.53	2553.15	2467.33	4.63	ppb
Molybdenum	95-1	2491.19	2371.02	2561.57	2474.59	3.89	ppb
Molybdenum	96-1	2471.96	2373.61	2513.88	2453.15	2.94	ppb
Molybdenum	97-1	2424.07	2373.82	2505.13	2434.34	2.72	ppb
Molybdenum	98-1	2451.50	2414.91	2500.66	2455.69	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.79	508.61	506.45	509.28	0.63	ppb
Phosphorus	31-2	10301.93	9828.45	9758.17	9962.85	2.97	ppb
Potassium	39-2	25563.51	25510.38	25166.48	25413.46	0.85	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	505.62	485.30	518.23	503.05	3.30	ppb
Selenium	77-2	557.35	510.39	535.43	534.39	4.40	ppb
Selenium	78-2	498.87	518.13	500.03	505.68	2.14	ppb
Silicon	28-1	533.89	568.99	605.09	569.32	6.25	ppb
Silver	107-1	515.02	505.09	522.92	514.34	1.74	ppb
Silver	109-1	522.11	505.55	532.50	520.05	2.61	ppb
Sodium	23-2	52645.52	51574.86	52353.67	52191.35	1.06	ppb
Strontium	86-1	5083.97	4787.61	5107.04	4992.87	3.57	ppb
Strontium	88-1	5004.52	4784.62	5064.45	4951.20	2.98	ppb
Sulfur	34-1	9517.22	9239.01	9131.47	9295.90	2.14	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	495.43	494.14	502.54	497.37	0.91	ppb
Thallium	205-1	513.48	482.02	501.69	499.06	3.18	ppb
Tin	118-1	508.71	498.56	516.21	507.83	1.74	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:51:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2571.05	2460.24	2516.82	2516.04	2.20	ppb
Uranium	238-1	501.61	482.42	512.77	498.93	3.08	ppb
Vanadium	51-2	501.53	499.44	492.88	497.95	0.91	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	5098.37	5112.31	4966.69	5059.12	1.59	ppb
Zirconium	90-1	502.88	481.84	508.49	497.74	2.82	ppb
Zirconium	91-1	501.62	491.87	506.57	500.02	1.50	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:55:05	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21904.46	21213.44	20754.02	21290.64	2.72	ppb
Antimony	121-1	989.83	1001.70	978.01	989.85	1.20	ppb
Arsenic	75-2	1031.16	985.76	976.51	997.81	2.93	ppb
Barium	135-1	4950.81	5009.95	4917.01	4959.26	0.95	ppb
Barium	137-1	4864.19	5050.48	5013.24	4975.97	1.98	ppb
Beryllium	9-1	979.37	1001.68	988.00	989.68	1.14	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	955.22	1000.16	1041.75	999.04	4.33	ppb
Boron	11-1	933.03	986.84	1016.38	978.75	4.32	ppb
Bromine	81-1						cps
Cadmium	111-1	960.43	989.34	1006.51	985.43	2.36	ppb
Cadmium	106-1	989.20	997.53	986.72	991.15	0.57	ppb
Cadmium	108-1	965.12	1007.00	991.60	987.91	2.14	ppb
Calcium	43-1	105183.13	108791.53	108073.15	107349.27	1.78	ppb
Calcium	44-1	99282.87	103165.71	106174.45	102874.35	3.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1047.77	964.33	994.89	1002.33	4.21	ppb
Cobalt	59-2	1041.55	966.82	970.49	992.95	4.24	ppb
Copper	63-2	10163.11	9773.03	9875.63	9937.25	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	54952.47	52536.04	52967.13	53485.22	2.41	ppb
Iron	56-2	54837.27	52261.80	52265.78	53121.62	2.80	ppb
Iron	57-2	55369.70	52807.50	52897.18	53691.46	2.71	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:55:05	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4837.31	5019.37	5157.76	5004.81	3.21	ppb
Lead	207-1	4889.96	4999.90	5101.35	4997.07	2.12	ppb
Lead	208-1	4887.59	5018.49	5106.73	5004.27	2.20	ppb
Lithium	6-1				96		%
Magnesium	24-2	109755.20	105014.50	104064.77	106278.16	2.87	ppb
Manganese	55-2	10211.08	9807.80	9923.24	9980.71	2.08	ppb
Molybdenum	94-1	4889.34	4982.61	5179.95	5017.30	2.96	ppb
Molybdenum	95-1	4840.78	5045.82	5151.09	5012.56	3.15	ppb
Molybdenum	96-1	4846.40	5107.38	5114.08	5022.62	3.04	ppb
Molybdenum	97-1	4862.70	5112.55	5123.17	5032.81	2.93	ppb
Molybdenum	98-1	4811.00	5096.22	5166.20	5024.47	3.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1030.12	962.18	976.02	989.44	3.63	ppb
Phosphorus	31-2	20586.51	19553.71	19713.93	19951.38	2.79	ppb
Potassium	39-2	53328.33	50372.35	49205.23	50968.64	4.17	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	82-1	964.05	1003.00	1022.53	996.53	2.99	ppb
Selenium	77-2	1024.42	953.63	953.93	977.33	4.17	ppb
Selenium	78-2	1039.37	973.76	962.68	991.94	4.18	ppb
Silicon	28-1	922.79	979.82	992.86	965.16	3.86	ppb
Silver	107-1	974.70	998.47	993.13	988.77	1.26	ppb
Silver	109-1	966.29	990.36	999.90	985.52	1.76	ppb
Sodium	23-2	107867.62	102922.87	102704.36	104498.28	2.79	ppb
Strontium	86-1	9608.02	9975.38	10404.13	9995.84	3.99	ppb
Strontium	88-1	9707.19	10107.11	10274.34	10029.55	2.91	ppb
Sulfur	34-1	19155.65	20419.53	20514.56	20029.92	3.79	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	976.05	1006.00	1022.69	1001.58	2.36	ppb
Thallium	205-1	977.12	1002.85	1019.21	999.73	2.12	ppb
Tin	118-1	998.22	990.94	992.23	993.80	0.39	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:55:05	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4859.77	4977.66	5120.39	4985.94	2.62	ppb
Uranium	238-1	967.27	998.51	1038.44	1001.41	3.56	ppb
Vanadium	51-2	1051.02	971.21	972.89	998.37	4.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	10169.38	9741.86	9828.10	9913.11	2.28	ppb
Zirconium	90-1	981.70	994.97	1024.07	1000.24	2.17	ppb
Zirconium	91-1	970.60	1004.80	1022.68	999.36	2.65	ppb

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 09:01:30 DataFile Name : 014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97623.90	98047.78	103269.49	99647.06	3.16	ppb
Antimony	121-1	0.40	0.42	0.39	0.40	3.22	ppb
Arsenic	75-2	0.18	0.34	0.29	0.27	30.36	ppb
Barium	135-1	1.81	1.91	1.68	1.80	6.52	ppb
Barium	137-1	1.94	1.94	1.86	1.91	2.53	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	29.37	ppb
Bismuth	209-1				86		%
Bismuth	209-2				93		%
Boron	10-1	40.05	40.70	37.58	39.44	4.17	ppb
Boron	11-1	42.38	42.21	39.84	41.48	3.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.25	0.23	0.18	0.22	17.99	ppb
Cadmium	106-1	-1.44	-1.98	-3.12	-2.18		ppb
Cadmium	108-1	0.07	0.14	0.22	0.14	55.28	ppb
Calcium	43-1	495370.14	506917.39	492146.76	498144.77	1.56	ppb
Calcium	44-1	497561.87	505399.81	494795.29	499252.33	1.10	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.98	3.10	3.47	3.18	7.99	ppb
Cobalt	59-2	2.14	2.29	2.27	2.23	3.70	ppb
Copper	63-2	1.86	1.83	1.91	1.87	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				106		%
Indium	115-1				93		%
Indium	115-2				100		%
Iron	54-2	240158.64	247766.23	259053.42	248992.76	3.82	ppb
Iron	56-2	240634.87	249952.30	256722.75	249103.31	3.24	ppb
Iron	57-2	243490.61	244444.85	259228.44	249054.63	3.54	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:01:30	DataFile Name :	014CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.41	1.54	1.50	1.48	4.58	ppb
Lead	207-1	1.42	1.54	1.42	1.46	4.82	ppb
Lead	208-1	1.43	1.52	1.45	1.47	3.36	ppb
Lithium	6-1				89		%
Magnesium	24-2	485516.57	495115.38	514211.85	498281.27	2.93	ppb
Manganese	55-2	8.32	8.86	9.11	8.77	4.60	ppb
Molybdenum	94-1	1.03	1.14	1.18	1.12	7.16	ppb
Molybdenum	95-1	1.07	1.28	1.18	1.18	9.22	ppb
Molybdenum	96-1	1.58	1.69	1.58	1.62	4.01	ppb
Molybdenum	97-1	1.08	1.05	0.95	1.03	6.59	ppb
Molybdenum	98-1	0.98	1.02	1.02	1.01	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.64	3.73	3.90	3.76	3.54	ppb
Phosphorus	31-2	-8.68	-5.77	-18.40	-10.95		ppb
Potassium	39-2	240040.31	247753.94	261324.66	249706.30	4.32	ppb
Rhodium	103-1				87		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				105		%
Selenium	82-1	-0.78	0.07	-0.11	-0.27		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.32	0.22	0.70	0.41	61.25	ppb
Silicon	28-1	22.15	26.54	24.52	24.41	9.00	ppb
Silver	107-1	0.22	0.21	0.21	0.22	4.18	ppb
Silver	109-1	0.21	0.23	0.22	0.22	3.15	ppb
Sodium	23-2	478359.49	497578.26	520309.96	498749.24	4.21	ppb
Strontium	86-1	3.56	3.70	3.87	3.71	4.10	ppb
Strontium	88-1	3.64	3.95	3.78	3.79	4.10	ppb
Sulfur	34-1	-1180.43	-579.47	-1108.58	-956.16		ppb
Terbium	159-1				96		%
Terbium	159-2				105		%
Thallium	203-1	0.11	0.08	0.04	0.08	43.88	ppb
Thallium	205-1	0.10	0.08	0.08	0.08	12.30	ppb
Tin	118-1	0.30	0.35	0.34	0.33	7.17	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:01:30	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.69	1.92	1.69	1.76	7.60	ppb
Uranium	238-1	0.07	0.09	0.08	0.08	17.67	ppb
Vanadium	51-2	0.10	0.09	0.11	0.10	10.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				106		%
Zinc	66-2	17.12	16.94	17.69	17.25	2.29	ppb
Zirconium	90-1	0.24	0.22	0.22	0.23	5.13	ppb
Zirconium	91-1	0.18	0.27	0.20	0.22	22.55	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICV37	Instrumnet Name :	P8
Client Sample ID :	ICV37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:19:33	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	542.26	553.44	543.98	546.56	1.10	ppb
Antimony	121-1	203.54	205.61	211.54	206.90	2.01	ppb
Arsenic	75-2	210.25	217.55	210.94	212.92	1.89	ppb
Barium	135-1	104.23	105.74	107.70	105.89	1.64	ppb
Barium	137-1	105.32	103.79	108.23	105.78	2.13	ppb
Beryllium	9-1	104.41	100.21	105.85	103.49	2.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	9.85	9.49	9.86	9.73	2.15	ppb
Boron	11-1	10.13	9.59	9.94	9.89	2.76	ppb
Bromine	81-1						cps
Cadmium	111-1	107.17	103.82	110.74	107.24	3.23	ppb
Cadmium	106-1	86.29	85.39	85.68	85.79	0.54	ppb
Cadmium	108-1	90.12	91.99	93.03	91.71	1.61	ppb
Calcium	43-1	1949.48	1932.67	2013.71	1965.29	2.18	ppb
Calcium	44-1	1922.36	1911.25	2015.84	1949.81	2.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.04	104.38	101.90	103.44	1.30	ppb
Cobalt	59-2	103.76	106.18	104.23	104.73	1.22	ppb
Copper	63-2	105.19	107.25	104.37	105.60	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	2214.54	2238.96	2181.22	2211.57	1.31	ppb
Iron	56-2	2147.89	2146.87	2140.06	2144.94	0.20	ppb
Iron	57-2	2114.16	2148.17	2087.40	2116.58	1.44	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICV37	Instrumnet Name :	P8
Client Sample ID :	ICV37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:19:33	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	210.95	209.35	210.29	210.20	0.38	ppb
Lead	207-1	202.10	198.88	207.07	202.69	2.04	ppb
Lead	208-1	208.25	204.15	213.13	208.51	2.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	1271.48	1274.33	1269.36	1271.72	0.20	ppb
Manganese	55-2	101.97	102.49	99.61	101.35	1.51	ppb
Molybdenum	94-1	0.62	0.65	0.65	0.64	3.09	ppb
Molybdenum	95-1	0.68	0.61	0.69	0.66	6.26	ppb
Molybdenum	96-1	0.78	0.79	0.69	0.76	7.35	ppb
Molybdenum	97-1	0.60	0.64	0.64	0.63	2.99	ppb
Molybdenum	98-1	0.61	0.61	0.70	0.64	8.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	108.37	109.98	106.83	108.39	1.45	ppb
Phosphorus	31-2	12.14	12.67	-18.21	2.20	803.15	ppb
Potassium	39-2	2063.55	2101.31	2035.23	2066.70	1.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	209.98	213.14	220.14	214.42	2.42	ppb
Selenium	77-2	228.61	234.51	228.66	230.59	1.47	ppb
Selenium	78-2	220.46	226.45	226.69	224.53	1.57	ppb
Silicon	28-1	7.37	8.00	10.76	8.71	20.67	ppb
Silver	107-1	52.71	51.93	54.14	52.93	2.11	ppb
Silver	109-1	51.64	52.87	54.50	53.00	2.70	ppb
Sodium	23-2	2112.78	2184.24	2129.35	2142.12	1.75	ppb
Strontium	86-1	1.61	1.63	1.49	1.58	4.65	ppb
Strontium	88-1	1.57	1.65	1.66	1.63	2.95	ppb
Sulfur	34-1	-293.86	-642.82	-36.07	-324.25		ppb
Terbium	159-1				98		%
Terbium	159-2				103		%
Thallium	203-1	209.83	203.89	212.10	208.60	2.03	ppb
Thallium	205-1	213.65	210.19	216.23	213.36	1.42	ppb
Tin	118-1	0.17	0.17	0.16	0.17	1.99	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICV37	Instrumnet Name :	P8
Client Sample ID :	ICV37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:19:33	DataFile Name :	016ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.73	0.83	0.69	0.75	10.08	ppb
Uranium	238-1	0.12	0.11	0.12	0.12	1.11	ppb
Vanadium	51-2	101.68	101.24	99.09	100.67	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	209.68	216.87	213.14	213.23	1.69	ppb
Zirconium	90-1	0.15	0.16	0.16	0.16	2.24	ppb
Zirconium	91-1	0.19	0.16	0.19	0.18	9.90	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:43:09	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.98	19.78	18.85	19.20	2.63	ppb
Antimony	121-1	1.66	1.96	1.86	1.83	8.20	ppb
Arsenic	75-2	0.89	0.88	0.80	0.85	5.90	ppb
Barium	135-1	8.87	9.21	9.04	9.04	1.89	ppb
Barium	137-1	8.45	9.37	8.99	8.94	5.15	ppb
Beryllium	9-1	0.88	0.98	0.90	0.92	5.54	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	19.31	22.26	23.20	21.59	9.40	ppb
Boron	11-1	21.01	23.53	24.36	22.97	7.59	ppb
Bromine	81-1						cps
Cadmium	111-1	1.11	1.12	1.13	1.12	0.99	ppb
Cadmium	106-1	-0.03	-0.38	0.10	-0.11		ppb
Cadmium	108-1	0.82	1.09	1.08	1.00	15.28	ppb
Calcium	43-1	418.16	446.71	429.28	431.38	3.34	ppb
Calcium	44-1	407.07	445.15	422.14	424.79	4.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.74	1.71	1.68	1.71	1.82	ppb
Cobalt	59-2	0.85	0.93	0.99	0.92	7.92	ppb
Copper	63-2	1.79	1.81	1.85	1.82	1.56	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				101		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	51.47	50.47	49.95	50.63	1.52	ppb
Iron	56-2	47.24	49.40	49.62	48.75	2.71	ppb
Iron	57-2	45.73	49.20	45.20	46.71	4.65	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:43:09	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.89	0.86	0.87	2.06	ppb
Lead	207-1	0.83	0.94	0.90	0.89	6.32	ppb
Lead	208-1	0.87	0.92	0.90	0.90	2.91	ppb
Lithium	6-1				106		%
Magnesium	24-2	443.55	470.01	485.57	466.37	4.56	ppb
Manganese	55-2	0.90	0.90	1.00	0.93	6.47	ppb
Molybdenum	94-1	4.21	4.61	4.34	4.39	4.68	ppb
Molybdenum	95-1	4.26	4.48	4.44	4.39	2.75	ppb
Molybdenum	96-1	4.28	4.61	4.45	4.45	3.72	ppb
Molybdenum	97-1	4.33	4.69	4.37	4.46	4.44	ppb
Molybdenum	98-1	4.32	4.61	4.30	4.41	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.88	0.97	0.93	4.54	ppb
Phosphorus	31-2	-12.63	-18.67	-25.31	-18.87		ppb
Potassium	39-2	429.51	453.45	457.96	446.97	3.42	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	4.47	4.84	4.28	4.53	6.32	ppb
Selenium	77-2	5.24	5.47	3.95	4.89	16.79	ppb
Selenium	78-2	4.64	4.91	4.83	4.79	2.88	ppb
Silicon	28-1	8.57	11.64	8.76	9.65	17.81	ppb
Silver	107-1	0.84	0.90	0.93	0.89	4.86	ppb
Silver	109-1	0.82	0.98	0.89	0.90	9.01	ppb
Sodium	23-2	461.20	487.15	487.11	478.49	3.13	ppb
Strontium	86-1	0.84	0.99	0.99	0.94	9.00	ppb
Strontium	88-1	0.92	1.02	0.98	0.97	5.40	ppb
Sulfur	34-1	-326.10	748.10	135.71	185.90	289.86	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.79	0.88	0.81	0.83	5.85	ppb
Thallium	205-1	0.82	0.87	0.81	0.83	3.91	ppb
Tin	118-1	4.37	4.52	4.35	4.41	2.15	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:43:09	DataFile Name :	017LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.45	4.75	4.55	4.58	3.31	ppb
Uranium	238-1	0.79	0.86	0.83	0.83	4.26	ppb
Vanadium	51-2	4.14	4.39	4.27	4.26	2.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1.73	2.23	2.02	1.99	12.37	ppb
Zirconium	90-1	0.86	0.84	0.88	0.86	2.44	ppb
Zirconium	91-1	0.77	0.85	0.76	0.80	5.96	ppb

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : ICB37 Instrumnet Name : P8
 Client Sample ID : ICB37 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 09:46:10 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.35	0.25	0.32	16.94	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	30.15	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.01	0.01	0.01	0.01	224.05	ppb
Barium	137-1	0.03	0.03	0.03	0.03	12.29	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	4.74	4.05	3.96	4.25	10.07	ppb
Boron	11-1	4.64	4.56	4.05	4.41	7.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.03	-0.01	-0.01	-0.02		ppb
Cadmium	106-1	-0.74	-0.95	-0.18	-0.62		ppb
Cadmium	108-1	0.06	-0.13	-0.12	-0.06		ppb
Calcium	43-1	0.54	-0.07	0.59	0.36	103.51	ppb
Calcium	44-1	-8.09	-8.60	-10.48	-9.06		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.00	0.01	62.79	ppb
Copper	63-2	0.00	-0.02	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	0.88	0.98	0.00	0.62	86.73	ppb
Iron	56-2	0.13	0.08	0.20	0.14	43.62	ppb
Iron	57-2	0.45	-0.16	0.32	0.21	155.33	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICB37	Instrumnet Name :	P8
Client Sample ID :	ICB37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:46:10	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.05	0.06	19.48	ppb
Lead	207-1	0.08	0.09	0.06	0.08	19.32	ppb
Lead	208-1	0.07	0.07	0.06	0.07	11.02	ppb
Lithium	6-1				105		%
Magnesium	24-2	0.57	-0.28	-0.19	0.04	1308.86	ppb
Manganese	55-2	0.02	0.04	0.01	0.02	59.36	ppb
Molybdenum	94-1	-0.02	0.01	0.02	0.00	779.98	ppb
Molybdenum	95-1	0.00	0.01	0.00	0.00	226.96	ppb
Molybdenum	96-1	0.01	0.02	0.00	0.01	149.47	ppb
Molybdenum	97-1	0.00	0.02	0.01	0.01	113.59	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	44.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-4.27	-7.03	-18.29	-9.86		ppb
Potassium	39-2	-2.29	4.93	3.79	2.14	181.30	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.31	-0.02	0.52	0.27	102.67	ppb
Selenium	77-2	0.00	0.79	0.80	0.53	86.61	ppb
Selenium	78-2	0.09	0.54	0.91	0.51	79.99	ppb
Silicon	28-1	2.24	1.99	-0.08	1.39	92.12	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.88	ppb
Silver	109-1	0.02	0.01	0.01	0.01	32.39	ppb
Sodium	23-2	5.78	3.30	3.69	4.26	31.33	ppb
Strontium	86-1	0.07	0.00	-0.06	0.00	1767.71	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	583.89	ppb
Sulfur	34-1	738.74	846.37	-157.57	475.85	115.83	ppb
Terbium	159-1				100		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	-0.01	0.00	348.35	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	27.13	ppb
Tin	118-1	0.06	0.01	0.02	0.03	89.25	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICB37	Instrumnet Name :	P8
Client Sample ID :	ICB37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:46:10	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.05	0.03	0.02	0.00	1732.22	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	102.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.17	-0.02	0.05	0.07	142.51	ppb
Zirconium	90-1	-0.01	0.00	0.02	0.00	282.33	ppb
Zirconium	91-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICSA37	Instrumnet Name :	P8
Client Sample ID :	ICSA37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:49:14	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97679.83	98739.13	99949.26	98789.41	1.15	ppb
Antimony	121-1	1.13	1.13	1.07	1.11	3.21	ppb
Arsenic	75-2	0.31	0.24	0.26	0.27	13.06	ppb
Barium	135-1	1.51	1.35	1.30	1.39	7.69	ppb
Barium	137-1	1.37	1.46	1.38	1.40	3.70	ppb
Beryllium	9-1	0.26	0.26	0.27	0.26	2.08	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	3.38	3.41	3.58	3.46	2.99	ppb
Boron	11-1	3.76	3.67	3.69	3.70	1.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.63	0.49	0.55	0.56	12.49	ppb
Cadmium	106-1	-3.62	-7.51	-6.87	-6.00		ppb
Cadmium	108-1	15.94	15.25	15.19	15.46	2.67	ppb
Calcium	43-1	96235.55	94409.61	97013.00	95886.05	1.39	ppb
Calcium	44-1	94647.43	93059.16	95363.33	94356.64	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.13	19.19	19.44	19.25	0.85	ppb
Cobalt	59-2	1.13	1.10	1.16	1.13	2.56	ppb
Copper	63-2	7.34	7.41	7.57	7.44	1.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	99986.26	98377.76	103534.74	100632.92	2.62	ppb
Iron	56-2	101709.99	102985.91	103995.31	102897.07	1.11	ppb
Iron	57-2	101201.44	102377.41	103223.54	102267.46	0.99	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICSA37	Instrumnet Name :	P8
Client Sample ID :	ICSA37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:49:14	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.68	4.91	4.53	4.71	4.07	ppb
Lead	207-1	4.37	4.44	4.41	4.41	0.78	ppb
Lead	208-1	4.42	4.51	4.42	4.45	1.10	ppb
Lithium	6-1				102		%
Magnesium	24-2	101030.20	99482.53	102040.63	100851.12	1.28	ppb
Manganese	55-2	6.93	7.36	7.13	7.14	3.02	ppb
Molybdenum	94-1	1324.59	1333.43	1288.81	1315.61	1.80	ppb
Molybdenum	95-1	1932.71	1887.79	1906.11	1908.87	1.18	ppb
Molybdenum	96-1	1875.23	1837.74	1863.67	1858.88	1.03	ppb
Molybdenum	97-1	1925.73	1907.25	1902.31	1911.76	0.65	ppb
Molybdenum	98-1	1901.79	1877.83	1889.20	1889.61	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	5.19	5.34	5.24	1.57	ppb
Phosphorus	31-2	96314.44	98099.00	99823.50	98078.98	1.79	ppb
Potassium	39-2	95353.77	97147.85	99446.80	97316.14	2.11	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.58	0.25	0.16	0.33	66.92	ppb
Selenium	77-2	0.00	0.78	0.00	0.26	173.21	ppb
Selenium	78-2	0.79	-0.17	-0.27	0.12	488.07	ppb
Silicon	28-1	35.42	35.74	36.19	35.78	1.09	ppb
Silver	107-1	0.04	0.04	0.03	0.04	24.37	ppb
Silver	109-1	0.04	0.03	0.04	0.04	9.34	ppb
Sodium	23-2	102789.31	103852.23	106694.14	104445.23	1.93	ppb
Strontium	86-1	35.05	33.90	34.52	34.49	1.68	ppb
Strontium	88-1	34.16	33.31	33.96	33.81	1.32	ppb
Sulfur	34-1	105027.73	100719.19	101698.26	102481.73	2.20	ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.04	0.04	0.04	10.82	ppb
Thallium	205-1	0.04	0.05	0.05	0.05	19.80	ppb
Tin	118-1	0.44	0.24	0.23	0.30	39.70	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICSA37	Instrumnet Name :	P8
Client Sample ID :	ICSA37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:49:14	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1970.31	1972.80	2015.49	1986.20	1.28	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	13.14	ppb
Vanadium	51-2	0.13	0.13	0.14	0.13	5.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	10.83	10.63	10.67	10.71	1.00	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	74.98	ppb
Zirconium	91-1	0.01	0.02	-0.02	0.00	551.35	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICSAB37	Instrumnet Name :	P8
Client Sample ID :	ICSAB37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:52:07	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93886.74	100753.91	101799.06	98813.23	4.35	ppb
Antimony	121-1	20.21	21.35	20.15	20.57	3.28	ppb
Arsenic	75-2	19.72	20.53	20.37	20.21	2.12	ppb
Barium	135-1	21.20	21.84	20.19	21.08	3.96	ppb
Barium	137-1	21.26	22.25	21.34	21.61	2.54	ppb
Beryllium	9-1	19.51	20.79	19.50	19.93	3.70	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	58.66	62.87	61.60	61.04	3.54	ppb
Boron	11-1	62.27	67.47	65.72	65.15	4.07	ppb
Bromine	81-1						cps
Cadmium	111-1	19.43	20.97	19.26	19.89	4.74	ppb
Cadmium	106-1	19.00	18.15	19.05	18.73	2.69	ppb
Cadmium	108-1	38.87	38.30	37.05	38.07	2.45	ppb
Calcium	43-1	96674.90	98965.13	92496.81	96045.61	3.41	ppb
Calcium	44-1	95797.46	98154.94	92445.58	95465.99	3.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.00	39.95	39.74	38.90	4.23	ppb
Cobalt	59-2	19.98	21.17	21.04	20.73	3.14	ppb
Copper	63-2	25.68	27.76	27.80	27.08	4.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	98697.87	105214.82	105868.89	103260.53	3.84	ppb
Iron	56-2	99141.66	106878.19	104643.65	103554.50	3.84	ppb
Iron	57-2	99239.50	106294.67	105350.68	103628.28	3.70	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICSAB37	Instrumnet Name :	P8
Client Sample ID :	ICSAB37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:52:07	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.56	25.11	24.02	24.56	2.23	ppb
Lead	207-1	23.39	24.56	23.34	23.76	2.90	ppb
Lead	208-1	23.63	24.59	23.54	23.92	2.43	ppb
Lithium	6-1				102		%
Magnesium	24-2	95076.63	103580.91	101945.84	100201.13	4.50	ppb
Manganese	55-2	25.38	27.22	26.86	26.49	3.69	ppb
Molybdenum	94-1	1397.48	1423.65	1417.30	1412.81	0.97	ppb
Molybdenum	95-1	1950.88	1983.23	1959.86	1964.66	0.85	ppb
Molybdenum	96-1	1903.70	1932.93	1891.15	1909.26	1.12	ppb
Molybdenum	97-1	1935.44	1966.72	1969.48	1957.21	0.97	ppb
Molybdenum	98-1	1908.92	1958.43	1944.46	1937.27	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.87	26.20	25.58	25.22	4.78	ppb
Phosphorus	31-2	94904.50	102351.48	102000.01	99752.00	4.21	ppb
Potassium	39-2	95033.51	102184.16	99145.99	98787.89	3.63	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	82-1	18.53	19.01	19.90	19.15	3.61	ppb
Selenium	77-2	13.95	17.89	22.88	18.24	24.54	ppb
Selenium	78-2	18.46	21.00	21.74	20.40	8.43	ppb
Silicon	28-1	94.19	99.54	74.78	89.50	14.56	ppb
Silver	107-1	18.60	19.08	18.39	18.69	1.88	ppb
Silver	109-1	18.64	19.51	18.65	18.93	2.62	ppb
Sodium	23-2	98113.19	108519.64	109255.92	105296.25	5.92	ppb
Strontium	86-1	84.95	87.18	85.80	85.98	1.31	ppb
Strontium	88-1	85.29	87.27	85.12	85.89	1.39	ppb
Sulfur	34-1	99395.71	105960.71	98816.00	101390.81	3.91	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	19.44	20.66	19.55	19.88	3.40	ppb
Thallium	205-1	20.02	20.93	20.19	20.38	2.36	ppb
Tin	118-1	52.22	54.02	51.78	52.67	2.25	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICSAB37	Instrumnet Name :	P8
Client Sample ID :	ICSAB37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:52:07	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2053.79	2114.31	2002.84	2056.98	2.71	ppb
Uranium	238-1	53.75	55.09	53.91	54.25	1.35	ppb
Vanadium	51-2	19.10	19.80	20.03	19.64	2.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	28.85	31.71	30.71	30.43	4.76	ppb
Zirconium	90-1	52.06	53.76	52.10	52.64	1.85	ppb
Zirconium	91-1	52.11	52.58	51.23	51.97	1.31	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:55:02	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52557.60	52162.46	52246.00	52322.02	0.40	ppb
Antimony	121-1	490.58	479.83	469.02	479.81	2.25	ppb
Arsenic	75-2	516.95	516.90	505.80	513.22	1.25	ppb
Barium	135-1	2503.92	2459.64	2380.51	2448.02	2.55	ppb
Barium	137-1	2486.52	2351.10	2373.44	2403.69	3.02	ppb
Beryllium	9-1	527.39	508.44	493.33	509.72	3.35	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	448.62	464.64	483.02	465.43	3.70	ppb
Boron	11-1	471.76	493.32	510.63	491.90	3.96	ppb
Bromine	81-1						cps
Cadmium	111-1	514.06	505.38	497.42	505.62	1.65	ppb
Cadmium	106-1	515.71	503.55	489.39	502.89	2.62	ppb
Cadmium	108-1	522.17	494.11	493.40	503.23	3.26	ppb
Calcium	43-1	249162.52	236545.38	244143.29	243283.73	2.61	ppb
Calcium	44-1	251084.34	238896.80	245228.08	245069.74	2.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	492.02	481.57	480.35	484.65	1.32	ppb
Cobalt	59-2	496.57	485.36	489.89	490.61	1.15	ppb
Copper	63-2	5004.79	5040.36	4975.60	5006.92	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	54-2	131441.91	127970.64	126748.89	128720.48	1.89	ppb
Iron	56-2	133151.50	130091.49	133129.90	132124.30	1.33	ppb
Iron	57-2	129577.80	128217.37	128597.61	128797.59	0.54	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:55:02	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2477.45	2472.16	2556.50	2502.04	1.89	ppb
Lead	207-1	2475.45	2441.51	2547.32	2488.09	2.17	ppb
Lead	208-1	2481.82	2456.86	2538.51	2492.40	1.68	ppb
Lithium	6-1				102		%
Magnesium	24-2	271721.80	268502.46	267566.12	269263.46	0.81	ppb
Manganese	55-2	5234.82	5156.52	5068.24	5153.19	1.62	ppb
Molybdenum	94-1	2504.38	2418.95	2427.45	2450.26	1.92	ppb
Molybdenum	95-1	2520.95	2417.45	2462.08	2466.83	2.10	ppb
Molybdenum	96-1	2498.10	2427.53	2452.50	2459.38	1.46	ppb
Molybdenum	97-1	2502.48	2417.09	2456.99	2458.85	1.74	ppb
Molybdenum	98-1	2540.35	2423.02	2451.91	2471.76	2.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.44	484.76	480.87	483.69	0.51	ppb
Phosphorus	31-2	10004.89	9944.47	10004.85	9984.74	0.35	ppb
Potassium	39-2	127080.61	127259.75	126081.01	126807.13	0.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	503.63	488.91	493.36	495.30	1.52	ppb
Selenium	77-2	502.98	529.40	508.26	513.55	2.72	ppb
Selenium	78-2	518.00	511.88	503.92	511.27	1.38	ppb
Silicon	28-1	494.61	489.05	506.38	496.68	1.78	ppb
Silver	107-1	489.78	479.42	464.11	477.77	2.70	ppb
Silver	109-1	498.49	469.80	475.53	481.28	3.16	ppb
Sodium	23-2	264093.38	263820.44	263193.34	263702.39	0.18	ppb
Strontium	86-1	4952.64	4839.50	4890.56	4894.23	1.16	ppb
Strontium	88-1	4931.07	4762.76	4829.02	4840.95	1.75	ppb
Sulfur	34-1	9423.27	8654.62	9413.40	9163.76	4.81	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	500.42	512.30	508.34	507.02	1.19	ppb
Thallium	205-1	491.14	498.08	509.36	499.53	1.84	ppb
Tin	118-1	497.29	490.67	477.69	488.55	2.04	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:55:02	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2487.14	2397.16	2443.53	2442.61	1.84	ppb
Uranium	238-1	517.39	517.30	512.46	515.72	0.55	ppb
Vanadium	51-2	505.01	496.63	498.30	499.98	0.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	4877.78	4909.76	4928.02	4905.19	0.52	ppb
Zirconium	90-1	502.47	487.68	494.45	494.86	1.50	ppb
Zirconium	91-1	505.14	484.34	498.80	496.09	2.15	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:03:13	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.30	0.25	0.34	0.30	15.61	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	7.48	ppb
Arsenic	75-2	-0.02	-0.01	-0.03	-0.02		ppb
Barium	135-1	0.00	0.01	0.04	0.01	127.24	ppb
Barium	137-1	0.03	0.03	0.02	0.03	34.92	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	316.30	ppb
Bismuth	209-1				103		%
Bismuth	209-2				107		%
Boron	10-1	7.94	7.49	7.15	7.53	5.31	ppb
Boron	11-1	8.40	8.08	7.79	8.09	3.80	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.08	0.04	-0.03		ppb
Cadmium	106-1	-3.73	-4.14	0.58	-2.43		ppb
Cadmium	108-1	-0.29	-0.22	-0.09	-0.20		ppb
Calcium	43-1	0.64	0.12	0.29	0.35	75.51	ppb
Calcium	44-1	-8.21	-8.31	-10.43	-8.98		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		ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	63.15	ppb
Copper	63-2	0.08	0.08	0.10	0.09	18.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	2.16	1.82	0.82	1.60	43.50	ppb
Iron	56-2	0.95	0.80	0.89	0.88	8.22	ppb
Iron	57-2	0.78	0.10	0.40	0.42	79.97	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:03:13	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.07	0.09	12.40	ppb
Lead	207-1	0.11	0.06	0.07	0.08	28.13	ppb
Lead	208-1	0.10	0.09	0.08	0.09	13.46	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.28	1.91	2.22	1.80	26.67	ppb
Manganese	55-2	0.06	0.03	0.07	0.05	43.01	ppb
Molybdenum	94-1	0.10	0.04	0.06	0.07	41.30	ppb
Molybdenum	95-1	0.07	0.11	0.08	0.09	19.23	ppb
Molybdenum	96-1	0.06	0.08	0.06	0.07	15.01	ppb
Molybdenum	97-1	0.07	0.08	0.07	0.07	10.71	ppb
Molybdenum	98-1	0.07	0.06	0.08	0.07	9.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-10.65	-23.84	-7.48	-13.99		ppb
Potassium	39-2	5.59	3.86	8.99	6.15	42.44	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	-0.18	-0.28	-0.19	-0.22		ppb
Selenium	77-2	0.00	0.00	0.76	0.25	173.21	ppb
Selenium	78-2	0.71	0.58	0.46	0.58	20.96	ppb
Silicon	28-1	-0.62	0.95	-1.52	-0.40		ppb
Silver	107-1	0.03	0.02	0.02	0.02	12.78	ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.08	ppb
Sodium	23-2	13.45	11.54	15.87	13.62	15.92	ppb
Strontium	86-1	0.06	0.01	-0.08	0.00		ppb
Strontium	88-1	0.03	0.03	0.02	0.03	9.10	ppb
Sulfur	34-1	-870.49	-558.95	-1089.29	-839.58		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.07	0.05	0.06	15.55	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	7.79	ppb
Tin	118-1	0.01	0.04	0.02	0.02	79.11	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:03:13	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.03	0.06	0.03	79.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	38.56	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	67.11	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.00	-0.10	-0.07	-0.06		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	53.98	ppb
Zirconium	91-1	0.00	-0.02	0.00	-0.01		ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:23:56	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.81	18.60	18.52	18.64	0.82	ppb
Antimony	121-1	1.70	1.85	1.90	1.82	5.70	ppb
Arsenic	75-2	0.79	0.90	0.84	0.85	6.60	ppb
Barium	135-1	8.55	8.95	9.38	8.96	4.62	ppb
Barium	137-1	8.33	9.60	9.50	9.14	7.71	ppb
Beryllium	9-1	0.86	0.91	0.89	0.88	2.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				107		%
Boron	10-1	17.85	21.18	21.78	20.27	10.46	ppb
Boron	11-1	19.13	22.81	23.57	21.84	10.88	ppb
Bromine	81-1						cps
Cadmium	111-1	1.04	1.21	1.12	1.13	7.45	ppb
Cadmium	106-1	-1.97	-0.48	-1.41	-1.29		ppb
Cadmium	108-1	0.76	0.91	1.06	0.91	16.30	ppb
Calcium	43-1	407.19	446.43	456.05	436.56	5.93	ppb
Calcium	44-1	392.06	436.94	435.61	421.54	6.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.71	1.69	1.81	1.74	3.63	ppb
Cobalt	59-2	0.94	0.90	0.89	0.91	2.95	ppb
Copper	63-2	1.82	1.81	1.86	1.83	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	48.43	47.99	49.58	48.67	1.69	ppb
Iron	56-2	46.34	46.87	47.85	47.02	1.62	ppb
Iron	57-2	50.06	45.18	48.71	47.98	5.25	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:23:56	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.83	0.96	0.83	0.87	8.34	ppb
Lead	207-1	0.86	0.99	0.97	0.94	7.21	ppb
Lead	208-1	0.84	0.98	0.89	0.90	7.65	ppb
Lithium	6-1				109		%
Magnesium	24-2	462.00	471.90	484.72	472.87	2.41	ppb
Manganese	55-2	0.93	0.94	0.93	0.93	0.78	ppb
Molybdenum	94-1	4.18	4.56	4.15	4.30	5.35	ppb
Molybdenum	95-1	4.21	4.87	4.59	4.56	7.21	ppb
Molybdenum	96-1	4.31	4.55	4.24	4.37	3.73	ppb
Molybdenum	97-1	4.00	4.59	4.29	4.29	6.78	ppb
Molybdenum	98-1	4.26	4.61	4.50	4.46	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.94	0.93	1.02	0.97	4.97	ppb
Phosphorus	31-2	-12.92	-17.12	-14.24	-14.76		ppb
Potassium	39-2	434.30	429.03	449.17	437.50	2.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	82-1	4.93	4.98	4.98	4.96	0.64	ppb
Selenium	77-2	6.68	3.90	7.04	5.87	29.29	ppb
Selenium	78-2	4.39	4.81	4.77	4.66	5.01	ppb
Silicon	28-1	7.08	11.98	15.55	11.54	36.87	ppb
Silver	107-1	0.87	0.92	0.94	0.91	3.66	ppb
Silver	109-1	0.86	0.87	0.92	0.88	3.60	ppb
Sodium	23-2	455.70	466.23	481.05	467.66	2.72	ppb
Strontium	86-1	0.95	1.08	0.93	0.99	8.42	ppb
Strontium	88-1	0.91	0.99	0.96	0.96	4.19	ppb
Sulfur	34-1	-708.36	162.28	354.74	-63.78		ppb
Terbium	159-1				100		%
Terbium	159-2				106		%
Thallium	203-1	0.82	0.88	0.86	0.85	3.61	ppb
Thallium	205-1	0.86	0.94	0.92	0.90	4.62	ppb
Tin	118-1	4.19	4.78	4.68	4.55	6.90	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:23:56	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.05	4.62	4.37	4.35	6.59	ppb
Uranium	238-1	0.81	0.91	0.83	0.85	6.33	ppb
Vanadium	51-2	4.17	4.24	4.35	4.26	2.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	2.01	1.85	1.89	1.92	4.30	ppb
Zirconium	90-1	0.84	0.88	0.90	0.87	3.58	ppb
Zirconium	91-1	0.88	0.85	0.84	0.86	2.07	ppb

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : PB139154BL Instrumnet Name : P8
 Client Sample ID : PBW154 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 10:26:57 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.39	-0.34	-0.27		ppb
Antimony	121-1	0.00	0.01	0.01	0.01	29.91	ppb
Arsenic	75-2	-0.02	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.02	0.00	0.02	0.01	70.99	ppb
Barium	137-1	0.04	0.03	0.03	0.03	29.25	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	4.06	3.65	3.31	3.68	10.13	ppb
Boron	11-1	4.06	3.71	3.51	3.76	7.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	0.01	0.02	0.00	963.63	ppb
Cadmium	106-1	-0.79	0.17	0.80	0.06	1296.07	ppb
Cadmium	108-1	-0.23	-0.24	-0.26	-0.25		ppb
Calcium	43-1	-0.38	0.76	-2.04	-0.55		ppb
Calcium	44-1	-13.62	-14.24	-14.87	-14.24		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	-0.04	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.00	0.01	-0.02	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	0.95	0.08	-0.40	0.21	326.72	ppb
Iron	56-2	-0.16	-0.23	-0.11	-0.17		ppb
Iron	57-2	-0.52	-0.16	-0.30	-0.33		ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139154BL	Instrumnet Name :	P8
Client Sample ID :	PBW154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:26:57	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.05	0.04	20.90	ppb
Lead	207-1	0.05	0.04	0.06	0.05	19.59	ppb
Lead	208-1	0.03	0.04	0.04	0.04	9.81	ppb
Lithium	6-1				109		%
Magnesium	24-2	-0.83	-0.65	-0.19	-0.56		ppb
Manganese	55-2	0.01	0.02	0.00	0.01	140.96	ppb
Molybdenum	94-1	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	64.18	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	6.83	ppb
Molybdenum	97-1	0.00	0.01	0.01	0.00	150.76	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	79.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	-0.01	-0.02		ppb
Phosphorus	31-2	-12.18	-4.82	-14.48	-10.50		ppb
Potassium	39-2	4.48	4.60	-1.79	2.43	150.67	ppb
Rhodium	103-1				107		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.37	0.14	-0.18	0.11	251.32	ppb
Selenium	77-2	0.00	0.78	0.00	0.26	173.21	ppb
Selenium	78-2	0.21	0.24	0.29	0.25	16.35	ppb
Silicon	28-1	0.40	-1.64	-2.43	-1.22		ppb
Silver	107-1	0.01	0.01	0.02	0.01	38.84	ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.23	ppb
Sodium	23-2	3.93	6.27	3.94	4.71	28.59	ppb
Strontium	86-1	-0.04	-0.04	-0.03	-0.04		ppb
Strontium	88-1	-0.01	-0.01	-0.01	-0.01		ppb
Sulfur	34-1	287.86	-269.47	-101.58	-27.73		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.01	0.01	0.00	117.29	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	42.62	ppb
Tin	118-1	-0.01	0.00	-0.03	-0.01		ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139154BL	Instrumnet Name :	P8
Client Sample ID :	PBW154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:26:57	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.02	0.00	0.02	65.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		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				105		%
Yttrium	89-2				103		%
Zinc	66-2	-0.13	-0.10	-0.16	-0.13		ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	61.22	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139154BS	Instrumnet Name :	P8
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:30:01	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46.84	45.84	51.02	47.90	5.74	ppb
Antimony	121-1	3.65	4.21	4.00	3.96	7.19	ppb
Arsenic	75-2	1.99	2.10	1.95	2.01	3.70	ppb
Barium	135-1	19.10	20.85	19.80	19.91	4.42	ppb
Barium	137-1	19.28	21.37	20.18	20.28	5.17	ppb
Beryllium	9-1	1.93	2.01	2.04	1.99	2.73	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	38.54	45.45	47.19	43.73	10.46	ppb
Boron	11-1	40.59	48.50	50.57	46.55	11.31	ppb
Bromine	81-1						cps
Cadmium	111-1	2.20	2.26	2.26	2.24	1.56	ppb
Cadmium	106-1	3.37	2.06	0.64	2.02	67.56	ppb
Cadmium	108-1	1.98	2.56	2.37	2.31	12.86	ppb
Calcium	43-1	923.58	991.58	982.51	965.89	3.82	ppb
Calcium	44-1	912.70	985.82	978.66	959.06	4.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.82	4.03	4.29	4.05	5.80	ppb
Cobalt	59-2	1.97	1.97	2.25	2.06	7.75	ppb
Copper	63-2	3.83	3.84	4.20	3.96	5.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	455.40	449.48	470.86	458.58	2.41	ppb
Iron	56-2	455.76	451.19	489.33	465.43	4.48	ppb
Iron	57-2	442.36	431.46	471.17	448.33	4.58	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139154BS	Instrumnet Name :	P8
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:30:01	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.85	1.98	2.04	1.96	4.86	ppb
Lead	207-1	1.77	2.03	2.01	1.94	7.58	ppb
Lead	208-1	1.84	2.00	2.02	1.95	4.99	ppb
Lithium	6-1				109		%
Magnesium	24-2	1060.11	1042.16	1121.60	1074.62	3.88	ppb
Manganese	55-2	2.07	1.96	2.13	2.06	4.19	ppb
Molybdenum	94-1	9.10	9.92	9.92	9.65	4.90	ppb
Molybdenum	95-1	9.32	10.59	10.56	10.15	7.14	ppb
Molybdenum	96-1	9.33	9.83	10.13	9.76	4.12	ppb
Molybdenum	97-1	9.20	10.09	10.28	9.86	5.84	ppb
Molybdenum	98-1	9.32	9.75	9.83	9.63	2.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.12	1.97	2.40	2.16	9.92	ppb
Phosphorus	31-2	-12.46	-14.63	-3.88	-10.32		ppb
Potassium	39-2	1001.92	979.03	1063.10	1014.68	4.28	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	9.08	10.00	10.83	9.97	8.77	ppb
Selenium	77-2	11.60	8.50	8.84	9.65	17.62	ppb
Selenium	78-2	9.65	10.45	10.02	10.04	3.96	ppb
Silicon	28-1	20.61	25.20	24.61	23.47	10.65	ppb
Silver	107-1	1.85	2.14	1.98	1.99	7.15	ppb
Silver	109-1	1.95	2.21	2.02	2.06	6.54	ppb
Sodium	23-2	1049.51	1049.47	1136.33	1078.44	4.65	ppb
Strontium	86-1	2.00	2.41	2.18	2.20	9.24	ppb
Strontium	88-1	2.08	2.13	2.14	2.12	1.31	ppb
Sulfur	34-1	-524.55	87.20	18.97	-139.46		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	1.82	1.88	2.02	1.90	5.45	ppb
Thallium	205-1	1.84	2.04	1.98	1.95	5.23	ppb
Tin	118-1	9.64	10.07	9.48	9.73	3.15	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139154BS	Instrumnet Name :	P8
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:30:01	DataFile Name :	027LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.70	10.43	9.67	9.93	4.37	ppb
Uranium	238-1	1.79	1.97	1.89	1.88	4.83	ppb
Vanadium	51-2	9.95	9.54	10.49	9.99	4.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	10.75	10.83	11.92	11.17	5.89	ppb
Zirconium	90-1	1.88	1.96	1.93	1.93	2.13	ppb
Zirconium	91-1	1.80	1.79	1.78	1.79	0.63	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139155BL	Instrumnet Name :	P8
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:33:01	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.23	0.00	-0.16	-0.13		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	56.12	ppb
Arsenic	75-2	-0.03	-0.02	-0.03	-0.03		ppb
Barium	135-1	0.00	0.03	0.01	0.01	144.23	ppb
Barium	137-1	0.04	0.02	0.02	0.03	47.76	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	5.89	5.57	5.01	5.49	8.14	ppb
Boron	11-1	6.33	5.79	5.26	5.79	9.25	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	0.01	0.01	-0.01		ppb
Cadmium	106-1	-2.34	-0.45	0.36	-0.81		ppb
Cadmium	108-1	-0.34	-0.21	-0.27	-0.27		ppb
Calcium	43-1	-1.35	-0.84	-0.36	-0.85		ppb
Calcium	44-1	-13.87	-13.52	-14.99	-14.13		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	-0.03	0.00	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	151.69	ppb
Copper	63-2	-0.04	-0.03	-0.05	-0.04		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				103		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	0.12	0.35	-0.34	0.05	777.68	ppb
Iron	56-2	-0.27	-0.19	-0.26	-0.24		ppb
Iron	57-2	-0.07	0.37	0.27	0.19	122.38	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139155BL	Instrumnet Name :	P8
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:33:01	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.02	0.03	31.83	ppb
Lead	207-1	0.02	0.05	0.03	0.03	43.75	ppb
Lead	208-1	0.03	0.04	0.03	0.03	29.39	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.06	-0.75	-0.26	-0.32		ppb
Manganese	55-2	0.01	0.01	0.00	0.01	119.77	ppb
Molybdenum	94-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	107.04	ppb
Molybdenum	96-1	-0.01	0.00	-0.01	0.00		ppb
Molybdenum	97-1	0.00	0.01	0.00	0.00	1049.59	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-7.70	-20.10	-5.48	-11.09		ppb
Potassium	39-2	2.11	9.75	-0.82	3.68	148.17	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.62	-0.28	0.01	-0.30		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.26	0.44	0.80	0.33	165.91	ppb
Silicon	28-1	0.96	0.36	-0.46	0.29	248.22	ppb
Silver	107-1	0.01	0.01	0.03	0.02	47.92	ppb
Silver	109-1	0.01	0.02	0.01	0.02	34.00	ppb
Sodium	23-2	2.55	8.44	5.17	5.39	54.73	ppb
Strontium	86-1	-0.02	-0.04	-0.01	-0.03		ppb
Strontium	88-1	0.00	-0.01	0.00	0.00		ppb
Sulfur	34-1	476.26	273.38	-243.41	168.74	219.90	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	85.75	ppb
Tin	118-1	0.58	-0.02	-0.03	0.18	198.58	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139155BL	Instrumnet Name :	P8
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:33:01	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.03	-0.02	0.01	187.67	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	164.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	-0.23	-0.33	-0.15	-0.24		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	2317.76	ppb
Zirconium	91-1	-0.01	-0.01	-0.02	-0.01		ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139155BS	Instrumnet Name :	P8
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:36:04	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.32	51.03	42.33	45.89	9.93	ppb
Antimony	121-1	4.02	4.00	4.07	4.03	0.84	ppb
Arsenic	75-2	1.93	2.23	2.15	2.10	7.41	ppb
Barium	135-1	19.90	20.74	20.79	20.48	2.43	ppb
Barium	137-1	19.72	20.60	20.96	20.43	3.13	ppb
Beryllium	9-1	2.00	1.99	2.11	2.03	3.22	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	41.69	45.89	48.52	45.37	7.59	ppb
Boron	11-1	43.88	47.74	51.47	47.70	7.95	ppb
Bromine	81-1						cps
Cadmium	111-1	2.22	2.51	2.28	2.34	6.62	ppb
Cadmium	106-1	1.27	0.27	-0.02	0.51	133.97	ppb
Cadmium	108-1	2.39	1.52	2.43	2.11	24.38	ppb
Calcium	43-1	987.18	980.04	1019.75	995.66	2.13	ppb
Calcium	44-1	966.44	952.96	1014.04	977.81	3.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.64	4.48	3.85	3.99	11.05	ppb
Cobalt	59-2	1.96	2.25	1.99	2.07	7.63	ppb
Copper	63-2	3.87	4.43	3.69	4.00	9.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	436.16	506.75	422.19	455.03	9.96	ppb
Iron	56-2	444.01	509.95	433.43	462.46	8.97	ppb
Iron	57-2	436.88	502.81	434.04	457.91	8.50	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139155BS	Instrumnet Name :	P8
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:36:04	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.89	2.09	2.00	1.99	5.03	ppb
Lead	207-1	1.92	2.05	2.04	2.01	3.61	ppb
Lead	208-1	1.93	2.02	2.02	1.99	2.62	ppb
Lithium	6-1				107		%
Magnesium	24-2	1031.90	1191.97	1025.20	1083.02	8.72	ppb
Manganese	55-2	1.94	2.16	2.07	2.05	5.33	ppb
Molybdenum	94-1	10.29	9.94	10.72	10.32	3.78	ppb
Molybdenum	95-1	10.08	10.30	10.74	10.37	3.24	ppb
Molybdenum	96-1	10.08	9.88	10.66	10.21	3.95	ppb
Molybdenum	97-1	9.99	10.32	10.47	10.26	2.43	ppb
Molybdenum	98-1	10.18	10.29	10.66	10.38	2.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.08	2.48	2.01	2.19	11.59	ppb
Phosphorus	31-2	-8.88	-12.22	-26.08	-15.73		ppb
Potassium	39-2	956.91	1125.75	963.08	1015.25	9.43	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	10.43	10.36	11.36	10.72	5.22	ppb
Selenium	77-2	13.22	11.11	13.52	12.61	10.42	ppb
Selenium	78-2	9.79	12.22	10.44	10.82	11.64	ppb
Silicon	28-1	23.68	23.96	26.81	24.82	6.97	ppb
Silver	107-1	1.94	2.10	2.11	2.05	4.55	ppb
Silver	109-1	2.00	2.04	2.15	2.06	3.66	ppb
Sodium	23-2	1018.92	1177.75	1019.39	1072.02	8.54	ppb
Strontium	86-1	2.16	2.16	2.29	2.20	3.42	ppb
Strontium	88-1	2.11	2.14	2.23	2.16	2.80	ppb
Sulfur	34-1	199.75	47.28	470.98	239.34	89.67	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	1.93	1.86	1.97	1.92	2.69	ppb
Thallium	205-1	1.92	1.97	1.97	1.95	1.45	ppb
Tin	118-1	9.75	10.13	10.36	10.08	3.04	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139155BS	Instrumnet Name :	P8
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:36:04	DataFile Name :	029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.02	9.78	10.70	10.16	4.69	ppb
Uranium	238-1	1.94	1.96	1.94	1.94	0.65	ppb
Vanadium	51-2	9.45	11.12	9.18	9.92	10.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				103		%
Zinc	66-2	11.07	12.95	10.65	11.56	10.61	ppb
Zirconium	90-1	1.89	1.93	2.08	1.97	4.92	ppb
Zirconium	91-1	1.86	1.86	1.90	1.87	1.23	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:57:13	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	133.48	149.11	146.81	143.13	5.90	ppb
Antimony	121-1	0.29	0.31	0.32	0.31	6.24	ppb
Arsenic	75-2	1.56	1.50	1.51	1.52	1.98	ppb
Barium	135-1	48.08	52.50	50.16	50.25	4.40	ppb
Barium	137-1	48.74	50.73	49.24	49.57	2.08	ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	46.75	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	67.74	80.75	81.17	76.55	9.98	ppb
Boron	11-1	72.86	84.48	85.92	81.09	8.83	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.08	-0.09	-0.08		ppb
Cadmium	106-1	-3.03	-3.99	-4.07	-3.70		ppb
Cadmium	108-1	-0.10	-0.16	-0.09	-0.12		ppb
Calcium	43-1	24390.97	24943.12	24658.75	24664.28	1.12	ppb
Calcium	44-1	24415.56	24547.18	24219.10	24393.95	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.36	1.44	1.56	1.45	7.11	ppb
Cobalt	59-2	0.39	0.38	0.40	0.39	1.92	ppb
Copper	63-2	3.89	3.84	3.84	3.86	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	677.53	698.57	690.64	688.91	1.54	ppb
Iron	56-2	679.57	701.42	698.17	693.05	1.70	ppb
Iron	57-2	676.59	680.06	687.55	681.40	0.82	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:57:13	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.74	0.73	0.71	0.73	2.07	ppb
Lead	207-1	0.69	0.71	0.76	0.72	4.85	ppb
Lead	208-1	0.70	0.72	0.73	0.72	1.80	ppb
Lithium	6-1				108		%
Magnesium	24-2	9202.49	9225.91	9218.91	9215.77	0.13	ppb
Manganese	55-2	252.65	257.35	254.43	254.81	0.93	ppb
Molybdenum	94-1	1.07	1.05	1.00	1.04	3.33	ppb
Molybdenum	95-1	1.37	1.49	1.40	1.42	4.49	ppb
Molybdenum	96-1	1.25	1.33	1.29	1.29	3.03	ppb
Molybdenum	97-1	1.25	1.35	1.36	1.32	4.78	ppb
Molybdenum	98-1	1.31	1.43	1.36	1.37	4.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.32	2.29	2.25	4.06	ppb
Phosphorus	31-2	398.11	345.74	332.47	358.77	9.67	ppb
Potassium	39-2	3076.17	3163.26	3169.72	3136.38	1.67	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	0.24	0.13	0.60	0.32	74.63	ppb
Selenium	77-2	0.77	1.58	0.80	1.05	44.10	ppb
Selenium	78-2	0.54	0.32	1.03	0.63	56.92	ppb
Silicon	28-1	3809.79	3964.26	3877.39	3883.81	1.99	ppb
Silver	107-1	0.02	0.02	0.03	0.02	25.28	ppb
Silver	109-1	0.03	0.03	0.04	0.03	7.05	ppb
Sodium	23-2	34966.12	35848.85	35240.46	35351.81	1.28	ppb
Strontium	86-1	136.81	139.99	135.26	137.35	1.75	ppb
Strontium	88-1	133.99	138.69	135.02	135.90	1.82	ppb
Sulfur	34-1	10263.81	10365.18	10178.20	10269.06	0.91	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	0.00	-0.01		ppb
Tin	118-1	0.15	0.13	0.14	0.14	4.66	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:57:13	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.61	18.62	4.67	9.30	86.81	ppb
Uranium	238-1	0.11	0.12	0.13	0.12	6.45	ppb
Vanadium	51-2	1.09	1.15	1.09	1.11	3.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	8.45	8.91	8.77	8.71	2.70	ppb
Zirconium	90-1	0.09	0.08	0.08	0.08	7.68	ppb
Zirconium	91-1	0.05	0.06	0.09	0.07	31.98	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:00:09	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	131.71	130.44	134.40	132.18	1.53	ppb
Antimony	121-1	0.26	0.34	0.29	0.30	12.32	ppb
Arsenic	75-2	1.43	1.66	1.48	1.52	7.93	ppb
Barium	135-1	47.59	51.05	51.71	50.12	4.42	ppb
Barium	137-1	47.90	50.80	52.41	50.37	4.53	ppb
Beryllium	9-1	0.01	0.01	0.00	0.00	192.75	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	71.85	81.21	88.47	80.51	10.35	ppb
Boron	11-1	76.09	85.70	92.94	84.91	9.96	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.04	-0.09	-0.06		ppb
Cadmium	106-1	-2.31	-2.62	-4.38	-3.10		ppb
Cadmium	108-1	-0.15	-0.11	-0.13	-0.13		ppb
Calcium	43-1	23411.67	24863.03	25347.63	24540.78	4.11	ppb
Calcium	44-1	23393.15	24521.85	24848.45	24254.48	3.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.05	1.00	1.14	1.06	6.77	ppb
Cobalt	59-2	0.35	0.39	0.46	0.40	14.11	ppb
Copper	63-2	3.67	3.69	4.10	3.82	6.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				102		%
Iron	54-2	631.88	662.32	690.52	661.57	4.43	ppb
Iron	56-2	643.73	659.14	702.86	668.58	4.59	ppb
Iron	57-2	650.02	679.72	683.91	671.22	2.75	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:00:09	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.63	0.75	0.68	0.69	8.40	ppb
Lead	207-1	0.64	0.70	0.62	0.65	6.03	ppb
Lead	208-1	0.64	0.69	0.66	0.66	4.39	ppb
Lithium	6-1				109		%
Magnesium	24-2	8790.06	9066.87	9271.34	9042.76	2.67	ppb
Manganese	55-2	246.63	246.59	253.36	248.86	1.57	ppb
Molybdenum	94-1	1.05	1.05	2.27	1.46	48.42	ppb
Molybdenum	95-1	1.35	1.42	1.47	1.41	4.49	ppb
Molybdenum	96-1	1.23	1.33	1.34	1.30	4.56	ppb
Molybdenum	97-1	1.32	1.32	1.33	1.32	0.51	ppb
Molybdenum	98-1	1.25	1.37	1.41	1.34	6.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.99	1.86	2.06	1.97	5.24	ppb
Phosphorus	31-2	324.30	320.07	324.83	323.07	0.81	ppb
Potassium	39-2	2967.95	3034.55	3154.78	3052.43	3.10	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	0.29	0.32	0.38	0.33	14.18	ppb
Selenium	77-2	0.00	0.77	0.00	0.26	173.21	ppb
Selenium	78-2	0.59	0.47	0.67	0.58	17.57	ppb
Silicon	28-1	3664.62	3776.54	4080.67	3840.61	5.61	ppb
Silver	107-1	0.01	0.01	0.02	0.01	65.75	ppb
Silver	109-1	0.02	0.02	0.01	0.02	5.01	ppb
Sodium	23-2	33554.34	34756.86	34938.20	34416.46	2.19	ppb
Strontium	86-1	131.55	138.06	142.97	137.53	4.17	ppb
Strontium	88-1	130.38	137.91	139.35	135.88	3.54	ppb
Sulfur	34-1	9012.66	9610.81	10618.85	9747.44	8.33	ppb
Terbium	159-1				104		%
Terbium	159-2				108		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.16	0.12	0.15	0.14	13.82	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:00:09	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.23	4.19	4.33	4.25	1.78	ppb
Uranium	238-1	0.11	0.10	0.11	0.11	3.68	ppb
Vanadium	51-2	1.03	1.08	1.22	1.11	8.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	9.01	9.52	9.54	9.36	3.24	ppb
Zirconium	90-1	0.07	0.08	0.09	0.08	12.52	ppb
Zirconium	91-1	0.34	0.10	0.12	0.19	71.04	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 11:03:08	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.41	27.24	26.08	26.25	3.54	ppb
Antimony	121-1	0.08	0.06	0.05	0.06	24.26	ppb
Arsenic	75-2	0.17	0.29	0.34	0.27	32.13	ppb
Barium	135-1	9.48	9.95	9.61	9.68	2.52	ppb
Barium	137-1	9.68	9.89	9.71	9.76	1.16	ppb
Beryllium	9-1	-0.01	-0.01	0.00	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	22.72	21.59	23.13	22.48	3.54	ppb
Boron	11-1	24.23	23.69	24.70	24.21	2.09	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.06	-0.03	-0.03		ppb
Cadmium	106-1	0.28	-2.77	-1.27	-1.25		ppb
Cadmium	108-1	-0.16	-0.19	-0.01	-0.12		ppb
Calcium	43-1	4633.83	4738.04	4732.67	4701.51	1.25	ppb
Calcium	44-1	4583.75	4723.33	4733.00	4680.02	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.18	0.19	0.20	0.19	6.27	ppb
Cobalt	59-2	0.06	0.07	0.08	0.07	12.38	ppb
Copper	63-2	0.75	0.75	0.69	0.73	4.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	129.01	131.30	131.68	130.66	1.10	ppb
Iron	56-2	135.29	137.33	133.14	135.25	1.55	ppb
Iron	57-2	131.81	133.68	137.53	134.34	2.17	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 11:03:08	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.16	0.16	3.20	ppb
Lead	207-1	0.16	0.18	0.16	0.17	5.39	ppb
Lead	208-1	0.15	0.16	0.16	0.15	4.94	ppb
Lithium	6-1				108		%
Magnesium	24-2	1766.93	1786.06	1791.46	1781.48	0.72	ppb
Manganese	55-2	48.73	50.60	49.29	49.54	1.95	ppb
Molybdenum	94-1	0.17	0.20	0.12	0.17	23.68	ppb
Molybdenum	95-1	0.25	0.26	0.24	0.25	2.77	ppb
Molybdenum	96-1	0.22	0.23	0.21	0.22	5.31	ppb
Molybdenum	97-1	0.27	0.24	0.24	0.25	5.90	ppb
Molybdenum	98-1	0.25	0.23	0.24	0.24	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.38	0.43	0.38	12.31	ppb
Phosphorus	31-2	57.74	33.15	74.13	55.01	37.50	ppb
Potassium	39-2	586.61	620.87	610.08	605.85	2.89	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.10	0.81	0.43	0.45	78.98	ppb
Selenium	77-2	0.00	0.00	0.79	0.26	173.21	ppb
Selenium	78-2	0.46	0.10	0.20	0.25	73.48	ppb
Silicon	28-1	723.26	759.92	740.03	741.07	2.48	ppb
Silver	107-1	0.01	0.02	0.00	0.01	70.38	ppb
Silver	109-1	0.01	0.00	0.01	0.01	74.41	ppb
Sodium	23-2	6842.19	6902.08	6674.91	6806.39	1.73	ppb
Strontium	86-1	26.13	26.69	27.18	26.67	1.96	ppb
Strontium	88-1	25.95	26.56	26.58	26.37	1.36	ppb
Sulfur	34-1	2079.54	2455.57	2401.54	2312.21	8.79	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.01		ppb
Tin	118-1	0.09	0.11	0.09	0.10	10.17	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 11:03:08	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.77	1.03	0.76	0.85	17.43	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	20.43	ppb
Vanadium	51-2	0.24	0.18	0.20	0.21	14.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	1.46	1.84	1.56	1.62	12.14	ppb
Zirconium	90-1	0.00	0.02	0.02	0.01	78.88	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	25.73	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:06:06	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.53	40.37	38.39	39.76	2.99	ppb
Antimony	121-1	0.45	0.48	0.46	0.46	2.59	ppb
Arsenic	75-2	1.52	1.50	1.43	1.48	3.23	ppb
Barium	135-1	47.65	44.75	47.21	46.54	3.36	ppb
Barium	137-1	47.36	45.19	48.17	46.91	3.28	ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	588.22	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	74.23	83.61	85.05	80.96	7.26	ppb
Boron	11-1	80.70	87.59	90.12	86.14	5.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.02	-0.04	0.00		ppb
Cadmium	106-1	-1.07	-0.74	-4.55	-2.12		ppb
Cadmium	108-1	-0.14	0.02	-0.21	-0.11		ppb
Calcium	43-1	24593.61	24511.84	25207.02	24770.82	1.53	ppb
Calcium	44-1	24587.17	24299.95	25020.65	24635.93	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.31	1.29	1.32	1.31	1.17	ppb
Cobalt	59-2	0.94	0.92	0.92	0.92	1.23	ppb
Copper	63-2	39.97	38.98	38.28	39.07	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	339.85	313.89	315.51	323.08	4.50	ppb
Iron	56-2	333.73	327.95	320.89	327.52	1.96	ppb
Iron	57-2	335.79	314.23	328.84	326.29	3.37	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:06:06	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.75	2.70	2.84	2.76	2.62	ppb
Lead	207-1	2.66	2.52	2.68	2.62	3.42	ppb
Lead	208-1	2.73	2.63	2.75	2.70	2.48	ppb
Lithium	6-1				108		%
Magnesium	24-2	9665.28	9210.83	9196.57	9357.56	2.85	ppb
Manganese	55-2	255.27	247.77	244.13	249.05	2.28	ppb
Molybdenum	94-1	0.98	1.10	1.09	1.06	6.08	ppb
Molybdenum	95-1	1.29	1.29	1.27	1.28	0.47	ppb
Molybdenum	96-1	1.34	1.29	1.34	1.33	2.22	ppb
Molybdenum	97-1	1.23	1.38	1.31	1.31	5.43	ppb
Molybdenum	98-1	1.32	1.25	1.26	1.28	2.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.85	2.65	2.73	2.75	3.64	ppb
Phosphorus	31-2	304.95	231.90	213.28	250.04	19.38	ppb
Potassium	39-2	3294.72	3240.72	3187.37	3240.94	1.66	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.31	0.52	0.24	0.35	41.64	ppb
Selenium	77-2	0.80	0.00	0.80	0.53	86.60	ppb
Selenium	78-2	0.28	0.61	0.89	0.59	51.48	ppb
Silicon	28-1	3680.83	3645.38	3812.78	3712.99	2.38	ppb
Silver	107-1	0.01	0.01	0.00	0.01	120.55	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.12	ppb
Sodium	23-2	36652.13	35889.30	35188.95	35910.13	2.04	ppb
Strontium	86-1	137.47	138.25	142.08	139.27	1.77	ppb
Strontium	88-1	135.37	132.67	135.85	134.63	1.27	ppb
Sulfur	34-1	9786.91	9730.40	10018.89	9845.40	1.55	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.34	0.35	0.35	0.35	1.19	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:06:06	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.35	1.51	1.53	1.46	6.53	ppb
Uranium	238-1	0.07	0.07	0.08	0.07	13.86	ppb
Vanadium	51-2	1.06	1.02	0.94	1.01	6.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	69.77	66.71	67.60	68.03	2.31	ppb
Zirconium	90-1	0.08	0.07	0.09	0.08	11.41	ppb
Zirconium	91-1	0.07	0.12	0.08	0.09	28.57	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:09:10	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	396.30	385.62	380.67	387.53	2.06	ppb
Antimony	121-1	0.45	0.41	0.41	0.42	5.56	ppb
Arsenic	75-2	4.63	5.08	5.21	4.97	6.12	ppb
Barium	135-1	78.46	79.20	74.26	77.31	3.44	ppb
Barium	137-1	78.67	80.44	74.55	77.88	3.88	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	15.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	130.80	143.30	134.91	136.34	4.67	ppb
Boron	11-1	142.84	153.72	146.28	147.61	3.77	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	0.02	-0.06	-0.01		ppb
Cadmium	106-1	-1.43	-0.79	-4.20	-2.14		ppb
Cadmium	108-1	-0.11	-0.08	-0.13	-0.11		ppb
Calcium	43-1	32773.28	34136.06	31637.81	32849.05	3.81	ppb
Calcium	44-1	32282.92	33801.86	31517.30	32534.03	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	13.49	13.29	13.78	13.52	1.84	ppb
Cobalt	59-2	1.03	1.01	1.06	1.03	2.65	ppb
Copper	63-2	8.95	9.22	9.11	9.09	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	54-2	2716.42	2830.93	2798.90	2782.08	2.12	ppb
Iron	56-2	2806.05	2781.20	2830.06	2805.77	0.87	ppb
Iron	57-2	2696.49	2798.15	2806.25	2766.96	2.21	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:09:10	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.57	2.71	2.31	2.53	7.96	ppb
Lead	207-1	2.46	2.41	2.33	2.40	2.66	ppb
Lead	208-1	2.45	2.73	2.29	2.49	9.06	ppb
Lithium	6-1				107		%
Magnesium	24-2	12836.82	12866.71	12505.29	12736.27	1.57	ppb
Manganese	55-2	760.73	763.83	766.63	763.73	0.39	ppb
Molybdenum	94-1	1.56	1.83	1.54	1.65	9.85	ppb
Molybdenum	95-1	1.95	2.12	1.85	1.97	6.94	ppb
Molybdenum	96-1	1.80	1.96	1.79	1.85	5.15	ppb
Molybdenum	97-1	1.92	2.10	1.93	1.98	5.13	ppb
Molybdenum	98-1	1.98	1.93	1.91	1.94	1.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.70	10.64	10.91	10.75	1.30	ppb
Phosphorus	31-2	300.20	277.50	287.69	288.46	3.94	ppb
Potassium	39-2	3328.26	3324.73	3333.96	3328.99	0.14	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	0.64	0.07	0.59	0.43	72.94	ppb
Selenium	77-2	0.82	0.00	0.84	0.56	86.62	ppb
Selenium	78-2	1.25	1.11	0.52	0.96	40.45	ppb
Silicon	28-1	5510.26	5637.54	5284.97	5477.59	3.26	ppb
Silver	107-1	0.07	0.10	0.08	0.08	18.62	ppb
Silver	109-1	0.06	0.08	0.10	0.08	24.15	ppb
Sodium	23-2	48433.24	49929.19	48732.17	49031.53	1.61	ppb
Strontium	86-1	176.09	180.29	167.76	174.71	3.65	ppb
Strontium	88-1	169.55	179.56	165.83	171.65	4.14	ppb
Sulfur	34-1	15665.90	16596.33	14687.48	15649.90	6.10	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.37	0.37	0.34	0.36	5.24	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:09:10	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	15.30	13.03	12.82	13.72	10.04	ppb
Uranium	238-1	0.13	0.14	0.13	0.13	5.78	ppb
Vanadium	51-2	2.02	2.23	2.18	2.14	5.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	21.66	22.70	22.37	22.24	2.40	ppb
Zirconium	90-1	0.21	0.20	0.16	0.19	14.09	ppb
Zirconium	91-1	0.22	0.17	0.15	0.18	18.99	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:13:04	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54837.55	54709.00	51180.66	53575.74	3.87	ppb
Antimony	121-1	470.33	478.54	466.13	471.67	1.34	ppb
Arsenic	75-2	520.71	509.15	499.00	509.62	2.13	ppb
Barium	135-1	2375.10	2471.41	2392.34	2412.95	2.13	ppb
Barium	137-1	2371.35	2470.93	2353.41	2398.57	2.64	ppb
Beryllium	9-1	496.41	489.66	482.26	489.44	1.45	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	436.26	455.29	462.09	451.22	2.97	ppb
Boron	11-1	454.25	488.76	496.71	479.91	4.70	ppb
Bromine	81-1						cps
Cadmium	111-1	482.60	506.28	488.99	492.62	2.49	ppb
Cadmium	106-1	482.84	512.98	498.53	498.12	3.03	ppb
Cadmium	108-1	485.99	510.75	495.69	497.48	2.51	ppb
Calcium	43-1	239024.54	242562.86	250393.97	243993.79	2.38	ppb
Calcium	44-1	236975.43	241164.21	247397.13	241845.59	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	489.56	488.94	475.71	484.74	1.61	ppb
Cobalt	59-2	497.34	505.59	483.60	495.51	2.24	ppb
Copper	63-2	5106.01	5115.72	5012.66	5078.13	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	54-2	131055.93	130854.66	126694.12	129534.90	1.90	ppb
Iron	56-2	132538.01	133381.60	127758.96	131226.19	2.31	ppb
Iron	57-2	130157.86	133936.93	128019.15	130704.65	2.29	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:13:04	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2478.88	2491.40	2483.43	2484.57	0.25	ppb
Lead	207-1	2480.21	2525.83	2469.75	2491.93	1.20	ppb
Lead	208-1	2481.66	2478.09	2429.85	2463.20	1.17	ppb
Lithium	6-1				103		%
Magnesium	24-2	274805.22	278177.26	259269.55	270750.68	3.72	ppb
Manganese	55-2	5182.78	5240.64	5086.72	5170.05	1.50	ppb
Molybdenum	94-1	2357.43	2400.70	2454.63	2404.25	2.03	ppb
Molybdenum	95-1	2380.38	2438.54	2459.02	2425.98	1.68	ppb
Molybdenum	96-1	2388.64	2435.55	2409.42	2411.21	0.97	ppb
Molybdenum	97-1	2356.26	2400.47	2419.95	2392.23	1.36	ppb
Molybdenum	98-1	2362.96	2376.58	2421.75	2387.09	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.77	484.82	467.46	481.35	2.60	ppb
Phosphorus	31-2	10247.82	10011.87	9867.67	10042.45	1.91	ppb
Potassium	39-2	126936.61	129457.11	123510.67	126634.80	2.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	477.14	482.45	483.49	481.03	0.71	ppb
Selenium	77-2	486.15	517.54	478.78	494.16	4.17	ppb
Selenium	78-2	520.10	512.75	496.21	509.69	2.40	ppb
Silicon	28-1	472.07	482.19	502.88	485.71	3.23	ppb
Silver	107-1	452.10	479.89	470.15	467.38	3.02	ppb
Silver	109-1	449.47	476.76	464.47	463.57	2.95	ppb
Sodium	23-2	270139.42	273783.16	262072.33	268664.97	2.23	ppb
Strontium	86-1	4724.41	4815.03	4778.24	4772.56	0.95	ppb
Strontium	88-1	4728.47	4778.22	4704.57	4737.09	0.79	ppb
Sulfur	34-1	10377.68	10263.27	10244.12	10295.03	0.70	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	497.78	490.01	478.53	488.77	1.98	ppb
Thallium	205-1	503.40	494.95	492.16	496.84	1.18	ppb
Tin	118-1	475.54	488.57	471.31	478.47	1.88	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:13:04	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2469.68	2485.38	2475.07	2476.71	0.32	ppb
Uranium	238-1	503.61	509.64	497.57	503.61	1.20	ppb
Vanadium	51-2	500.89	503.10	490.08	498.02	1.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	4999.64	5000.20	4863.94	4954.59	1.58	ppb
Zirconium	90-1	481.29	485.50	491.51	486.10	1.06	ppb
Zirconium	91-1	482.95	495.51	499.67	492.71	1.77	ppb

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 11:24:07 DataFile Name : 036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.43	0.17	0.20	106.73	ppb
Antimony	121-1	0.03	0.04	0.05	0.04	19.89	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	-0.02	-0.02	0.01	-0.01		ppb
Barium	137-1	0.02	0.02	0.03	0.02	31.97	ppb
Beryllium	9-1	0.00	0.00	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	7.12	6.82	7.26	7.07	3.12	ppb
Boron	11-1	7.68	7.60	7.72	7.66	0.79	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.12	-0.04	-0.07		ppb
Cadmium	106-1	-1.10	-5.53	-1.44	-2.69		ppb
Cadmium	108-1	0.11	-0.18	-0.01	-0.03		ppb
Calcium	43-1	0.15	0.08	-0.51	-0.09		ppb
Calcium	44-1	-15.26	-14.51	-14.75	-14.84		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	0.01	0.01	12.60	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	78.94	ppb
Copper	63-2	0.02	0.03	0.02	0.02	31.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	-0.09	0.80	0.93	0.55	100.96	ppb
Iron	56-2	0.62	0.57	0.74	0.64	14.12	ppb
Iron	57-2	-0.14	0.59	1.44	0.63	125.12	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:24:07	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.05	0.04	0.06	45.72	ppb
Lead	207-1	0.05	0.06	0.07	0.06	21.06	ppb
Lead	208-1	0.06	0.06	0.06	0.06	4.32	ppb
Lithium	6-1				107		%
Magnesium	24-2	1.70	1.22	1.18	1.37	20.95	ppb
Manganese	55-2	0.04	0.05	0.05	0.04	15.24	ppb
Molybdenum	94-1	0.03	0.04	-0.02	0.02	172.74	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	10.33	ppb
Molybdenum	96-1	0.05	0.01	0.01	0.02	86.13	ppb
Molybdenum	97-1	0.03	0.02	0.03	0.03	18.33	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	5.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	0.00	-0.01		ppb
Phosphorus	31-2	-15.85	-10.94	-14.48	-13.76		ppb
Potassium	39-2	4.42	4.32	11.17	6.64	59.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	0.60	0.28	0.08	0.32	81.07	ppb
Selenium	77-2	0.00	0.81	0.00	0.27	173.21	ppb
Selenium	78-2	0.22	0.43	-0.08	0.19	135.91	ppb
Silicon	28-1	-0.78	-0.04	-0.05	-0.29		ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.56	ppb
Silver	109-1	0.02	0.01	0.01	0.01	63.22	ppb
Sodium	23-2	7.76	8.59	12.92	9.76	28.40	ppb
Strontium	86-1	-0.04	-0.01	-0.04	-0.03		ppb
Strontium	88-1	0.02	0.02	0.02	0.02	20.50	ppb
Sulfur	34-1	-431.12	-259.58	-250.44	-313.72		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	-0.01	0.00	587.01	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	44.95	ppb
Tin	118-1	0.00	-0.01	0.00	0.00		ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:24:07	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.09	0.05	0.06	33.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	19.14	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	91.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	-0.06	-0.17	0.04	-0.06		ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	159.85	ppb
Zirconium	91-1	0.02	-0.01	0.02	0.01	144.29	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-04	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:27:07	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.59	32.12	31.77	32.49	2.98	ppb
Antimony	121-1	0.54	0.51	0.59	0.55	7.12	ppb
Arsenic	75-2	2.23	2.40	2.12	2.25	6.28	ppb
Barium	135-1	59.82	59.87	62.95	60.88	2.94	ppb
Barium	137-1	59.85	59.85	63.16	60.95	3.14	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	48.15	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	124.02	126.36	141.72	130.70	7.36	ppb
Boron	11-1	132.47	137.02	149.42	139.64	6.28	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.10	-0.10	-0.08		ppb
Cadmium	106-1	-2.20	-3.89	-3.99	-3.36		ppb
Cadmium	108-1	-0.03	-0.20	0.05	-0.06		ppb
Calcium	43-1	31401.16	30903.46	31635.31	31313.31	1.19	ppb
Calcium	44-1	31536.58	30224.56	32337.85	31366.33	3.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.39	0.34	0.28	0.34	15.69	ppb
Cobalt	59-2	0.43	0.45	0.41	0.43	4.76	ppb
Copper	63-2	2.88	2.68	2.59	2.72	5.50	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				105		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	54-2	50.14	48.82	46.77	48.58	3.49	ppb
Iron	56-2	49.90	48.13	45.71	47.91	4.39	ppb
Iron	57-2	51.15	50.32	49.92	50.47	1.25	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-04	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:27:07	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.07	0.09	0.09	15.40	ppb
Lead	207-1	0.11	0.11	0.12	0.11	9.86	ppb
Lead	208-1	0.10	0.09	0.10	0.10	4.53	ppb
Lithium	6-1				110		%
Magnesium	24-2	12317.53	11995.88	11035.76	11783.06	5.66	ppb
Manganese	55-2	510.52	496.00	475.28	493.94	3.59	ppb
Molybdenum	94-1	1.19	1.17	1.37	1.24	8.83	ppb
Molybdenum	95-1	1.57	1.59	1.63	1.60	1.88	ppb
Molybdenum	96-1	1.59	1.57	1.69	1.62	4.12	ppb
Molybdenum	97-1	1.67	1.81	1.67	1.71	4.70	ppb
Molybdenum	98-1	1.59	1.63	1.63	1.62	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.95	3.19	2.65	2.93	9.15	ppb
Phosphorus	31-2	11.88	4.25	-8.39	2.58	397.29	ppb
Potassium	39-2	3147.67	3092.69	2907.43	3049.26	4.13	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	0.38	0.35	0.23	0.32	25.79	ppb
Selenium	77-2	0.00	0.79	0.76	0.52	86.64	ppb
Selenium	78-2	0.70	-0.02	0.92	0.53	92.80	ppb
Silicon	28-1	4860.97	4680.11	4895.40	4812.16	2.40	ppb
Silver	107-1	0.00	0.01	0.01	0.01	49.82	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.07	ppb
Sodium	23-2	47273.10	46741.23	42955.45	45656.59	5.16	ppb
Strontium	86-1	164.35	159.99	170.05	164.80	3.06	ppb
Strontium	88-1	163.00	158.53	164.59	162.04	1.94	ppb
Sulfur	34-1	14675.18	13357.01	14408.81	14147.00	4.93	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.01	-0.01	0.01	0.00	333.46	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	32.62	ppb
Tin	118-1	0.03	0.05	0.06	0.04	33.17	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-04	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:27:07	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.41	0.40	0.42	0.41	2.66	ppb
Uranium	238-1	0.08	0.08	0.08	0.08	1.64	ppb
Vanadium	51-2	0.42	0.45	0.38	0.42	8.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	47.80	45.48	45.97	46.42	2.63	ppb
Zirconium	90-1	0.05	0.04	0.05	0.04	15.07	ppb
Zirconium	91-1	0.06	0.06	0.03	0.05	34.48	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:30:06	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	131.15	132.70	134.50	132.78	1.26	ppb
Antimony	121-1	0.33	0.30	0.34	0.32	6.17	ppb
Arsenic	75-2	1.10	1.05	1.07	1.08	2.43	ppb
Barium	135-1	61.96	64.69	66.13	64.26	3.29	ppb
Barium	137-1	63.94	64.62	68.65	65.74	3.87	ppb
Beryllium	9-1	0.00	0.00	0.01	0.00	123.42	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	137.30	153.55	161.39	150.75	8.15	ppb
Boron	11-1	146.43	162.45	172.82	160.57	8.28	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.07	-0.10	-0.06	-0.08		ppb
Cadmium	106-1	-3.00	-4.76	-2.54	-3.44		ppb
Cadmium	108-1	-0.06	-0.10	-0.14	-0.10		ppb
Calcium	43-1	34134.33	35931.74	36396.71	35487.60	3.37	ppb
Calcium	44-1	34247.18	35146.91	35495.88	34963.33	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.62	0.69	0.60	0.64	7.83	ppb
Cobalt	59-2	0.18	0.20	0.21	0.20	8.76	ppb
Copper	63-2	2.71	2.75	2.76	2.74	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	275.24	262.35	273.54	270.38	2.59	ppb
Iron	56-2	268.06	283.05	276.17	275.76	2.72	ppb
Iron	57-2	282.70	291.26	269.64	281.20	3.87	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:30:06	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.41	0.36	0.44	0.40	10.48	ppb
Lead	207-1	0.42	0.42	0.45	0.43	4.27	ppb
Lead	208-1	0.41	0.40	0.45	0.42	5.71	ppb
Lithium	6-1				110		%
Magnesium	24-2	11446.66	11565.65	11469.24	11493.85	0.55	ppb
Manganese	55-2	111.20	111.79	110.50	111.16	0.58	ppb
Molybdenum	94-1	0.69	0.81	1.11	0.87	24.93	ppb
Molybdenum	95-1	0.98	0.96	0.98	0.98	1.16	ppb
Molybdenum	96-1	0.93	1.00	0.96	0.96	3.25	ppb
Molybdenum	97-1	0.90	0.94	0.93	0.92	2.42	ppb
Molybdenum	98-1	0.94	0.99	1.01	0.98	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.11	1.05	1.10	4.21	ppb
Phosphorus	31-2	148.86	118.50	112.61	126.65	15.36	ppb
Potassium	39-2	2878.86	2904.29	2857.71	2880.29	0.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	0.36	0.17	0.64	0.39	60.30	ppb
Selenium	77-2	0.79	0.79	0.00	0.53	86.60	ppb
Selenium	78-2	0.54	0.05	0.54	0.38	75.44	ppb
Silicon	28-1	4389.93	4799.03	4686.20	4625.05	4.57	ppb
Silver	107-1	0.01	0.00	0.01	0.01	29.23	ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.61	ppb
Sodium	23-2	58886.20	59154.52	57929.84	58656.85	1.10	ppb
Strontium	86-1	170.48	178.76	179.51	176.25	2.85	ppb
Strontium	88-1	168.30	176.31	176.03	173.55	2.62	ppb
Sulfur	34-1	11140.54	12453.12	12437.02	12010.23	6.27	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	528.21	ppb
Tin	118-1	0.09	0.07	0.04	0.07	32.41	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:30:06	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.10	5.24	6.93	5.42	26.25	ppb
Uranium	238-1	0.12	0.12	0.11	0.12	3.36	ppb
Vanadium	51-2	1.64	1.68	1.71	1.67	2.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				101		%
Zinc	66-2	7.29	7.84	7.62	7.59	3.64	ppb
Zirconium	90-1	0.06	0.09	0.08	0.08	15.95	ppb
Zirconium	91-1	0.08	0.05	0.10	0.08	34.19	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:33:03	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.57	43.90	42.82	43.43	1.27	ppb
Antimony	121-1	0.45	0.45	0.39	0.43	8.06	ppb
Arsenic	75-2	0.87	0.85	0.83	0.85	2.44	ppb
Barium	135-1	64.38	62.16	59.28	61.94	4.13	ppb
Barium	137-1	63.32	62.36	60.02	61.90	2.75	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	152.94	151.53	158.38	154.28	2.35	ppb
Boron	11-1	165.50	163.85	173.83	167.73	3.19	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.05	-0.08	-0.07		ppb
Cadmium	106-1	-4.07	-2.40	-4.24	-3.57		ppb
Cadmium	108-1	-0.09	-0.11	-0.20	-0.13		ppb
Calcium	43-1	36234.41	33970.12	34544.23	34916.25	3.37	ppb
Calcium	44-1	35430.85	33768.53	34167.68	34455.69	2.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.46	0.47	0.49	0.47	4.18	ppb
Cobalt	59-2	0.14	0.16	0.15	0.15	5.92	ppb
Copper	63-2	2.43	2.45	2.37	2.42	1.80	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				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	19.66	18.38	17.94	18.66	4.79	ppb
Iron	56-2	18.94	18.59	17.97	18.50	2.66	ppb
Iron	57-2	24.01	23.83	24.22	24.02	0.81	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:33:03	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.15	0.11	0.11	0.13	17.10	ppb
Lead	207-1	0.13	0.16	0.10	0.13	22.59	ppb
Lead	208-1	0.15	0.14	0.12	0.13	11.52	ppb
Lithium	6-1				109		%
Magnesium	24-2	11679.87	11588.81	11328.05	11532.24	1.58	ppb
Manganese	55-2	73.82	72.19	70.47	72.16	2.32	ppb
Molybdenum	94-1	0.71	0.72	0.71	0.71	1.00	ppb
Molybdenum	95-1	1.01	0.97	0.89	0.96	6.21	ppb
Molybdenum	96-1	0.94	0.95	0.86	0.92	5.52	ppb
Molybdenum	97-1	1.07	0.92	0.95	0.98	8.37	ppb
Molybdenum	98-1	1.09	0.96	0.94	1.00	7.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.07	1.15	1.08	6.82	ppb
Phosphorus	31-2	88.29	111.07	78.57	92.64	18.01	ppb
Potassium	39-2	2907.10	2850.04	2809.31	2855.48	1.72	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.00	0.25	0.28	0.18	86.92	ppb
Selenium	77-2	0.00	0.00	0.78	0.26	173.21	ppb
Selenium	78-2	0.51	0.28	0.38	0.39	30.08	ppb
Silicon	28-1	4494.08	4253.63	4185.21	4310.98	3.76	ppb
Silver	107-1	0.01	0.00	0.00	0.00	53.18	ppb
Silver	109-1	0.00	0.01	0.00	0.00	66.16	ppb
Sodium	23-2	59856.15	58742.50	60023.01	59540.55	1.17	ppb
Strontium	86-1	179.45	171.65	165.39	172.16	4.09	ppb
Strontium	88-1	179.05	168.64	166.43	171.37	3.93	ppb
Sulfur	34-1	12765.79	11329.02	11881.51	11992.11	6.04	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.00	0.00	0.00	2345.76	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	399.22	ppb
Tin	118-1	0.17	0.11	0.13	0.14	20.31	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:33:03	DataFile Name :	039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.62	0.43	0.42	0.49	22.94	ppb
Uranium	238-1	0.09	0.10	0.09	0.09	8.56	ppb
Vanadium	51-2	1.34	1.25	1.32	1.30	3.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	66.31	64.86	64.31	65.16	1.59	ppb
Zirconium	90-1	0.03	0.01	0.03	0.03	39.44	ppb
Zirconium	91-1	0.05	0.03	0.02	0.03	39.56	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:36:01	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	119.00	118.85	115.41	117.75	1.73	ppb
Antimony	121-1	0.12	0.11	0.10	0.11	12.49	ppb
Arsenic	75-2	0.61	0.53	0.60	0.58	7.21	ppb
Barium	135-1	37.92	36.15	35.14	36.40	3.87	ppb
Barium	137-1	37.03	36.40	35.87	36.43	1.60	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	66.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	47.81	48.21	49.30	48.44	1.59	ppb
Boron	11-1	52.01	52.39	52.28	52.23	0.38	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.05	-0.08	-0.06		ppb
Cadmium	106-1	-2.25	-2.41	-3.67	-2.78		ppb
Cadmium	108-1	-0.29	-0.17	-0.32	-0.26		ppb
Calcium	43-1	18636.52	18712.51	18045.18	18464.73	1.98	ppb
Calcium	44-1	18199.82	18755.20	18093.38	18349.46	1.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.94	0.84	0.88	0.88	5.48	ppb
Cobalt	59-2	0.14	0.13	0.12	0.13	4.88	ppb
Copper	63-2	1.58	1.49	1.58	1.55	3.56	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				106		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	228.33	225.65	236.83	230.27	2.53	ppb
Iron	56-2	230.20	231.91	226.95	229.69	1.10	ppb
Iron	57-2	218.33	224.07	225.83	222.74	1.76	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:36:01	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.28	0.27	0.25	0.27	4.70	ppb
Lead	207-1	0.24	0.28	0.23	0.25	10.61	ppb
Lead	208-1	0.26	0.26	0.25	0.26	1.24	ppb
Lithium	6-1				111		%
Magnesium	24-2	7673.16	7625.69	7790.10	7696.32	1.10	ppb
Manganese	55-2	23.83	23.01	23.70	23.51	1.89	ppb
Molybdenum	94-1	0.54	0.58	0.61	0.58	5.41	ppb
Molybdenum	95-1	0.71	0.74	0.71	0.72	2.32	ppb
Molybdenum	96-1	0.68	0.69	0.68	0.68	0.33	ppb
Molybdenum	97-1	0.67	0.76	0.76	0.73	7.23	ppb
Molybdenum	98-1	0.69	0.68	0.72	0.69	3.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.75	0.75	0.76	0.76	0.64	ppb
Phosphorus	31-2	13.02	21.49	27.17	20.56	34.62	ppb
Potassium	39-2	2093.46	2079.80	2123.47	2098.91	1.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	0.42	-0.04	1.06	0.48	114.26	ppb
Selenium	77-2	0.78	0.00	0.79	0.53	86.61	ppb
Selenium	78-2	0.17	0.51	-0.22	0.15	236.07	ppb
Silicon	28-1	2981.55	3026.92	2905.79	2971.42	2.06	ppb
Silver	107-1	0.01	0.01	0.00	0.01	56.12	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.55	ppb
Sodium	23-2	21710.96	21918.27	21809.20	21812.81	0.48	ppb
Strontium	86-1	103.32	106.18	106.01	105.17	1.52	ppb
Strontium	88-1	104.51	106.70	105.04	105.42	1.08	ppb
Sulfur	34-1	5074.60	5021.84	4340.37	4812.27	8.51	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	143.65	ppb
Tin	118-1	0.09	0.05	0.06	0.07	27.23	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:36:01	DataFile Name :	040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.81	3.28	4.68	3.92	18.03	ppb
Uranium	238-1	0.14	0.15	0.13	0.14	8.69	ppb
Vanadium	51-2	0.88	0.88	0.95	0.90	4.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	2.04	2.38	2.51	2.31	10.48	ppb
Zirconium	90-1	0.05	0.06	0.03	0.05	27.83	ppb
Zirconium	91-1	0.10	0.03	0.03	0.05	65.90	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:38:58	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	29.47	32.47	36.97	32.97	11.45	ppb
Antimony	121-1	0.34	0.37	0.41	0.37	8.73	ppb
Arsenic	75-2	0.61	0.46	0.61	0.56	15.39	ppb
Barium	135-1	30.46	33.48	35.56	33.16	7.74	ppb
Barium	137-1	30.48	33.11	34.90	32.83	6.78	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	82.07	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	42.69	43.12	46.39	44.07	4.59	ppb
Boron	11-1	45.59	46.14	48.84	46.85	3.72	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	0.00	-0.05	-0.03		ppb
Cadmium	106-1	-2.56	-1.43	-2.94	-2.31		ppb
Cadmium	108-1	-0.21	0.00	-0.13	-0.12		ppb
Calcium	43-1	17905.57	18440.05	19844.57	18730.06	5.35	ppb
Calcium	44-1	17825.91	18380.98	19411.88	18539.59	4.34	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.66	0.76	0.83	0.75	11.86	ppb
Cobalt	59-2	0.28	0.31	0.36	0.32	13.64	ppb
Copper	63-2	5.19	5.36	6.30	5.62	10.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	260.58	281.36	319.06	287.00	10.33	ppb
Iron	56-2	270.70	280.91	324.25	291.95	9.74	ppb
Iron	57-2	274.04	276.42	318.69	289.72	8.67	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:38:58	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.25	1.39	1.54	1.39	10.48	ppb
Lead	207-1	1.25	1.43	1.51	1.40	9.79	ppb
Lead	208-1	1.26	1.38	1.48	1.37	8.10	ppb
Lithium	6-1				109		%
Magnesium	24-2	7357.38	7941.24	8832.70	8043.77	9.24	ppb
Manganese	55-2	10.18	10.70	12.33	11.07	10.13	ppb
Molybdenum	94-1	0.56	0.58	0.73	0.63	14.85	ppb
Molybdenum	95-1	0.65	0.65	0.71	0.67	5.34	ppb
Molybdenum	96-1	0.65	0.75	0.72	0.71	6.92	ppb
Molybdenum	97-1	0.80	0.69	0.90	0.80	13.34	ppb
Molybdenum	98-1	0.76	0.71	0.81	0.76	6.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.97	1.12	0.98	13.28	ppb
Phosphorus	31-2	17.80	-9.09	40.24	16.31	151.40	ppb
Potassium	39-2	1992.48	2093.60	2440.99	2175.69	10.81	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	0.26	-0.41	0.47	0.11	432.68	ppb
Selenium	77-2	0.76	0.00	0.00	0.25	173.21	ppb
Selenium	78-2	-0.07	0.79	0.76	0.49	99.27	ppb
Silicon	28-1	2820.93	2973.08	3063.17	2952.39	4.15	ppb
Silver	107-1	0.00	0.01	0.01	0.01	39.66	ppb
Silver	109-1	0.00	0.00	0.00	0.00	36.38	ppb
Sodium	23-2	21454.08	22964.20	25656.16	23358.14	9.11	ppb
Strontium	86-1	103.66	105.64	112.35	107.22	4.25	ppb
Strontium	88-1	101.60	104.87	113.15	106.54	5.59	ppb
Sulfur	34-1	4935.40	5283.56	6132.50	5450.49	11.30	ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	0.00		ppb
Tin	118-1	0.24	0.29	0.33	0.29	15.39	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:38:58	DataFile Name :	041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.94	1.06	0.94	0.98	7.26	ppb
Uranium	238-1	0.11	0.11	0.11	0.11	2.24	ppb
Vanadium	51-2	0.82	0.79	0.96	0.86	10.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	39.79	41.91	48.23	43.31	10.14	ppb
Zirconium	90-1	0.03	0.04	0.06	0.04	32.97	ppb
Zirconium	91-1	0.06	0.02	0.05	0.04	53.22	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-09	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:41:57	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101.58	114.50	105.75	107.28	6.15	ppb
Antimony	121-1	0.29	0.30	0.30	0.30	2.78	ppb
Arsenic	75-2	1.20	1.34	1.26	1.26	5.27	ppb
Barium	135-1	67.46	69.82	69.52	68.93	1.86	ppb
Barium	137-1	68.85	70.01	70.00	69.62	0.96	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00	556.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	144.24	155.37	154.80	151.47	4.14	ppb
Boron	11-1	155.32	166.04	162.60	161.32	3.39	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.03	-0.07	-0.05		ppb
Cadmium	106-1	-2.60	-1.27	-3.72	-2.53		ppb
Cadmium	108-1	-0.10	-0.24	-0.10	-0.14		ppb
Calcium	43-1	37852.52	38203.45	36823.59	37626.52	1.91	ppb
Calcium	44-1	37911.91	37095.48	36391.96	37133.12	2.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.58	0.72	0.71	0.67	11.24	ppb
Cobalt	59-2	0.33	0.35	0.34	0.34	3.72	ppb
Copper	63-2	2.36	2.51	2.52	2.47	3.58	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				102		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	819.82	892.71	847.28	853.27	4.31	ppb
Iron	56-2	848.59	939.45	888.58	892.20	5.10	ppb
Iron	57-2	842.47	886.63	855.74	861.61	2.63	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-09	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:41:57	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.46	0.42	0.44	0.44	4.59	ppb
Lead	207-1	0.43	0.46	0.47	0.45	4.72	ppb
Lead	208-1	0.45	0.45	0.46	0.45	0.78	ppb
Lithium	6-1				110		%
Magnesium	24-2	15634.36	16763.52	16053.13	16150.34	3.53	ppb
Manganese	55-2	480.94	520.58	497.66	499.73	3.98	ppb
Molybdenum	94-1	0.97	0.90	0.95	0.94	3.95	ppb
Molybdenum	95-1	1.15	1.20	1.12	1.16	3.50	ppb
Molybdenum	96-1	1.19	1.19	1.16	1.18	1.59	ppb
Molybdenum	97-1	1.13	1.18	1.20	1.17	2.82	ppb
Molybdenum	98-1	1.11	1.14	1.19	1.15	3.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.30	1.40	1.32	1.34	4.07	ppb
Phosphorus	31-2	167.13	215.87	131.97	171.66	24.55	ppb
Potassium	39-2	3082.26	3339.71	3149.96	3190.64	4.18	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	82-1	-0.12	0.24	0.69	0.27	150.75	ppb
Selenium	77-2	1.59	0.00	1.62	1.07	86.62	ppb
Selenium	78-2	0.60	0.51	1.14	0.75	45.43	ppb
Silicon	28-1	4938.70	5030.05	4833.21	4933.99	2.00	ppb
Silver	107-1	0.01	0.01	0.01	0.01	31.98	ppb
Silver	109-1	0.00	0.00	0.01	0.01	96.14	ppb
Sodium	23-2	56075.24	59343.58	58028.86	57815.89	2.84	ppb
Strontium	86-1	189.01	186.56	188.37	187.98	0.68	ppb
Strontium	88-1	187.38	181.00	185.37	184.58	1.77	ppb
Sulfur	34-1	19859.60	20093.30	18448.42	19467.11	4.57	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	-0.01	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	-0.01	0.00	0.00	4453.21	ppb
Tin	118-1	0.24	0.21	0.21	0.22	9.33	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-09	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:41:57	DataFile Name :	042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.60	3.74	3.98	3.77	5.10	ppb
Uranium	238-1	0.16	0.15	0.20	0.17	13.98	ppb
Vanadium	51-2	1.37	1.54	1.47	1.46	5.88	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	11.73	13.29	12.63	12.55	6.24	ppb
Zirconium	90-1	0.08	0.07	0.09	0.08	14.79	ppb
Zirconium	91-1	0.06	0.09	0.08	0.08	19.33	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-10	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:44:51	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.12	2.90	2.70	2.91	7.29	ppb
Antimony	121-1	0.33	0.36	0.34	0.34	4.75	ppb
Arsenic	75-2	0.97	0.83	0.75	0.85	13.12	ppb
Barium	135-1	65.42	62.66	63.48	63.85	2.22	ppb
Barium	137-1	65.77	61.79	64.24	63.93	3.14	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	149.69	156.56	167.64	157.97	5.73	ppb
Boron	11-1	163.55	171.52	181.97	172.34	5.36	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.03	0.01	-0.02		ppb
Cadmium	106-1	-2.18	-1.57	-0.09	-1.28		ppb
Cadmium	108-1	-0.14	-0.19	-0.15	-0.16		ppb
Calcium	43-1	37991.09	37208.35	36349.11	37182.85	2.21	ppb
Calcium	44-1	37839.40	36826.43	36087.13	36917.65	2.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.44	0.36	0.30	0.37	18.10	ppb
Cobalt	59-2	0.28	0.32	0.28	0.30	7.59	ppb
Copper	63-2	1.53	1.50	1.44	1.49	2.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	20.69	20.45	19.90	20.35	1.97	ppb
Iron	56-2	21.51	21.38	20.80	21.23	1.79	ppb
Iron	57-2	23.15	29.41	26.11	26.22	11.95	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-10	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:44:51	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.04	0.04	0.04	7.01	ppb
Lead	207-1	0.06	0.05	0.05	0.05	11.10	ppb
Lead	208-1	0.05	0.04	0.03	0.04	19.14	ppb
Lithium	6-1				110		%
Magnesium	24-2	16946.12	16502.46	15846.98	16431.85	3.37	ppb
Manganese	55-2	482.25	468.65	456.02	468.97	2.80	ppb
Molybdenum	94-1	0.80	0.75	0.82	0.79	4.42	ppb
Molybdenum	95-1	1.09	1.06	1.11	1.09	2.23	ppb
Molybdenum	96-1	1.01	1.06	1.06	1.04	2.95	ppb
Molybdenum	97-1	1.14	1.15	1.04	1.11	5.23	ppb
Molybdenum	98-1	1.07	1.05	1.17	1.09	6.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.25	1.39	1.26	1.30	6.17	ppb
Phosphorus	31-2	21.64	32.34	39.98	31.32	29.42	ppb
Potassium	39-2	3220.83	3152.43	3102.66	3158.64	1.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	0.21	0.14	0.42	0.26	56.61	ppb
Selenium	77-2	0.00	0.00	0.81	0.27	173.21	ppb
Selenium	78-2	0.18	0.45	0.65	0.43	55.08	ppb
Silicon	28-1	4902.55	4758.20	4695.71	4785.49	2.22	ppb
Silver	107-1	0.00	0.01	0.00	0.00	126.05	ppb
Silver	109-1	0.01	0.00	0.00	0.01	65.44	ppb
Sodium	23-2	58376.94	57763.16	56035.02	57391.71	2.12	ppb
Strontium	86-1	188.76	186.47	188.28	187.84	0.64	ppb
Strontium	88-1	188.18	183.51	183.05	184.91	1.53	ppb
Sulfur	34-1	19163.52	19111.34	18155.39	18810.08	3.02	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.00	0.00		ppb
Tin	118-1	0.07	0.02	0.03	0.04	54.42	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-10	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:44:51	DataFile Name :	043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.30	0.42	0.41	0.38	17.35	ppb
Uranium	238-1	0.15	0.15	0.16	0.15	4.25	ppb
Vanadium	51-2	0.80	0.71	0.70	0.73	8.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				98		%
Zinc	66-2	5.22	4.79	4.50	4.84	7.59	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	35.12	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	105.77	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:00:19	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11158.71	10332.53	10688.91	10726.71	3.86	ppb
Antimony	121-1	464.60	458.10	476.12	466.27	1.96	ppb
Arsenic	75-2	517.08	474.61	491.16	494.28	4.33	ppb
Barium	135-1	2536.40	2497.09	2576.40	2536.63	1.56	ppb
Barium	137-1	2493.25	2437.00	2549.43	2493.23	2.25	ppb
Beryllium	9-1	476.07	481.21	493.28	483.52	1.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	486.29	508.55	542.27	512.37	5.50	ppb
Boron	11-1	497.90	507.07	522.43	509.13	2.43	ppb
Bromine	81-1						cps
Cadmium	111-1	466.06	469.02	475.02	470.03	0.97	ppb
Cadmium	106-1	483.86	466.06	479.79	476.57	1.96	ppb
Cadmium	108-1	490.40	492.39	504.16	495.65	1.50	ppb
Calcium	43-1	78312.29	75934.09	78396.94	77547.77	1.80	ppb
Calcium	44-1	74935.20	72329.36	74904.55	74056.37	2.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.59	459.11	471.01	475.90	4.14	ppb
Cobalt	59-2	523.29	471.22	489.32	494.61	5.34	ppb
Copper	63-2	5543.23	5175.74	5216.86	5311.94	3.79	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				102		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	54-2	29355.18	26350.31	26869.48	27524.99	5.84	ppb
Iron	56-2	28436.42	25833.57	26270.48	26846.82	5.19	ppb
Iron	57-2	27775.27	25444.24	26049.13	26422.88	4.58	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:00:19	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2514.62	2511.62	2510.61	2512.28	0.08	ppb
Lead	207-1	2546.73	2536.32	2540.46	2541.17	0.21	ppb
Lead	208-1	2510.80	2490.80	2539.59	2513.73	0.98	ppb
Lithium	6-1				103		%
Magnesium	24-2	65915.77	61753.39	63284.22	63651.13	3.31	ppb
Manganese	55-2	5767.46	5255.59	5327.56	5450.20	5.08	ppb
Molybdenum	94-1	3820.07	3830.73	3681.62	3777.47	2.20	ppb
Molybdenum	95-1	4519.83	4528.98	4424.25	4491.02	1.29	ppb
Molybdenum	96-1	4422.52	4487.81	4332.84	4414.39	1.76	ppb
Molybdenum	97-1	4439.96	4502.68	4331.89	4424.84	1.95	ppb
Molybdenum	98-1	4553.38	4366.27	4355.61	4425.09	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.68	467.67	482.61	486.99	4.48	ppb
Phosphorus	31-2	316.59	314.91	308.56	313.36	1.35	ppb
Potassium	39-2	29182.99	27473.74	28229.79	28295.51	3.03	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	473.53	478.45	476.39	476.12	0.52	ppb
Selenium	77-2	492.54	467.43	514.73	491.57	4.81	ppb
Selenium	78-2	510.70	460.83	466.08	479.20	5.72	ppb
Silicon	28-1	4177.86	4140.48	4525.93	4281.42	4.96	ppb
Silver	107-1	343.59	354.13	367.65	355.12	3.40	ppb
Silver	109-1	399.01	417.13	377.36	397.83	5.00	ppb
Sodium	23-2	92492.25	84814.60	86764.36	88023.74	4.53	ppb
Strontium	86-1	4896.74	4944.23	4946.39	4929.12	0.57	ppb
Strontium	88-1	4860.30	4777.89	4934.55	4857.58	1.61	ppb
Sulfur	34-1	10000.85	11779.83	12667.18	11482.62	11.82	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	475.59	481.03	493.30	483.31	1.88	ppb
Thallium	205-1	474.61	482.99	492.12	483.24	1.81	ppb
Tin	118-1	476.89	484.94	489.68	483.84	1.34	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:00:19	DataFile Name :	044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4336.38	4391.41	4462.30	4396.70	1.44	ppb
Uranium	238-1	490.00	500.12	520.82	503.65	3.12	ppb
Vanadium	51-2	495.54	459.88	472.73	476.05	3.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				93		%
Zinc	66-2	5488.49	5191.41	5282.72	5320.87	2.86	ppb
Zirconium	90-1	467.38	468.39	471.78	469.18	0.49	ppb
Zirconium	91-1	483.25	477.73	480.05	480.34	0.58	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:03:20	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10430.63	10680.89	11016.21	10709.24	2.74	ppb
Antimony	121-1	487.63	501.96	489.86	493.15	1.56	ppb
Arsenic	75-2	478.57	483.50	498.91	486.99	2.18	ppb
Barium	135-1	2701.96	2601.68	2671.58	2658.41	1.93	ppb
Barium	137-1	2601.90	2578.57	2594.55	2591.67	0.46	ppb
Beryllium	9-1	485.04	498.55	498.24	493.94	1.56	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	535.37	571.38	586.41	564.39	4.65	ppb
Boron	11-1	535.39	558.08	602.33	565.27	6.02	ppb
Bromine	81-1						cps
Cadmium	111-1	496.37	486.61	487.71	490.23	1.09	ppb
Cadmium	106-1	503.03	487.80	490.20	493.68	1.66	ppb
Cadmium	108-1	516.49	519.58	502.49	512.85	1.78	ppb
Calcium	43-1	76768.95	76027.79	81296.49	78031.08	3.66	ppb
Calcium	44-1	73348.84	74164.79	76249.96	74587.86	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	460.35	472.39	483.75	472.16	2.48	ppb
Cobalt	59-2	474.11	488.20	516.14	492.81	4.34	ppb
Copper	63-2	5307.34	5265.09	5591.63	5388.02	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	26988.26	27301.63	27844.39	27378.09	1.58	ppb
Iron	56-2	26814.72	27126.80	27833.92	27258.48	1.92	ppb
Iron	57-2	25630.72	26360.44	27241.36	26410.84	3.05	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:03:20	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2497.04	2483.82	2605.92	2528.92	2.65	ppb
Lead	207-1	2578.24	2577.45	2619.01	2591.57	0.92	ppb
Lead	208-1	2555.28	2518.64	2623.00	2565.64	2.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	61307.64	62327.53	63490.19	62375.12	1.75	ppb
Manganese	55-2	5353.33	5448.06	5587.51	5462.96	2.16	ppb
Molybdenum	94-1	3977.36	3888.24	3912.19	3925.93	1.17	ppb
Molybdenum	95-1	4699.47	4593.76	4706.19	4666.47	1.35	ppb
Molybdenum	96-1	4630.31	4577.38	4608.94	4605.54	0.58	ppb
Molybdenum	97-1	4614.03	4533.20	4635.11	4594.11	1.17	ppb
Molybdenum	98-1	4598.99	4473.11	4703.33	4591.81	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	480.66	481.86	500.70	487.74	2.30	ppb
Phosphorus	31-2	305.50	302.78	332.76	313.68	5.29	ppb
Potassium	39-2	27420.33	28578.25	29491.15	28496.58	3.64	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	485.34	481.58	493.26	486.72	1.23	ppb
Selenium	77-2	435.96	483.41	455.96	458.44	5.20	ppb
Selenium	78-2	448.58	474.74	488.96	470.76	4.35	ppb
Silicon	28-1	4262.20	4248.75	4359.01	4289.99	1.40	ppb
Silver	107-1	346.04	370.34	412.69	376.35	8.96	ppb
Silver	109-1	361.39	472.55	409.59	414.51	13.45	ppb
Sodium	23-2	84836.35	86352.94	90006.55	87065.28	3.05	ppb
Strontium	86-1	5079.51	4968.05	5083.06	5043.54	1.30	ppb
Strontium	88-1	5007.15	4931.11	5121.73	5020.00	1.91	ppb
Sulfur	34-1	11909.73	11759.73	12254.10	11974.52	2.12	ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	485.80	495.12	499.59	493.50	1.43	ppb
Thallium	205-1	494.25	490.44	505.95	496.88	1.63	ppb
Tin	118-1	515.61	508.41	506.69	510.24	0.93	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:03:20	DataFile Name :	045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4535.26	4529.20	4551.79	4538.75	0.26	ppb
Uranium	238-1	520.51	511.95	522.57	518.34	1.09	ppb
Vanadium	51-2	469.70	478.33	498.58	482.20	3.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	5155.11	5156.44	5530.57	5280.71	4.10	ppb
Zirconium	90-1	491.49	488.22	491.24	490.31	0.37	ppb
Zirconium	91-1	495.65	487.97	492.65	492.09	0.79	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:06:15	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10930.53	10351.49	10897.24	10726.42	3.03	ppb
Antimony	121-1	450.97	458.81	461.56	457.11	1.20	ppb
Arsenic	75-2	493.09	480.66	486.24	486.66	1.28	ppb
Barium	135-1	2523.87	2470.28	2481.46	2491.87	1.13	ppb
Barium	137-1	2438.64	2417.00	2478.21	2444.62	1.27	ppb
Beryllium	9-1	489.34	470.85	479.70	479.96	1.93	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	552.90	552.55	600.06	568.50	4.81	ppb
Boron	11-1	581.47	560.26	588.65	576.79	2.56	ppb
Bromine	81-1						cps
Cadmium	111-1	465.37	460.93	469.83	465.38	0.96	ppb
Cadmium	106-1	463.63	463.96	477.60	468.40	1.70	ppb
Cadmium	108-1	475.48	489.23	490.19	484.97	1.70	ppb
Calcium	43-1	74754.13	77522.92	75881.70	76052.92	1.83	ppb
Calcium	44-1	72056.21	74503.78	74662.64	73740.88	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.95	451.37	479.53	472.28	3.90	ppb
Cobalt	59-2	500.10	466.61	497.49	488.07	3.82	ppb
Copper	63-2	5433.86	5116.45	5342.41	5297.57	3.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	27703.98	26282.94	27575.02	27187.31	2.89	ppb
Iron	56-2	28047.27	25688.98	27715.06	27150.44	4.70	ppb
Iron	57-2	27148.32	25568.43	26903.76	26540.17	3.20	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:06:15	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2449.60	2484.70	2484.86	2473.05	0.82	ppb
Lead	207-1	2441.78	2601.06	2484.81	2509.22	3.28	ppb
Lead	208-1	2445.48	2554.63	2461.20	2487.10	2.37	ppb
Lithium	6-1				104		%
Magnesium	24-2	64820.13	60608.41	62844.50	62757.68	3.36	ppb
Manganese	55-2	5648.87	5175.17	5430.27	5418.10	4.38	ppb
Molybdenum	94-1	3774.86	3773.38	3796.55	3781.60	0.34	ppb
Molybdenum	95-1	4471.32	4443.79	4419.12	4444.74	0.59	ppb
Molybdenum	96-1	4455.44	4359.55	4326.31	4380.43	1.53	ppb
Molybdenum	97-1	4481.34	4395.00	4363.14	4413.16	1.39	ppb
Molybdenum	98-1	4455.06	4406.17	4355.43	4405.56	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.07	468.32	490.86	484.08	2.83	ppb
Phosphorus	31-2	412.70	379.39	312.51	368.20	13.86	ppb
Potassium	39-2	28550.17	27678.88	29463.39	28564.15	3.12	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	473.14	473.61	471.98	472.91	0.18	ppb
Selenium	77-2	500.90	480.86	476.48	486.08	2.68	ppb
Selenium	78-2	480.31	452.29	468.68	467.09	3.01	ppb
Silicon	28-1	4141.81	4111.35	4395.70	4216.29	3.70	ppb
Silver	107-1	385.88	355.69	438.81	393.46	10.69	ppb
Silver	109-1	390.54	367.53	354.96	371.01	4.86	ppb
Sodium	23-2	89910.06	84567.80	87883.52	87453.79	3.08	ppb
Strontium	86-1	4988.71	4845.10	4845.78	4893.20	1.69	ppb
Strontium	88-1	4802.91	4809.44	4764.72	4792.36	0.50	ppb
Sulfur	34-1	10495.31	11033.49	11671.05	11066.61	5.32	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	473.62	470.63	476.70	473.65	0.64	ppb
Thallium	205-1	472.74	466.41	477.87	472.34	1.22	ppb
Tin	118-1	478.19	478.88	475.86	477.64	0.33	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:06:15	DataFile Name :	046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4227.89	4376.16	4390.39	4331.48	2.08	ppb
Uranium	238-1	479.52	503.01	496.03	492.85	2.45	ppb
Vanadium	51-2	494.49	464.22	488.90	482.54	3.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	5455.05	5053.59	5208.29	5238.98	3.86	ppb
Zirconium	90-1	466.16	471.67	477.37	471.73	1.19	ppb
Zirconium	91-1	470.81	474.39	484.00	476.40	1.43	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:24:53	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52314.77	49774.58	53263.25	51784.20	3.48	ppb
Antimony	121-1	444.73	489.19	516.93	483.62	7.53	ppb
Arsenic	75-2	492.32	487.84	527.25	502.47	4.29	ppb
Barium	135-1	2279.48	2447.62	2661.64	2462.91	7.78	ppb
Barium	137-1	2293.21	2412.92	2573.35	2426.49	5.79	ppb
Beryllium	9-1	470.80	523.02	508.96	500.93	5.39	ppb
Bismuth	209-1				96		%
Bismuth	209-2				97		%
Boron	10-1	461.20	528.12	536.41	508.57	8.11	ppb
Boron	11-1	483.70	515.03	529.63	509.45	4.61	ppb
Bromine	81-1						cps
Cadmium	111-1	479.10	529.18	545.90	518.06	6.71	ppb
Cadmium	106-1	484.89	531.72	551.82	522.81	6.57	ppb
Cadmium	108-1	481.70	520.53	554.81	519.01	7.05	ppb
Calcium	43-1	226263.70	256263.37	251892.03	244806.37	6.62	ppb
Calcium	44-1	226187.89	251690.12	247919.53	241932.51	5.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	476.35	459.80	492.74	476.30	3.46	ppb
Cobalt	59-2	480.21	474.57	502.06	485.61	2.99	ppb
Copper	63-2	4928.20	4815.61	5148.00	4963.94	3.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	128191.79	123243.59	129843.69	127093.02	2.70	ppb
Iron	56-2	129706.70	125016.93	131784.11	128835.91	2.69	ppb
Iron	57-2	126472.00	121312.88	130789.01	126191.30	3.76	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:24:53	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2341.24	2590.55	2581.02	2504.27	5.64	ppb
Lead	207-1	2280.63	2584.97	2583.92	2483.17	7.06	ppb
Lead	208-1	2298.76	2556.71	2575.09	2476.85	6.24	ppb
Lithium	6-1				106		%
Magnesium	24-2	261331.99	255049.26	271809.62	262730.29	3.22	ppb
Manganese	55-2	5114.86	4940.73	5171.83	5075.81	2.37	ppb
Molybdenum	94-1	2282.18	2465.42	2524.90	2424.16	5.22	ppb
Molybdenum	95-1	2287.47	2527.32	2543.12	2452.64	5.84	ppb
Molybdenum	96-1	2324.98	2566.48	2495.34	2462.27	5.04	ppb
Molybdenum	97-1	2261.92	2492.16	2484.12	2412.74	5.42	ppb
Molybdenum	98-1	2284.93	2509.33	2460.09	2418.12	4.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.79	455.19	484.41	470.46	3.11	ppb
Phosphorus	31-2	9849.30	9567.14	9807.37	9741.27	1.56	ppb
Potassium	39-2	126198.15	120631.97	134005.63	126945.25	5.29	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	465.67	508.82	511.74	495.41	5.21	ppb
Selenium	77-2	494.34	463.22	527.35	494.97	6.48	ppb
Selenium	78-2	493.89	472.79	527.78	498.15	5.57	ppb
Silicon	28-1	459.02	524.48	524.58	502.69	7.52	ppb
Silver	107-1	459.34	492.19	518.72	490.08	6.07	ppb
Silver	109-1	450.26	491.43	506.86	482.85	6.06	ppb
Sodium	23-2	265509.28	253554.37	274548.31	264537.32	3.98	ppb
Strontium	86-1	4622.48	5003.31	5026.37	4884.05	4.64	ppb
Strontium	88-1	4450.93	4853.53	4916.06	4740.17	5.33	ppb
Sulfur	34-1	8476.48	10372.70	10397.25	9748.81	11.30	ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	460.04	508.28	514.53	494.28	6.03	ppb
Thallium	205-1	461.87	505.91	514.60	494.13	5.72	ppb
Tin	118-1	454.02	489.02	530.04	491.03	7.75	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:24:53	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2297.90	2541.45	2593.89	2477.75	6.37	ppb
Uranium	238-1	476.68	522.15	521.53	506.79	5.14	ppb
Vanadium	51-2	482.72	475.90	504.71	487.78	3.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	4887.29	4754.58	5049.85	4897.24	3.02	ppb
Zirconium	90-1	456.93	507.72	508.16	490.94	6.00	ppb
Zirconium	91-1	460.02	508.85	516.11	494.99	6.16	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:29:14	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	0.59	0.26	0.46	37.37	ppb
Antimony	121-1	0.15	0.16	0.20	0.17	15.74	ppb
Arsenic	75-2	0.02	0.01	0.00	0.01	66.16	ppb
Barium	135-1	0.11	0.10	0.06	0.09	31.01	ppb
Barium	137-1	0.11	0.13	0.09	0.11	19.27	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	14.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Boron	10-1	43.23	41.15	39.02	41.13	5.12	ppb
Boron	11-1	45.53	42.15	40.29	42.66	6.23	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.09	-0.05	-0.06		ppb
Cadmium	106-1	-3.16	-4.42	-2.45	-3.35		ppb
Cadmium	108-1	0.21	0.11	0.05	0.12	68.36	ppb
Calcium	43-1	4.97	5.19	3.15	4.43	25.22	ppb
Calcium	44-1	-8.81	-10.75	-10.72	-10.09		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.01	0.01	0.02	87.21	ppb
Cobalt	59-2	0.01	0.02	0.03	0.02	59.67	ppb
Copper	63-2	0.28	0.33	0.28	0.29	9.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	1.54	2.09	1.47	1.70	19.99	ppb
Iron	56-2	1.57	1.78	1.77	1.71	6.88	ppb
Iron	57-2	2.39	1.92	1.44	1.92	24.84	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:29:14	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.29	0.28	0.28	0.28	2.08	ppb
Lead	207-1	0.33	0.30	0.33	0.32	5.51	ppb
Lead	208-1	0.31	0.31	0.30	0.31	1.28	ppb
Lithium	6-1				112		%
Magnesium	24-2	3.17	4.52	3.71	3.80	17.94	ppb
Manganese	55-2	0.13	0.13	0.17	0.14	14.79	ppb
Molybdenum	94-1	0.17	0.14	0.14	0.15	11.62	ppb
Molybdenum	95-1	0.23	0.19	0.21	0.21	10.38	ppb
Molybdenum	96-1	0.23	0.20	0.19	0.20	11.06	ppb
Molybdenum	97-1	0.26	0.21	0.20	0.22	13.41	ppb
Molybdenum	98-1	0.22	0.20	0.17	0.19	13.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-16.77	-17.75	-9.53	-14.68		ppb
Potassium	39-2	16.02	25.44	15.19	18.88	30.15	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.22	-0.50	0.36	0.02	2000.34	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.36	-0.19	-0.08	0.03	1033.13	ppb
Silicon	28-1	4.89	2.40	2.46	3.25	43.67	ppb
Silver	107-1	0.07	0.08	0.06	0.07	14.91	ppb
Silver	109-1	0.08	0.07	0.06	0.07	16.75	ppb
Sodium	23-2	35.84	38.98	36.90	37.24	4.30	ppb
Strontium	86-1	0.11	0.01	0.00	0.04	158.47	ppb
Strontium	88-1	0.10	0.08	0.08	0.09	14.07	ppb
Sulfur	34-1	-668.54	-1011.86	-897.05	-859.15		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.12	0.12	0.11	0.12	4.71	ppb
Thallium	205-1	0.14	0.14	0.13	0.14	5.94	ppb
Tin	118-1	0.04	0.02	0.04	0.03	33.70	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:29:14	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	0.08	0.11	0.07	71.49	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.80	ppb
Vanadium	51-2	0.02	0.01	0.01	0.01	54.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.25	0.25	0.21	0.24	10.58	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	58.79	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	148.60	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BL	Instrumnet Name :	P8
Client Sample ID :	PB139162BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:35:19	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.39	-0.50	-0.36		ppb
Antimony	121-1	0.03	0.05	0.07	0.05	35.30	ppb
Arsenic	75-2	0.00	-0.02	0.00	-0.01		ppb
Barium	135-1	0.04	0.04	0.05	0.04	12.69	ppb
Barium	137-1	0.05	0.04	0.05	0.05	6.62	ppb
Beryllium	9-1	0.02	0.00	0.01	0.01	79.10	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	22.81	20.13	20.28	21.07	7.15	ppb
Boron	11-1	23.33	21.76	21.23	22.11	4.92	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.02	-0.05	-0.01	-0.03		ppb
Cadmium	106-1	-1.70	-2.53	-1.01	-1.75		ppb
Cadmium	108-1	-0.21	-0.17	-0.13	-0.17		ppb
Calcium	43-1	-1.51	-0.26	0.97	-0.27		ppb
Calcium	44-1	-16.30	-16.01	-15.10	-15.80		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.03	-0.02	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	29.73	ppb
Copper	63-2	0.14	0.09	0.08	0.10	34.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	1.55	0.41	0.38	0.78	85.32	ppb
Iron	56-2	0.23	-0.01	0.11	0.11	108.94	ppb
Iron	57-2	-0.25	-0.40	-0.51	-0.39		ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BL	Instrumnet Name :	P8
Client Sample ID :	PB139162BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:35:19	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.14	0.17	0.18	0.16	13.66	ppb
Lead	207-1	0.21	0.17	0.18	0.19	13.70	ppb
Lead	208-1	0.18	0.16	0.17	0.17	4.14	ppb
Lithium	6-1				110		%
Magnesium	24-2	0.14	0.52	0.33	0.33	57.97	ppb
Manganese	55-2	0.08	0.09	0.04	0.07	35.20	ppb
Molybdenum	94-1	0.04	0.05	0.05	0.04	15.84	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.06	9.08	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	17.62	ppb
Molybdenum	97-1	0.08	0.04	0.02	0.05	64.45	ppb
Molybdenum	98-1	0.04	0.06	0.03	0.04	31.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.02	-0.01		ppb
Phosphorus	31-2	-13.56	-20.97	-4.92	-13.15		ppb
Potassium	39-2	18.97	7.38	12.37	12.91	45.06	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	0.34	0.12	0.00	0.15	113.38	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.95	0.14	0.16	0.42	109.97	ppb
Silicon	28-1	-0.63	-0.66	0.55	-0.24		ppb
Silver	107-1	0.03	0.02	0.03	0.03	35.78	ppb
Silver	109-1	0.04	0.03	0.03	0.03	15.73	ppb
Sodium	23-2	28.33	20.89	22.45	23.89	16.43	ppb
Strontium	86-1	-0.07	-0.04	-0.02	-0.04		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	33.23	ppb
Sulfur	34-1	-641.38	-798.58	-455.37	-631.77		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.08	0.09	0.08	18.80	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	7.31	ppb
Tin	118-1	0.02	1.04	0.00	0.36	167.26	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BL	Instrumnet Name :	P8
Client Sample ID :	PB139162BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:35:19	DataFile Name :	053CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.04	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	21.68	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	127.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	0.04	0.01	-0.07	-0.01		ppb
Zirconium	90-1	0.01	0.00	0.00	0.01	102.85	ppb
Zirconium	91-1	0.02	-0.02	0.01	0.00	768.80	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BS	Instrumnet Name :	P8
Client Sample ID :	PB139162BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:38:22	DataFile Name :	054LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10997.21	10985.29	10688.21	10890.24	1.61	ppb
Antimony	121-1	507.64	523.55	507.65	512.95	1.79	ppb
Arsenic	75-2	511.84	496.71	497.23	501.93	1.71	ppb
Barium	135-1	2586.33	2538.85	2506.33	2543.84	1.58	ppb
Barium	137-1	2568.82	2527.73	2482.89	2526.48	1.70	ppb
Beryllium	9-1	528.59	518.11	528.49	525.06	1.15	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	441.28	452.92	483.93	459.38	4.80	ppb
Boron	11-1	471.30	481.23	501.06	484.53	3.13	ppb
Bromine	81-1						cps
Cadmium	111-1	528.77	531.01	507.89	522.56	2.44	ppb
Cadmium	106-1	524.25	529.45	514.29	522.66	1.47	ppb
Cadmium	108-1	531.59	523.45	513.71	522.92	1.71	ppb
Calcium	43-1	56452.41	55896.38	53474.63	55274.47	2.86	ppb
Calcium	44-1	53382.64	53047.36	50721.80	52383.93	2.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	493.23	488.56	491.47	491.09	0.48	ppb
Cobalt	59-2	518.09	516.20	496.58	510.29	2.33	ppb
Copper	63-2	5148.57	5085.63	5090.09	5108.09	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				102		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	27961.52	27265.82	26978.45	27401.93	1.84	ppb
Iron	56-2	27166.46	26870.18	26329.30	26788.65	1.58	ppb
Iron	57-2	26288.80	26300.83	25647.34	26078.99	1.43	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BS	Instrumnet Name :	P8
Client Sample ID :	PB139162BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:38:22	DataFile Name :	054LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2609.12	2589.71	2458.46	2552.43	3.21	ppb
Lead	207-1	2625.26	2632.86	2481.39	2579.84	3.31	ppb
Lead	208-1	2630.96	2585.71	2455.82	2557.50	3.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	55938.60	56083.22	54877.00	55632.94	1.18	ppb
Manganese	55-2	5013.09	4915.93	4911.05	4946.69	1.16	ppb
Molybdenum	94-1	2560.35	2575.29	2439.69	2525.11	2.94	ppb
Molybdenum	95-1	2570.12	2602.47	2523.28	2565.29	1.55	ppb
Molybdenum	96-1	2593.35	2602.98	2508.45	2568.26	2.03	ppb
Molybdenum	97-1	2576.15	2578.36	2483.68	2546.06	2.12	ppb
Molybdenum	98-1	2552.95	2581.21	2517.12	2550.43	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.85	505.02	500.31	505.73	1.15	ppb
Phosphorus	31-2	10509.36	10310.85	10017.40	10279.20	2.41	ppb
Potassium	39-2	26265.36	26021.12	26000.08	26095.52	0.57	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	520.67	522.91	509.58	517.72	1.38	ppb
Selenium	77-2	522.96	495.96	511.72	510.22	2.66	ppb
Selenium	78-2	515.85	506.09	492.88	504.94	2.28	ppb
Silicon	28-1	486.98	496.15	503.28	495.47	1.65	ppb
Silver	107-1	524.40	533.98	520.27	526.22	1.34	ppb
Silver	109-1	543.26	522.18	522.29	529.24	2.29	ppb
Sodium	23-2	55392.19	53830.30	53241.22	54154.57	2.05	ppb
Strontium	86-1	5192.62	5174.56	5096.55	5154.58	0.99	ppb
Strontium	88-1	5018.19	5113.51	4968.09	5033.26	1.47	ppb
Sulfur	34-1	11000.56	10413.49	10229.31	10547.78	3.82	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	521.65	522.41	487.37	510.48	3.92	ppb
Thallium	205-1	513.18	519.12	491.00	507.77	2.92	ppb
Tin	118-1	508.62	527.45	503.57	513.22	2.45	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BS	Instrumnet Name :	P8
Client Sample ID :	PB139162BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:38:22	DataFile Name :	054LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2574.10	2609.58	2502.89	2562.19	2.12	ppb
Uranium	238-1	513.12	511.29	496.86	507.09	1.76	ppb
Vanadium	51-2	500.89	495.01	491.15	495.68	0.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	5088.12	5132.08	5092.26	5104.15	0.48	ppb
Zirconium	90-1	509.52	512.45	488.28	503.42	2.62	ppb
Zirconium	91-1	515.38	521.69	499.74	512.27	2.21	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:47:35	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50286.11	51698.75	53142.78	51709.21	2.76	ppb
Antimony	121-1	469.88	502.84	482.93	485.22	3.42	ppb
Arsenic	75-2	478.14	496.95	520.05	498.38	4.21	ppb
Barium	135-1	2404.70	2585.21	2514.00	2501.30	3.63	ppb
Barium	137-1	2359.41	2448.83	2469.71	2425.98	2.41	ppb
Beryllium	9-1	465.05	503.23	526.01	498.10	6.18	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Boron	10-1	446.27	497.00	520.77	488.01	7.80	ppb
Boron	11-1	470.96	524.55	540.08	511.87	7.08	ppb
Bromine	81-1						cps
Cadmium	111-1	500.42	529.64	517.29	515.78	2.84	ppb
Cadmium	106-1	487.69	532.07	515.59	511.78	4.38	ppb
Cadmium	108-1	488.46	528.72	517.69	511.62	4.07	ppb
Calcium	43-1	234441.21	258320.02	252839.19	248533.47	5.03	ppb
Calcium	44-1	241073.76	258729.38	245423.53	248408.89	3.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	457.32	474.16	490.26	473.91	3.48	ppb
Cobalt	59-2	455.01	477.89	494.00	475.63	4.12	ppb
Copper	63-2	4722.03	4887.75	5128.92	4912.90	4.16	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				101		%
Holmium	165-2				107		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	121584.80	124667.21	132430.55	126227.52	4.43	ppb
Iron	56-2	119100.90	124943.90	134038.68	126027.83	5.97	ppb
Iron	57-2	121733.00	126852.77	131263.80	126616.52	3.77	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:47:35	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2406.34	2529.61	2642.73	2526.23	4.68	ppb
Lead	207-1	2409.60	2505.07	2655.67	2523.45	4.92	ppb
Lead	208-1	2420.34	2511.72	2620.50	2517.52	3.98	ppb
Lithium	6-1				103		%
Magnesium	24-2	258676.40	261275.38	271535.80	263829.19	2.58	ppb
Manganese	55-2	4868.98	4977.27	5304.03	5050.09	4.48	ppb
Molybdenum	94-1	2325.07	2477.89	2488.47	2430.47	3.76	ppb
Molybdenum	95-1	2342.89	2494.39	2540.77	2459.35	4.21	ppb
Molybdenum	96-1	2362.86	2454.12	2542.57	2453.18	3.66	ppb
Molybdenum	97-1	2324.55	2452.29	2522.48	2433.10	4.12	ppb
Molybdenum	98-1	2288.85	2427.36	2514.01	2410.07	4.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.03	490.63	513.90	491.52	4.47	ppb
Phosphorus	31-2	9507.12	10043.39	10119.23	9889.91	3.37	ppb
Potassium	39-2	121936.54	126705.52	132614.33	127085.46	4.21	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	82-1	474.74	502.32	508.10	495.06	3.60	ppb
Selenium	77-2	498.84	464.39	529.87	497.70	6.58	ppb
Selenium	78-2	475.55	475.47	509.73	486.92	4.06	ppb
Silicon	28-1	465.56	522.82	517.33	501.91	6.29	ppb
Silver	107-1	455.04	499.48	476.93	477.15	4.66	ppb
Silver	109-1	470.51	506.78	480.07	485.79	3.87	ppb
Sodium	23-2	248852.89	258103.60	268991.72	258649.40	3.90	ppb
Strontium	86-1	4649.19	4833.13	5066.29	4849.54	4.31	ppb
Strontium	88-1	4590.50	4941.74	4980.55	4837.59	4.44	ppb
Sulfur	34-1	9273.52	11209.16	10691.47	10391.38	9.64	ppb
Terbium	159-1				102		%
Terbium	159-2				107		%
Thallium	203-1	490.81	511.83	526.13	509.59	3.49	ppb
Thallium	205-1	488.95	505.73	525.91	506.86	3.65	ppb
Tin	118-1	470.89	511.06	491.24	491.06	4.09	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:47:35	DataFile Name :	056CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2384.53	2593.48	2554.30	2510.77	4.42	ppb
Uranium	238-1	514.35	537.06	522.70	524.71	2.19	ppb
Vanadium	51-2	465.71	479.59	505.59	483.63	4.19	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	4669.34	4737.41	5154.52	4853.75	5.41	ppb
Zirconium	90-1	478.94	511.62	516.33	502.30	4.05	ppb
Zirconium	91-1	480.58	517.99	514.83	504.47	4.11	ppb

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 12:54:53 DataFile Name : 057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.41	0.42	0.15	0.33	46.40	ppb
Antimony	121-1	0.07	0.09	0.12	0.09	24.46	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.05	0.08	0.08	0.07	26.78	ppb
Barium	137-1	0.06	0.10	0.11	0.09	29.22	ppb
Beryllium	9-1	0.01	0.01	0.02	0.01	39.55	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	21.32	22.24	20.85	21.47	3.29	ppb
Boron	11-1	21.63	21.85	21.45	21.64	0.94	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.08	-0.05	-0.11	-0.08		ppb
Cadmium	106-1	-3.16	-3.45	-4.24	-3.62		ppb
Cadmium	108-1	0.15	-0.17	0.12	0.03	529.38	ppb
Calcium	43-1	1.98	2.36	1.47	1.94	23.09	ppb
Calcium	44-1	-14.51	-13.78	-13.76	-14.01		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	-0.02	-0.01	0.00		ppb
Cobalt	59-2	0.02	0.02	0.01	0.01	47.14	ppb
Copper	63-2	0.12	0.15	0.16	0.14	16.04	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				105		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	0.56	0.94	0.82	0.77	25.25	ppb
Iron	56-2	0.57	0.91	0.68	0.72	24.17	ppb
Iron	57-2	0.93	0.74	0.92	0.86	12.05	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:54:53	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.22	0.23	0.22	7.78	ppb
Lead	207-1	0.25	0.25	0.23	0.24	4.59	ppb
Lead	208-1	0.20	0.23	0.23	0.22	7.57	ppb
Lithium	6-1				113		%
Magnesium	24-2	1.70	1.33	1.90	1.64	17.55	ppb
Manganese	55-2	0.09	0.11	0.13	0.11	16.72	ppb
Molybdenum	94-1	0.13	0.11	0.06	0.10	34.79	ppb
Molybdenum	95-1	0.07	0.09	0.08	0.08	8.04	ppb
Molybdenum	96-1	0.08	0.08	0.07	0.08	11.38	ppb
Molybdenum	97-1	0.09	0.09	0.10	0.09	8.81	ppb
Molybdenum	98-1	0.08	0.08	0.07	0.07	6.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.01	0.00		ppb
Phosphorus	31-2	-0.79	-23.19	-11.24	-11.74		ppb
Potassium	39-2	8.24	12.57	12.63	11.15	22.61	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	0.02	0.21	-0.32	-0.03		ppb
Selenium	77-2	0.00	0.00	0.80	0.27	173.21	ppb
Selenium	78-2	-0.14	0.15	0.57	0.19	183.33	ppb
Silicon	28-1	-0.17	-0.38	-0.30	-0.28		ppb
Silver	107-1	0.03	0.03	0.02	0.03	22.34	ppb
Silver	109-1	0.02	0.04	0.03	0.03	26.19	ppb
Sodium	23-2	22.16	26.47	28.53	25.72	12.64	ppb
Strontium	86-1	-0.07	-0.01	0.02	-0.02		ppb
Strontium	88-1	0.04	0.04	0.04	0.04	6.77	ppb
Sulfur	34-1	-1167.06	-967.74	-866.18	-1000.33		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.07	0.09	0.09	0.09	13.65	ppb
Thallium	205-1	0.09	0.11	0.10	0.10	9.15	ppb
Tin	118-1	0.01	-0.01	0.03	0.01	232.01	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:54:53	DataFile Name :	057CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.02	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.75	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	53.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	0.14	0.20	0.04	0.13	61.42	ppb
Zirconium	90-1	0.03	0.02	0.00	0.02	88.85	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	62.75	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 14:34:31	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55272.68	53296.00	51022.25	53196.98	4.00	ppb
Antimony	121-1	535.09	451.04	449.57	478.57	10.23	ppb
Arsenic	75-2	535.98	521.76	496.60	518.11	3.85	ppb
Barium	135-1	2715.83	2346.14	2324.21	2462.06	8.94	ppb
Barium	137-1	2689.15	2291.61	2260.95	2413.90	9.90	ppb
Beryllium	9-1	548.08	479.54	470.26	499.29	8.51	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	481.76	429.90	447.31	452.99	5.83	ppb
Boron	11-1	500.39	446.98	474.43	473.93	5.63	ppb
Bromine	81-1						cps
Cadmium	111-1	567.14	483.45	473.19	507.92	10.15	ppb
Cadmium	106-1	555.15	481.72	484.34	507.07	8.22	ppb
Cadmium	108-1	571.13	480.40	490.65	514.06	9.67	ppb
Calcium	43-1	273354.11	245617.28	235929.14	251633.51	7.72	ppb
Calcium	44-1	275992.50	237332.64	235654.46	249659.87	9.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.78	485.89	465.19	484.62	3.89	ppb
Cobalt	59-2	515.92	489.64	471.40	492.32	4.55	ppb
Copper	63-2	5325.01	5061.24	4845.61	5077.29	4.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	136563.32	126122.53	124053.71	128913.19	5.20	ppb
Iron	56-2	136895.37	130840.61	125746.85	131160.94	4.26	ppb
Iron	57-2	135759.47	130209.73	125149.65	130372.95	4.07	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 14:34:31	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2877.73	2448.98	2403.34	2576.68	10.16	ppb
Lead	207-1	2860.31	2465.67	2424.94	2583.64	9.31	ppb
Lead	208-1	2859.87	2427.25	2398.44	2561.85	10.09	ppb
Lithium	6-1				103		%
Magnesium	24-2	278770.15	271194.72	262171.78	270712.22	3.07	ppb
Manganese	55-2	5398.50	5202.28	5000.60	5200.46	3.83	ppb
Molybdenum	94-1	2813.18	2374.19	2411.77	2533.04	9.61	ppb
Molybdenum	95-1	2822.58	2390.67	2377.41	2530.22	10.01	ppb
Molybdenum	96-1	2819.15	2370.55	2434.38	2541.36	9.55	ppb
Molybdenum	97-1	2810.86	2370.33	2375.43	2518.87	10.04	ppb
Molybdenum	98-1	2752.19	2365.34	2378.55	2498.69	8.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.47	507.83	486.60	508.30	4.32	ppb
Phosphorus	31-2	11000.96	10159.98	9764.43	10308.46	6.13	ppb
Potassium	39-2	135759.38	128703.27	122196.35	128886.33	5.26	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	555.10	476.59	481.18	504.29	8.74	ppb
Selenium	77-2	590.19	530.38	517.16	545.91	7.13	ppb
Selenium	78-2	534.79	532.61	506.46	524.62	3.01	ppb
Silicon	28-1	565.39	468.99	473.50	502.63	10.82	ppb
Silver	107-1	507.31	458.09	448.49	471.30	6.70	ppb
Silver	109-1	530.17	444.03	451.76	475.32	10.03	ppb
Sodium	23-2	280990.74	270982.93	261376.11	271116.59	3.62	ppb
Strontium	86-1	5405.49	4738.04	4668.81	4937.45	8.24	ppb
Strontium	88-1	5423.01	4645.69	4631.13	4899.94	9.25	ppb
Sulfur	34-1	14639.83	10448.46	10167.88	11752.06	21.31	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	563.79	490.49	477.10	510.46	9.14	ppb
Thallium	205-1	581.90	486.93	476.78	515.20	11.25	ppb
Tin	118-1	544.94	455.80	457.30	486.01	10.50	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 14:34:31	DataFile Name :	060CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2818.64	2450.65	2349.18	2539.49	9.73	ppb
Uranium	238-1	587.61	490.06	501.89	526.52	10.11	ppb
Vanadium	51-2	518.54	501.73	476.36	498.88	4.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	5304.44	5139.25	4789.42	5077.70	5.18	ppb
Zirconium	90-1	555.69	465.54	484.54	501.92	9.47	ppb
Zirconium	91-1	569.09	477.47	490.77	512.44	9.66	ppb

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB45 Instrumnet Name : P8
 Client Sample ID : CCB45 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 14:46:31 DataFile Name : 061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	0.02	0.22	0.07	206.63	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	10.40	ppb
Arsenic	75-2	-0.02	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.04	0.01	0.06	0.04	72.15	ppb
Barium	137-1	0.04	0.03	0.04	0.04	14.08	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	4.76	3.78	4.38	4.31	11.55	ppb
Boron	11-1	4.92	4.26	4.09	4.43	9.91	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.06	-0.03	-0.03		ppb
Cadmium	106-1	-0.29	-2.53	-1.41	-1.41		ppb
Cadmium	108-1	-0.13	-0.09	-0.18	-0.13		ppb
Calcium	43-1	0.25	-0.36	-0.81	-0.31		ppb
Calcium	44-1	-18.17	-20.24	-19.75	-19.39		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.07	-0.03	-0.03		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	43.84	ppb
Copper	63-2	0.02	0.06	0.04	0.04	39.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	0.61	1.14	0.87	0.87	30.76	ppb
Iron	56-2	0.45	0.53	0.46	0.48	9.52	ppb
Iron	57-2	0.30	0.94	0.53	0.59	54.31	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 14:46:31	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.06	0.08	15.80	ppb
Lead	207-1	0.09	0.07	0.07	0.08	17.11	ppb
Lead	208-1	0.08	0.07	0.08	0.08	11.70	ppb
Lithium	6-1				114		%
Magnesium	24-2	0.62	0.58	1.15	0.78	40.99	ppb
Manganese	55-2	0.08	0.08	0.06	0.07	18.10	ppb
Molybdenum	94-1	0.06	0.03	0.03	0.04	45.04	ppb
Molybdenum	95-1	0.07	0.04	0.03	0.04	57.23	ppb
Molybdenum	96-1	0.07	0.03	0.04	0.05	49.75	ppb
Molybdenum	97-1	0.08	0.05	0.03	0.05	40.00	ppb
Molybdenum	98-1	0.08	0.04	0.03	0.05	55.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-25.30	-5.55	-13.93	-14.93		ppb
Potassium	39-2	-3.02	-1.03	-1.93	-1.99		ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	82-1	-0.43	-0.80	0.01	-0.41		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.34	0.15	0.49	0.33	50.95	ppb
Silicon	28-1	-0.63	-3.10	-2.16	-1.96		ppb
Silver	107-1	0.01	0.01	0.02	0.02	33.31	ppb
Silver	109-1	0.02	0.02	0.01	0.01	48.80	ppb
Sodium	23-2	5.98	6.08	6.00	6.02	0.88	ppb
Strontium	86-1	0.03	-0.05	0.02	0.00	1747.87	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	7.26	ppb
Sulfur	34-1	-215.84	-772.43	-621.04	-536.44		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.00	-0.01	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.01	69.37	ppb
Tin	118-1	0.19	-0.01	-0.03	0.05	244.55	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 14:46:31	DataFile Name :	061CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.01	0.04	0.02	150.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	114.06	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	156.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	-0.15	-0.21	-0.23	-0.20		ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	52.60	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:16:50	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54576.39	53740.47	53721.48	54012.78	0.90	ppb
Antimony	121-1	478.83	489.14	485.40	484.45	1.08	ppb
Arsenic	75-2	525.52	511.61	509.51	515.54	1.69	ppb
Barium	135-1	2469.59	2498.70	2521.76	2496.68	1.05	ppb
Barium	137-1	2430.99	2489.84	2524.18	2481.67	1.90	ppb
Beryllium	9-1	501.29	502.43	505.92	503.21	0.48	ppb
Bismuth	209-1				86		%
Bismuth	209-2				88		%
Boron	10-1	457.73	495.03	487.74	480.16	4.12	ppb
Boron	11-1	472.64	499.28	511.57	494.50	4.02	ppb
Bromine	81-1						cps
Cadmium	111-1	516.09	520.84	520.96	519.30	0.53	ppb
Cadmium	106-1	507.34	514.20	498.26	506.60	1.58	ppb
Cadmium	108-1	498.60	516.73	515.39	510.24	1.98	ppb
Calcium	43-1	255299.22	257933.86	247801.73	253678.27	2.07	ppb
Calcium	44-1	249769.48	258359.81	249222.54	252450.61	2.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	488.30	484.82	488.10	487.07	0.40	ppb
Cobalt	59-2	488.94	483.43	505.96	492.78	2.38	ppb
Copper	63-2	5011.59	4944.47	5016.86	4990.97	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	54-2	130953.55	127954.01	130811.65	129906.40	1.30	ppb
Iron	56-2	132063.98	128597.35	131393.74	130685.02	1.41	ppb
Iron	57-2	130078.39	128469.87	129764.37	129437.54	0.66	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:16:50	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2628.12	2664.18	2609.44	2633.91	1.06	ppb
Lead	207-1	2587.94	2640.34	2671.26	2633.18	1.60	ppb
Lead	208-1	2600.47	2658.25	2619.20	2625.97	1.12	ppb
Lithium	6-1				94		%
Magnesium	24-2	275216.30	270672.58	276750.63	274213.17	1.15	ppb
Manganese	55-2	5244.12	5182.46	5254.46	5227.01	0.74	ppb
Molybdenum	94-1	2463.85	2593.81	2609.18	2555.61	3.12	ppb
Molybdenum	95-1	2481.76	2631.23	2619.42	2577.47	3.22	ppb
Molybdenum	96-1	2489.89	2629.60	2559.90	2559.79	2.73	ppb
Molybdenum	97-1	2462.63	2583.30	2585.22	2543.72	2.76	ppb
Molybdenum	98-1	2415.23	2563.48	2570.42	2516.38	3.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.62	506.67	512.82	507.04	1.11	ppb
Phosphorus	31-2	10402.10	10097.21	10122.74	10207.35	1.66	ppb
Potassium	39-2	131054.66	126847.85	128395.21	128765.91	1.65	ppb
Rhodium	103-1				84		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	498.64	523.64	515.49	512.59	2.49	ppb
Selenium	77-2	584.30	549.09	507.86	547.08	6.99	ppb
Selenium	78-2	517.89	516.21	510.37	514.82	0.77	ppb
Silicon	28-1	476.98	499.39	477.99	484.79	2.61	ppb
Silver	107-1	478.98	478.42	471.10	476.17	0.92	ppb
Silver	109-1	474.26	491.14	492.19	485.86	2.07	ppb
Sodium	23-2	272698.17	264621.58	268978.52	268766.09	1.50	ppb
Strontium	86-1	4936.85	5065.14	5154.33	5052.11	2.16	ppb
Strontium	88-1	4873.16	5063.28	5071.82	5002.75	2.24	ppb
Sulfur	34-1	11686.68	11832.27	11433.01	11650.65	1.73	ppb
Terbium	159-1				94		%
Terbium	159-2				95		%
Thallium	203-1	532.34	523.43	503.15	519.64	2.88	ppb
Thallium	205-1	536.07	535.77	512.92	528.25	2.51	ppb
Tin	118-1	484.38	492.93	485.13	487.48	0.97	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:16:50	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2570.51	2650.61	2523.44	2581.52	2.49	ppb
Uranium	238-1	544.10	544.04	542.35	543.50	0.18	ppb
Vanadium	51-2	498.67	493.38	501.35	497.80	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				90		%
Yttrium	89-2				91		%
Zinc	66-2	5044.87	4967.98	5003.87	5005.58	0.77	ppb
Zirconium	90-1	497.46	531.50	518.39	515.78	3.33	ppb
Zirconium	91-1	507.65	530.70	521.98	520.11	2.24	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:25:29	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.15	0.71	0.37	0.41	67.84	ppb
Antimony	121-1	0.03	0.06	0.08	0.06	37.64	ppb
Arsenic	75-2	-0.02	-0.01	0.00	-0.01		ppb
Barium	135-1	0.04	0.01	0.04	0.03	64.59	ppb
Barium	137-1	0.03	0.05	0.04	0.04	20.07	ppb
Beryllium	9-1	-0.01	0.01	0.00	0.00		ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	5.22	5.12	5.02	5.12	1.91	ppb
Boron	11-1	5.53	5.37	5.27	5.39	2.42	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.16	-0.13	-0.05	-0.12		ppb
Cadmium	106-1	-7.08	-6.09	-2.54	-5.24		ppb
Cadmium	108-1	-0.23	-0.30	-0.16	-0.23		ppb
Calcium	43-1	1.28	0.83	1.14	1.08	21.44	ppb
Calcium	44-1	-14.17	-13.43	-13.73	-13.78		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	-0.01		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	59.77	ppb
Copper	63-2	0.05	0.06	0.03	0.05	30.70	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				97		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	0.48	0.53	1.54	0.85	70.18	ppb
Iron	56-2	0.84	1.00	1.06	0.97	11.72	ppb
Iron	57-2	0.32	1.19	0.59	0.70	63.68	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:25:29	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.11	0.11	3.21	ppb
Lead	207-1	0.09	0.08	0.10	0.09	14.14	ppb
Lead	208-1	0.09	0.09	0.10	0.09	5.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	2.33	2.24	1.43	2.00	24.75	ppb
Manganese	55-2	0.07	0.09	0.14	0.10	32.54	ppb
Molybdenum	94-1	0.05	0.03	0.04	0.04	20.24	ppb
Molybdenum	95-1	0.06	0.05	0.04	0.05	15.56	ppb
Molybdenum	96-1	0.07	0.07	0.04	0.06	24.86	ppb
Molybdenum	97-1	0.05	0.05	0.05	0.05	6.40	ppb
Molybdenum	98-1	0.07	0.06	0.05	0.06	12.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	-0.01		ppb
Phosphorus	31-2	-21.83	-7.14	-19.19	-16.05		ppb
Potassium	39-2	6.19	0.08	3.95	3.40	90.78	ppb
Rhodium	103-1				96		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	82-1	0.24	-0.04	0.32	0.17	109.38	ppb
Selenium	77-2	0.86	0.00	0.84	0.57	86.62	ppb
Selenium	78-2	0.41	0.07	0.15	0.21	85.77	ppb
Silicon	28-1	-0.85	0.12	-0.65	-0.46		ppb
Silver	107-1	0.02	0.02	0.03	0.02	28.19	ppb
Silver	109-1	0.01	0.02	0.02	0.02	32.77	ppb
Sodium	23-2	8.27	8.36	7.68	8.10	4.60	ppb
Strontium	86-1	0.06	0.01	-0.04	0.01	496.29	ppb
Strontium	88-1	0.05	0.05	0.04	0.05	4.96	ppb
Sulfur	34-1	-735.31	-338.60	-324.03	-465.98		ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.01	0.00	0.00	195.84	ppb
Tin	118-1	0.83	0.00	-0.01	0.28	173.70	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:25:29	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.06	0.01	0.02	218.56	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	34.21	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	183.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	-0.20	-0.13	-0.12	-0.15		ppb
Zirconium	90-1	0.00	0.02	-0.01	0.00	524.21	ppb
Zirconium	91-1	0.00	0.03	0.03	0.02	71.27	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BL	Instrumnet Name :	P8
Client Sample ID :	PB139178BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:28:30	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.23	-0.13	-0.02	0.03	727.00	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	21.61	ppb
Arsenic	75-2	-0.02	-0.02	-0.02	-0.02		ppb
Barium	135-1	0.03	-0.02	0.00	0.00	522.85	ppb
Barium	137-1	0.03	0.05	0.03	0.04	34.85	ppb
Beryllium	9-1	-0.01	-0.01	-0.01	-0.01		ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	3.38	2.91	3.17	3.15	7.49	ppb
Boron	11-1	3.19	3.26	3.07	3.17	2.90	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.10	-0.07	-0.06		ppb
Cadmium	106-1	-0.38	-4.34	-3.65	-2.79		ppb
Cadmium	108-1	-0.30	-0.16	-0.28	-0.25		ppb
Calcium	43-1	0.33	0.37	-1.04	-0.12		ppb
Calcium	44-1	-15.33	-13.58	-14.14	-14.35		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	76.79	ppb
Copper	63-2	-0.01	0.01	0.02	0.01	266.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	54-2	0.11	0.23	0.04	0.13	76.89	ppb
Iron	56-2	0.14	0.13	0.21	0.16	27.06	ppb
Iron	57-2	0.15	0.06	-0.17	0.01	1359.02	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BL	Instrumnet Name :	P8
Client Sample ID :	PB139178BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:28:30	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.09	0.04	0.06	51.41	ppb
Lead	207-1	0.07	0.04	0.07	0.06	28.64	ppb
Lead	208-1	0.06	0.07	0.06	0.06	11.72	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.34	-0.02	0.39	0.24	95.11	ppb
Manganese	55-2	0.08	0.07	0.04	0.06	37.08	ppb
Molybdenum	94-1	0.00	0.00	0.02	0.01	220.67	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	29.03	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	24.59	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	20.24	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	18.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-12.75	-14.63	-21.77	-16.38		ppb
Potassium	39-2	-2.79	1.96	-2.16	-0.99		ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	0.37	0.22	0.62	0.40	49.47	ppb
Selenium	77-2	0.83	0.00	0.85	0.56	86.62	ppb
Selenium	78-2	-0.31	0.14	0.60	0.14	315.30	ppb
Silicon	28-1	-2.03	1.37	-0.67	-0.45		ppb
Silver	107-1	0.02	0.01	0.01	0.01	39.96	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.67	ppb
Sodium	23-2	3.94	3.14	5.63	4.24	30.04	ppb
Strontium	86-1	-0.09	-0.02	0.02	-0.03		ppb
Strontium	88-1	0.01	0.02	0.02	0.02	13.54	ppb
Sulfur	34-1	-487.40	88.76	-20.46	-139.70		ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	-0.01	0.01	-0.01	0.00		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	-0.01	0.00	-0.04	-0.02		ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BL	Instrumnet Name :	P8
Client Sample ID :	PB139178BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:28:30	DataFile Name :	064CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.02	0.03	0.03	38.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	147.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	-0.15	-0.11	-0.16	-0.14		ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	708.87	ppb
Zirconium	91-1	-0.01	-0.03	0.05	0.00	2017.66	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BS	Instrumnet Name :	P8
Client Sample ID :	PB139178BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:31:33	DataFile Name :	065LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11310.21	10776.45	10945.12	11010.59	2.48	ppb
Antimony	121-1	486.71	511.65	519.27	505.88	3.37	ppb
Arsenic	75-2	514.24	498.42	509.59	507.42	1.60	ppb
Barium	135-1	2485.86	2628.69	2537.93	2550.83	2.83	ppb
Barium	137-1	2445.18	2598.15	2536.44	2526.59	3.05	ppb
Beryllium	9-1	486.07	522.15	537.01	515.08	5.09	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Boron	10-1	423.27	468.27	508.33	466.63	9.12	ppb
Boron	11-1	441.15	494.22	526.85	487.40	8.87	ppb
Bromine	81-1						cps
Cadmium	111-1	501.29	519.54	525.79	515.54	2.47	ppb
Cadmium	106-1	478.92	536.96	523.07	512.98	5.91	ppb
Cadmium	108-1	494.03	526.35	532.83	517.74	4.02	ppb
Calcium	43-1	52686.72	54801.65	56874.47	54787.61	3.82	ppb
Calcium	44-1	50637.95	52036.58	53995.94	52223.49	3.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.77	491.54	494.93	497.41	1.49	ppb
Cobalt	59-2	528.42	498.47	522.02	516.31	3.05	ppb
Copper	63-2	5174.67	5032.82	5084.19	5097.22	1.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	27693.02	26743.08	27672.52	27369.54	1.98	ppb
Iron	56-2	27003.88	26468.44	26707.58	26726.63	1.00	ppb
Iron	57-2	26783.11	26222.29	26160.15	26388.51	1.30	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BS	Instrumnet Name :	P8
Client Sample ID :	PB139178BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:31:33	DataFile Name :	065LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2468.71	2637.23	2704.30	2603.41	4.66	ppb
Lead	207-1	2463.26	2672.10	2673.96	2603.11	4.65	ppb
Lead	208-1	2464.28	2643.36	2676.94	2594.86	4.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	56779.36	55130.63	56135.36	56015.12	1.48	ppb
Manganese	55-2	5052.56	4926.85	5006.38	4995.26	1.27	ppb
Molybdenum	94-1	2411.20	2542.31	2625.05	2526.19	4.27	ppb
Molybdenum	95-1	2406.05	2553.42	2611.00	2523.49	4.19	ppb
Molybdenum	96-1	2400.29	2564.45	2646.85	2537.20	4.95	ppb
Molybdenum	97-1	2329.37	2511.94	2569.09	2470.14	5.07	ppb
Molybdenum	98-1	2338.03	2578.25	2567.09	2494.46	5.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	520.14	505.03	511.90	512.35	1.48	ppb
Phosphorus	31-2	10331.05	10178.02	10671.48	10393.52	2.43	ppb
Potassium	39-2	27430.84	26343.53	26417.61	26730.66	2.27	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	481.22	514.81	532.70	509.58	5.13	ppb
Selenium	77-2	510.29	527.37	504.26	513.97	2.33	ppb
Selenium	78-2	515.27	501.19	517.13	511.20	1.70	ppb
Silicon	28-1	467.17	506.46	532.90	502.18	6.59	ppb
Silver	107-1	495.42	536.25	532.73	521.47	4.34	ppb
Silver	109-1	493.59	525.07	527.74	515.47	3.68	ppb
Sodium	23-2	55999.30	54240.40	54875.33	55038.34	1.62	ppb
Strontium	86-1	4737.89	5094.94	5267.95	5033.59	5.37	ppb
Strontium	88-1	4715.39	5048.09	5156.89	4973.46	4.62	ppb
Sulfur	34-1	10120.36	10500.51	11178.38	10599.75	5.06	ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	490.72	524.48	520.08	511.76	3.59	ppb
Thallium	205-1	497.88	532.26	518.31	516.15	3.35	ppb
Tin	118-1	485.49	516.24	516.83	506.19	3.54	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BS	Instrumnet Name :	P8
Client Sample ID :	PB139178BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:31:33	DataFile Name :	065LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2523.02	2582.02	2630.17	2578.41	2.08	ppb
Uranium	238-1	488.46	523.84	517.71	510.00	3.71	ppb
Vanadium	51-2	510.66	496.86	497.60	501.71	1.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	5366.92	5011.26	5164.26	5180.82	3.44	ppb
Zirconium	90-1	495.09	506.59	532.61	511.43	3.76	ppb
Zirconium	91-1	486.16	506.02	522.41	504.87	3.60	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:34:26	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	319.70	296.22	320.13	312.02	4.38	ppb
Antimony	121-1	0.42	0.50	0.57	0.50	15.81	ppb
Arsenic	75-2	3.64	3.79	4.05	3.82	5.48	ppb
Barium	135-1	59.25	59.65	60.85	59.92	1.38	ppb
Barium	137-1	60.11	59.41	61.44	60.32	1.71	ppb
Beryllium	9-1	0.08	0.07	0.06	0.07	17.64	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	84.88	81.42	81.05	82.45	2.56	ppb
Boron	11-1	88.93	87.64	88.30	88.29	0.73	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.04	-0.06	-0.05		ppb
Cadmium	106-1	-6.28	-5.47	-6.15	-5.97		ppb
Cadmium	108-1	0.00	0.04	-0.01	0.01	328.63	ppb
Calcium	43-1	16607.72	16867.43	16935.71	16803.62	1.03	ppb
Calcium	44-1	16956.28	16757.72	17038.77	16917.59	0.85	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.01	3.23	3.21	3.15	3.82	ppb
Cobalt	59-2	1.70	1.77	1.74	1.74	2.12	ppb
Copper	63-2	8.64	8.75	8.66	8.68	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	54-2	3649.56	3732.56	3727.79	3703.30	1.26	ppb
Iron	56-2	3659.14	3721.26	3860.00	3746.80	2.74	ppb
Iron	57-2	3555.02	3702.56	3728.83	3662.14	2.56	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:34:26	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.77	2.81	2.76	2.78	1.10	ppb
Lead	207-1	2.69	2.59	2.84	2.71	4.69	ppb
Lead	208-1	2.69	2.66	2.77	2.71	2.15	ppb
Lithium	6-1				102		%
Magnesium	24-2	4145.73	4133.70	4260.06	4179.83	1.67	ppb
Manganese	55-2	675.18	688.93	687.12	683.74	1.09	ppb
Molybdenum	94-1	1.67	1.68	1.78	1.71	3.44	ppb
Molybdenum	95-1	1.95	1.80	1.86	1.87	4.02	ppb
Molybdenum	96-1	1.95	1.82	1.95	1.91	3.78	ppb
Molybdenum	97-1	1.98	1.77	1.94	1.90	5.81	ppb
Molybdenum	98-1	1.87	1.76	1.87	1.84	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.88	4.01	4.06	3.98	2.29	ppb
Phosphorus	31-2	371.85	383.35	393.61	382.93	2.84	ppb
Potassium	39-2	6597.24	6700.95	6842.30	6713.50	1.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	0.25	-0.03	0.01	0.08	189.85	ppb
Selenium	77-2	0.85	0.85	0.85	0.85	0.42	ppb
Selenium	78-2	0.76	0.75	0.69	0.73	4.89	ppb
Silicon	28-1	3217.42	3149.73	3263.99	3210.38	1.79	ppb
Silver	107-1	0.17	0.14	0.14	0.15	10.12	ppb
Silver	109-1	0.20	0.15	0.18	0.18	14.69	ppb
Sodium	23-2	16386.61	16451.15	16714.68	16517.48	1.05	ppb
Strontium	86-1	102.63	101.43	106.54	103.53	2.58	ppb
Strontium	88-1	101.05	102.84	102.80	102.23	1.00	ppb
Sulfur	34-1	4103.92	4211.10	4201.02	4172.01	1.42	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.05	0.05	0.05	24.55	ppb
Thallium	205-1	0.07	0.06	0.07	0.06	11.97	ppb
Tin	118-1	0.30	0.31	0.29	0.30	3.15	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:34:26	DataFile Name :	066AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	11.46	10.93	11.07	11.15	2.46	ppb
Uranium	238-1	0.14	0.14	0.14	0.14	3.23	ppb
Vanadium	51-2	2.69	2.72	2.79	2.73	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				94		%
Zinc	66-2	56.49	58.68	58.33	57.83	2.03	ppb
Zirconium	90-1	0.22	0.24	0.22	0.23	5.99	ppb
Zirconium	91-1	0.99	0.26	0.79	0.68	55.10	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:37:25	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	236.94	243.82	231.65	237.47	2.57	ppb
Antimony	121-1	0.39	0.39	0.39	0.39	0.47	ppb
Arsenic	75-2	1.29	1.12	1.14	1.18	7.66	ppb
Barium	135-1	81.29	76.68	77.25	78.41	3.21	ppb
Barium	137-1	83.05	77.86	79.59	80.17	3.30	ppb
Beryllium	9-1	0.02	0.02	0.00	0.01	51.71	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	177.33	178.80	187.73	181.29	3.10	ppb
Boron	11-1	186.45	194.24	201.95	194.21	3.99	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	-0.05	-0.03	-0.06		ppb
Cadmium	106-1	-5.09	-3.82	-2.93	-3.95		ppb
Cadmium	108-1	-0.14	-0.11	0.01	-0.08		ppb
Calcium	43-1	42756.23	40144.25	41246.99	41382.49	3.17	ppb
Calcium	44-1	41902.57	39860.82	40175.49	40646.29	2.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.40	1.26	1.17	1.28	8.87	ppb
Cobalt	59-2	0.44	0.45	0.42	0.44	4.43	ppb
Copper	63-2	3.67	3.75	3.63	3.68	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	54-2	1009.47	935.95	939.74	961.72	4.30	ppb
Iron	56-2	979.82	935.50	976.35	963.89	2.56	ppb
Iron	57-2	921.26	968.96	923.76	937.99	2.86	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:37:25	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.97	0.91	0.96	0.95	3.21	ppb
Lead	207-1	0.91	0.94	0.91	0.92	1.88	ppb
Lead	208-1	0.95	0.92	0.90	0.93	2.70	ppb
Lithium	6-1				106		%
Magnesium	24-2	16306.25	16165.74	16160.88	16210.96	0.51	ppb
Manganese	55-2	426.47	416.85	414.09	419.14	1.55	ppb
Molybdenum	94-1	1.12	1.02	1.13	1.09	5.47	ppb
Molybdenum	95-1	1.30	1.23	1.22	1.25	3.82	ppb
Molybdenum	96-1	1.15	1.35	1.18	1.23	8.52	ppb
Molybdenum	97-1	1.36	1.15	1.27	1.26	8.60	ppb
Molybdenum	98-1	1.20	1.24	1.21	1.22	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.74	1.63	1.49	1.62	7.70	ppb
Phosphorus	31-2	121.04	169.23	159.56	149.94	17.00	ppb
Potassium	39-2	3651.89	3666.57	3598.64	3639.04	0.98	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	82-1	0.12	0.04	0.34	0.17	95.10	ppb
Selenium	77-2	0.00	1.70	0.00	0.57	173.21	ppb
Selenium	78-2	0.64	0.83	-0.09	0.46	105.97	ppb
Silicon	28-1	5565.78	5542.50	5431.79	5513.36	1.30	ppb
Silver	107-1	0.05	0.04	0.05	0.05	20.01	ppb
Silver	109-1	0.05	0.05	0.03	0.04	28.77	ppb
Sodium	23-2	65505.81	65741.52	63357.56	64868.30	2.03	ppb
Strontium	86-1	211.09	213.18	203.51	209.26	2.43	ppb
Strontium	88-1	207.79	201.24	205.12	204.72	1.61	ppb
Sulfur	34-1	20527.07	18587.15	19454.08	19522.76	4.98	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.02	0.02	0.02	21.33	ppb
Thallium	205-1	0.03	0.03	0.01	0.02	30.26	ppb
Tin	118-1	0.17	0.13	0.16	0.15	14.22	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:37:25	DataFile Name :	067AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10.17	9.38	16.28	11.94	31.59	ppb
Uranium	238-1	0.22	0.19	0.19	0.20	7.04	ppb
Vanadium	51-2	1.81	1.81	1.88	1.83	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	18.22	17.22	17.84	17.76	2.84	ppb
Zirconium	90-1	0.13	0.18	0.16	0.16	18.49	ppb
Zirconium	91-1	0.10	0.09	0.13	0.11	18.51	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:40:20	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	80.36	78.01	73.86	77.41	4.25	ppb
Antimony	121-1	0.28	0.31	0.25	0.28	10.54	ppb
Arsenic	75-2	1.09	1.06	0.98	1.04	5.66	ppb
Barium	135-1	67.54	69.68	67.32	68.18	1.91	ppb
Barium	137-1	68.62	68.39	68.24	68.42	0.28	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	30.04	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	153.98	157.49	154.81	155.43	1.18	ppb
Boron	11-1	165.44	173.52	166.04	168.34	2.67	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.09	-0.15	-0.12		ppb
Cadmium	106-1	-6.05	-4.67	-6.45	-5.73		ppb
Cadmium	108-1	-0.11	-0.10	-0.11	-0.11		ppb
Calcium	43-1	38521.24	38331.54	36998.68	37950.49	2.19	ppb
Calcium	44-1	38349.64	38607.90	36706.73	37888.09	2.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.47	0.48	0.46	6.92	ppb
Cobalt	59-2	0.18	0.17	0.20	0.18	8.47	ppb
Copper	63-2	2.18	2.15	2.03	2.12	3.79	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				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	242.41	243.42	233.09	239.64	2.38	ppb
Iron	56-2	252.65	234.66	242.47	243.26	3.71	ppb
Iron	57-2	241.14	234.44	244.82	240.14	2.19	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:40:20	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.39	0.36	0.31	0.35	11.30	ppb
Lead	207-1	0.34	0.33	0.30	0.32	5.53	ppb
Lead	208-1	0.34	0.34	0.32	0.33	4.12	ppb
Lithium	6-1				105		%
Magnesium	24-2	12930.25	12228.17	12289.48	12482.63	3.12	ppb
Manganese	55-2	142.84	140.01	135.99	139.62	2.47	ppb
Molybdenum	94-1	0.83	0.70	0.71	0.74	9.79	ppb
Molybdenum	95-1	1.01	0.94	0.93	0.96	4.21	ppb
Molybdenum	96-1	0.88	0.90	1.03	0.93	8.44	ppb
Molybdenum	97-1	0.91	0.99	0.84	0.91	7.86	ppb
Molybdenum	98-1	0.89	0.94	0.96	0.93	3.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.99	0.96	0.88	0.95	6.09	ppb
Phosphorus	31-2	148.77	166.38	193.08	169.41	13.17	ppb
Potassium	39-2	3145.50	3044.97	3042.32	3077.59	1.91	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	-0.10	0.40	0.83	0.38	123.35	ppb
Selenium	77-2	0.83	0.00	0.00	0.28	173.21	ppb
Selenium	78-2	0.34	0.76	0.31	0.47	54.00	ppb
Silicon	28-1	5148.60	5204.03	4824.83	5059.15	4.05	ppb
Silver	107-1	0.02	0.02	0.01	0.02	22.43	ppb
Silver	109-1	0.02	0.03	0.01	0.02	31.21	ppb
Sodium	23-2	58818.59	56964.92	56182.21	57321.91	2.36	ppb
Strontium	86-1	193.82	191.49	183.63	189.64	2.81	ppb
Strontium	88-1	186.73	186.63	179.36	184.24	2.30	ppb
Sulfur	34-1	15208.47	15398.39	13853.27	14820.04	5.69	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	0.01	0.01	86.79	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	57.19	ppb
Tin	118-1	0.00	-0.01	0.12	0.04	202.84	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:40:20	DataFile Name :	068AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.38	2.56	2.31	2.42	5.49	ppb
Uranium	238-1	0.14	0.12	0.12	0.13	10.47	ppb
Vanadium	51-2	1.66	1.72	1.64	1.67	2.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				97		%
Zinc	66-2	7.91	7.36	6.84	7.37	7.25	ppb
Zirconium	90-1	0.10	0.05	0.06	0.07	40.69	ppb
Zirconium	91-1	0.05	0.11	0.10	0.09	34.03	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:43:19	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	75.15	70.99	69.09	71.74	4.32	ppb
Antimony	121-1	0.11	0.13	0.11	0.12	7.00	ppb
Arsenic	75-2	0.57	0.59	0.47	0.54	12.39	ppb
Barium	135-1	41.60	43.77	40.93	42.10	3.53	ppb
Barium	137-1	42.69	43.42	41.99	42.70	1.67	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	65.59	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	50.60	51.22	50.46	50.76	0.80	ppb
Boron	11-1	53.11	54.50	52.61	53.41	1.84	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.09	-0.06	-0.06		ppb
Cadmium	106-1	-1.76	-4.73	-2.98	-3.16		ppb
Cadmium	108-1	-0.05	-0.28	-0.16	-0.16		ppb
Calcium	43-1	21636.07	21692.39	21244.95	21524.47	1.13	ppb
Calcium	44-1	21468.39	21513.00	21229.33	21403.57	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.34	0.36	0.35	3.87	ppb
Cobalt	59-2	0.09	0.10	0.11	0.10	10.20	ppb
Copper	63-2	1.36	1.33	1.27	1.32	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	181.68	182.91	179.94	181.51	0.82	ppb
Iron	56-2	181.24	183.10	175.43	179.92	2.22	ppb
Iron	57-2	191.29	182.20	172.79	182.09	5.08	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:43:19	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.26	0.25	0.21	0.24	10.53	ppb
Lead	207-1	0.22	0.25	0.24	0.23	6.46	ppb
Lead	208-1	0.24	0.25	0.24	0.24	2.29	ppb
Lithium	6-1				105		%
Magnesium	24-2	9242.84	9139.48	9072.77	9151.70	0.94	ppb
Manganese	55-2	21.18	20.89	20.56	20.88	1.48	ppb
Molybdenum	94-1	0.60	0.64	0.61	0.62	3.09	ppb
Molybdenum	95-1	0.81	0.87	0.83	0.84	3.39	ppb
Molybdenum	96-1	0.80	0.76	0.76	0.77	2.96	ppb
Molybdenum	97-1	0.84	0.87	0.75	0.82	7.39	ppb
Molybdenum	98-1	0.78	0.79	0.73	0.77	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.35	0.37	0.41	21.22	ppb
Phosphorus	31-2	2.28	-5.84	0.95	-0.87		ppb
Potassium	39-2	2371.87	2283.31	2317.58	2324.25	1.92	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.22	0.42	0.73	0.46	56.24	ppb
Selenium	77-2	0.83	0.81	1.57	1.07	40.54	ppb
Selenium	78-2	0.34	0.02	0.85	0.40	103.82	ppb
Silicon	28-1	3029.03	2920.83	3010.37	2986.74	1.94	ppb
Silver	107-1	0.01	0.01	0.01	0.01	4.86	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.26	ppb
Sodium	23-2	26433.34	25715.01	25776.74	25975.03	1.53	ppb
Strontium	86-1	123.98	127.07	121.08	124.04	2.42	ppb
Strontium	88-1	121.60	125.97	121.11	122.89	2.18	ppb
Sulfur	34-1	5586.90	5539.10	5032.47	5386.16	5.70	ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	-0.01	0.00	779.66	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	44.63	ppb
Tin	118-1	0.03	0.02	0.00	0.02	98.15	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:43:19	DataFile Name :	069AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2.31	2.21	9.37	4.63	88.69	ppb
Uranium	238-1	0.18	0.20	0.17	0.18	9.21	ppb
Vanadium	51-2	0.95	0.89	0.97	0.93	4.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	3.13	2.88	2.95	2.98	4.41	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	10.53	ppb
Zirconium	91-1	0.05	0.02	0.03	0.03	45.23	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 16:49:15	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.26	14.44	12.28	13.66	8.77	ppb
Antimony	121-1	0.03	0.04	0.03	0.03	15.27	ppb
Arsenic	75-2	0.15	0.05	0.07	0.09	60.99	ppb
Barium	135-1	8.39	8.36	9.25	8.67	5.86	ppb
Barium	137-1	8.27	8.15	8.68	8.36	3.33	ppb
Beryllium	9-1	-0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	15.68	14.58	16.00	15.42	4.83	ppb
Boron	11-1	16.29	15.65	17.57	16.50	5.91	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.07	-0.09	-0.07		ppb
Cadmium	106-1	-2.69	-2.66	-4.41	-3.25		ppb
Cadmium	108-1	-0.15	-0.10	-0.30	-0.19		ppb
Calcium	43-1	4322.27	4171.23	4407.52	4300.34	2.78	ppb
Calcium	44-1	4395.36	4186.78	4479.91	4354.02	3.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.07	0.05	0.06	16.88	ppb
Cobalt	59-2	0.01	0.02	0.01	0.02	21.46	ppb
Copper	63-2	0.23	0.25	0.29	0.26	12.88	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				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	32.92	33.70	33.85	33.49	1.49	ppb
Iron	56-2	34.41	34.45	33.77	34.21	1.11	ppb
Iron	57-2	32.28	36.40	34.41	34.36	5.99	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 16:49:15	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.10	0.08	21.10	ppb
Lead	207-1	0.06	0.04	0.08	0.06	34.37	ppb
Lead	208-1	0.07	0.07	0.08	0.07	8.72	ppb
Lithium	6-1				103		%
Magnesium	24-2	1780.63	1736.31	1771.43	1762.79	1.33	ppb
Manganese	55-2	4.19	3.91	4.19	4.10	4.01	ppb
Molybdenum	94-1	0.12	0.09	0.13	0.11	20.48	ppb
Molybdenum	95-1	0.16	0.14	0.18	0.16	11.98	ppb
Molybdenum	96-1	0.17	0.18	0.17	0.17	2.82	ppb
Molybdenum	97-1	0.16	0.17	0.16	0.16	5.50	ppb
Molybdenum	98-1	0.14	0.17	0.20	0.17	18.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.10	0.06	0.08	23.65	ppb
Phosphorus	31-2	-10.47	-12.99	-0.74	-8.07		ppb
Potassium	39-2	462.92	444.32	458.74	455.33	2.14	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.18	-0.08	0.69	0.14	335.88	ppb
Selenium	77-2	0.00	1.65	0.00	0.55	173.21	ppb
Selenium	78-2	-0.31	-0.32	0.27	-0.12		ppb
Silicon	28-1	593.40	570.23	584.40	582.68	2.00	ppb
Silver	107-1	0.00	0.01	0.00	0.00	70.78	ppb
Silver	109-1	0.01	0.00	0.01	0.01	34.70	ppb
Sodium	23-2	5114.25	5019.62	5078.48	5070.78	0.94	ppb
Strontium	86-1	24.99	24.26	24.62	24.63	1.48	ppb
Strontium	88-1	24.52	23.42	24.81	24.25	3.01	ppb
Sulfur	34-1	928.46	397.06	1040.91	788.81	43.60	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.02	-0.03	-0.01	-0.02		ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 16:49:15	DataFile Name :	071AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.63	0.39	0.51	0.51	23.73	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	6.37	ppb
Vanadium	51-2	0.21	0.16	0.17	0.18	13.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.32	0.14	0.52	0.33	57.97	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	132.29	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	64.76	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:52:13	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.26	64.80	73.19	69.08	6.08	ppb
Antimony	121-1	0.12	0.11	0.13	0.12	6.91	ppb
Arsenic	75-2	0.47	0.57	0.47	0.51	11.84	ppb
Barium	135-1	42.16	43.88	40.33	42.12	4.21	ppb
Barium	137-1	42.41	43.74	40.44	42.20	3.94	ppb
Beryllium	9-1	0.00	0.01	0.00	0.01	44.23	ppb
Bismuth	209-1				96		%
Bismuth	209-2				103		%
Boron	10-1	39.80	41.56	39.49	40.28	2.77	ppb
Boron	11-1	41.38	44.09	41.94	42.47	3.37	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.04	-0.09	-0.08		ppb
Cadmium	106-1	-4.34	-1.45	-4.05	-3.28		ppb
Cadmium	108-1	-0.08	-0.11	-0.18	-0.12		ppb
Calcium	43-1	22341.62	22537.34	21111.84	21996.93	3.51	ppb
Calcium	44-1	21985.40	22517.05	21055.12	21852.52	3.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.34	0.36	0.28	0.33	13.79	ppb
Cobalt	59-2	0.13	0.09	0.11	0.11	20.41	ppb
Copper	63-2	1.36	1.16	1.22	1.25	7.88	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				99		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	169.41	157.35	172.76	166.51	4.87	ppb
Iron	56-2	185.41	161.25	170.28	172.31	7.08	ppb
Iron	57-2	176.97	164.99	175.59	172.52	3.80	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:52:13	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.22	0.25	0.21	0.23	10.59	ppb
Lead	207-1	0.21	0.24	0.22	0.22	8.24	ppb
Lead	208-1	0.22	0.23	0.21	0.22	4.56	ppb
Lithium	6-1				100		%
Magnesium	24-2	8992.37	8177.02	8790.61	8653.33	4.91	ppb
Manganese	55-2	20.14	18.22	19.68	19.35	5.19	ppb
Molybdenum	94-1	0.61	0.67	0.59	0.62	6.22	ppb
Molybdenum	95-1	0.81	0.93	0.80	0.85	8.47	ppb
Molybdenum	96-1	0.76	0.76	0.78	0.77	1.29	ppb
Molybdenum	97-1	0.68	0.81	0.83	0.77	10.71	ppb
Molybdenum	98-1	0.79	0.81	0.75	0.78	3.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.39	0.46	0.43	8.32	ppb
Phosphorus	31-2	3.21	13.61	2.47	6.43	96.81	ppb
Potassium	39-2	2230.13	2051.25	2206.56	2162.64	4.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	82-1	0.58	0.11	0.78	0.49	70.57	ppb
Selenium	77-2	0.80	0.00	0.00	0.27	173.21	ppb
Selenium	78-2	0.77	0.20	0.24	0.40	78.77	ppb
Silicon	28-1	3243.12	3260.52	2952.54	3152.06	5.49	ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.56	ppb
Silver	109-1	0.00	0.01	0.00	0.00	49.27	ppb
Sodium	23-2	24967.02	23299.45	25232.08	24499.52	4.28	ppb
Strontium	86-1	124.08	129.38	123.79	125.75	2.50	ppb
Strontium	88-1	126.27	128.60	123.17	126.02	2.16	ppb
Sulfur	34-1	6376.92	6606.66	5520.33	6167.97	9.28	ppb
Terbium	159-1				98		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.02	0.00	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.00	0.00	0.03	0.01	154.41	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:52:13	DataFile Name :	072AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.47	2.68	2.39	2.85	19.55	ppb
Uranium	238-1	0.19	0.18	0.19	0.19	2.42	ppb
Vanadium	51-2	0.93	0.89	0.89	0.90	2.61	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	2.85	2.81	2.81	2.82	0.87	ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	25.24	ppb
Zirconium	91-1	0.02	0.04	0.03	0.03	19.80	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:55:12	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	264.31	290.23	263.35	272.63	5.59	ppb
Antimony	121-1	0.26	0.27	0.25	0.26	3.70	ppb
Arsenic	75-2	3.55	3.68	3.66	3.63	1.90	ppb
Barium	135-1	58.20	60.62	60.03	59.62	2.12	ppb
Barium	137-1	58.30	59.91	60.79	59.67	2.11	ppb
Beryllium	9-1	0.02	0.04	0.03	0.03	34.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	50.85	55.66	58.32	54.94	6.89	ppb
Boron	11-1	55.25	59.61	63.46	59.44	6.91	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.02	-0.07	-0.03		ppb
Cadmium	106-1	-2.93	-3.17	-4.21	-3.44		ppb
Cadmium	108-1	-0.18	-0.21	-0.26	-0.22		ppb
Calcium	43-1	15605.41	16088.74	16486.52	16060.22	2.75	ppb
Calcium	44-1	15505.08	16101.98	16607.90	16071.65	3.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.02	2.85	3.08	2.98	4.06	ppb
Cobalt	59-2	1.55	1.54	1.59	1.56	1.73	ppb
Copper	63-2	7.69	7.48	7.61	7.59	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				100		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	3401.37	3350.05	3410.50	3387.31	0.96	ppb
Iron	56-2	3486.06	3443.67	3447.23	3458.98	0.68	ppb
Iron	57-2	3404.73	3333.66	3446.95	3395.12	1.69	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:55:12	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.37	2.41	2.50	2.43	2.74	ppb
Lead	207-1	2.33	2.32	2.42	2.36	2.44	ppb
Lead	208-1	2.32	2.38	2.46	2.38	2.95	ppb
Lithium	6-1				103		%
Magnesium	24-2	3751.27	3718.48	3727.48	3732.41	0.45	ppb
Manganese	55-2	587.04	573.93	583.52	581.49	1.17	ppb
Molybdenum	94-1	1.22	1.96	1.32	1.50	26.95	ppb
Molybdenum	95-1	1.34	1.45	1.37	1.39	4.33	ppb
Molybdenum	96-1	1.30	1.30	1.26	1.29	1.79	ppb
Molybdenum	97-1	1.37	1.35	1.34	1.36	1.11	ppb
Molybdenum	98-1	1.26	1.28	1.37	1.30	4.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.60	3.57	3.64	3.60	0.91	ppb
Phosphorus	31-2	346.54	377.88	369.57	364.67	4.45	ppb
Potassium	39-2	6343.18	6160.51	6427.63	6310.44	2.16	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	-0.16	0.22	0.19	0.08	252.09	ppb
Selenium	77-2	0.00	1.51	0.81	0.77	97.77	ppb
Selenium	78-2	0.79	0.76	1.20	0.92	26.97	ppb
Silicon	28-1	2988.93	3026.67	3095.67	3037.09	1.78	ppb
Silver	107-1	0.06	0.05	0.07	0.06	13.35	ppb
Silver	109-1	0.06	0.08	0.07	0.07	13.42	ppb
Sodium	23-2	14850.39	14774.27	14819.14	14814.60	0.26	ppb
Strontium	86-1	98.25	97.15	102.58	99.33	2.89	ppb
Strontium	88-1	96.41	97.17	101.71	98.43	2.91	ppb
Sulfur	34-1	3799.22	4111.98	4104.72	4005.31	4.46	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	0.00	-0.02	-0.02	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	-0.01		ppb
Tin	118-1	0.34	0.33	0.33	0.33	0.85	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:55:12	DataFile Name :	073AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.89	11.79	11.09	10.92	8.78	ppb
Uranium	238-1	0.13	0.12	0.12	0.12	3.30	ppb
Vanadium	51-2	2.52	2.47	2.56	2.52	1.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	55.28	54.33	56.33	55.31	1.81	ppb
Zirconium	90-1	0.14	0.23	0.19	0.19	23.84	ppb
Zirconium	91-1	0.17	0.26	0.22	0.22	19.15	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:58:09	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11580.92	10755.21	10258.33	10864.82	6.15	ppb
Antimony	121-1	487.21	479.00	498.24	488.15	1.98	ppb
Arsenic	75-2	531.36	500.40	481.34	504.36	5.01	ppb
Barium	135-1	2597.93	2483.20	2680.89	2587.34	3.84	ppb
Barium	137-1	2577.81	2526.94	2551.54	2552.10	1.00	ppb
Beryllium	9-1	484.97	468.14	508.94	487.35	4.21	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	483.93	486.02	520.56	496.83	4.14	ppb
Boron	11-1	503.66	470.30	514.35	496.10	4.63	ppb
Bromine	81-1						cps
Cadmium	111-1	492.43	490.74	506.88	496.68	1.79	ppb
Cadmium	106-1	493.01	477.21	493.07	487.76	1.87	ppb
Cadmium	108-1	505.77	508.85	527.03	513.88	2.24	ppb
Calcium	43-1	70132.46	70237.33	71492.92	70620.90	1.07	ppb
Calcium	44-1	69520.60	68536.52	70780.98	69612.70	1.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.33	479.93	451.02	478.76	5.68	ppb
Cobalt	59-2	535.12	507.67	465.31	502.70	7.00	ppb
Copper	63-2	5852.74	5348.22	5275.20	5492.05	5.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	28957.54	27529.42	25449.73	27312.23	6.46	ppb
Iron	56-2	28682.97	26357.80	25526.58	26855.78	6.09	ppb
Iron	57-2	27816.10	26237.47	25175.54	26409.70	5.03	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:58:09	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2513.51	2458.54	2504.82	2492.29	1.19	ppb
Lead	207-1	2535.11	2529.12	2581.32	2548.52	1.12	ppb
Lead	208-1	2503.79	2477.16	2542.58	2507.84	1.31	ppb
Lithium	6-1				104		%
Magnesium	24-2	66661.90	61662.36	59137.95	62487.40	6.13	ppb
Manganese	55-2	5706.83	5311.33	5014.00	5344.05	6.50	ppb
Molybdenum	94-1	3887.38	3873.52	3976.09	3912.33	1.42	ppb
Molybdenum	95-1	4588.80	4550.46	4715.79	4618.35	1.87	ppb
Molybdenum	96-1	4480.56	4490.89	4579.27	4516.91	1.20	ppb
Molybdenum	97-1	4577.30	4583.23	4701.82	4620.78	1.52	ppb
Molybdenum	98-1	4570.67	4574.28	4707.39	4617.45	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.97	493.37	467.12	495.15	5.85	ppb
Phosphorus	31-2	-9.00	32.03	7.96	10.33	199.56	ppb
Potassium	39-2	29649.80	28676.99	26521.53	28282.77	5.66	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	498.36	491.65	503.52	497.84	1.19	ppb
Selenium	77-2	551.95	495.87	462.04	503.29	9.02	ppb
Selenium	78-2	513.40	491.34	479.15	494.63	3.51	ppb
Silicon	28-1	3255.87	3273.59	3397.75	3309.07	2.34	ppb
Silver	107-1	213.05	198.37	172.11	194.51	10.66	ppb
Silver	109-1	188.33	176.34	158.82	174.50	8.50	ppb
Sodium	23-2	80992.03	75187.25	72550.97	76243.42	5.66	ppb
Strontium	86-1	4947.07	4897.27	5134.67	4993.00	2.51	ppb
Strontium	88-1	4861.09	4719.37	4954.46	4844.97	2.44	ppb
Sulfur	34-1	4223.83	3883.48	4674.61	4260.64	9.31	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	479.37	469.34	488.30	479.00	1.98	ppb
Thallium	205-1	494.50	473.20	490.79	486.16	2.34	ppb
Tin	118-1	497.85	493.06	513.97	501.63	2.18	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:58:09	DataFile Name :	074AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4394.68	4341.89	4499.02	4411.86	1.81	ppb
Uranium	238-1	483.07	494.78	510.80	496.22	2.81	ppb
Vanadium	51-2	522.59	487.96	462.62	491.06	6.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	5683.74	5275.31	5169.05	5376.04	5.05	ppb
Zirconium	90-1	474.11	470.73	484.61	476.49	1.52	ppb
Zirconium	91-1	475.58	467.55	490.87	478.00	2.48	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:05:54	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51676.71	49694.45	51916.30	51095.82	2.39	ppb
Antimony	121-1	463.52	460.82	470.73	465.02	1.10	ppb
Arsenic	75-2	498.52	500.60	496.55	498.56	0.41	ppb
Barium	135-1	2395.80	2366.59	2377.34	2379.91	0.62	ppb
Barium	137-1	2348.21	2399.01	2344.02	2363.75	1.30	ppb
Beryllium	9-1	472.51	486.73	509.15	489.46	3.77	ppb
Bismuth	209-1				91		%
Bismuth	209-2				93		%
Boron	10-1	440.25	477.00	499.14	472.13	6.30	ppb
Boron	11-1	460.18	503.84	523.72	495.91	6.55	ppb
Bromine	81-1						cps
Cadmium	111-1	491.91	499.80	499.87	497.19	0.92	ppb
Cadmium	106-1	477.54	486.66	491.26	485.16	1.44	ppb
Cadmium	108-1	488.65	491.96	495.16	491.92	0.66	ppb
Calcium	43-1	242653.02	245231.82	240132.40	242672.42	1.05	ppb
Calcium	44-1	238471.48	238032.35	242596.48	239700.10	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	471.91	467.89	463.82	467.88	0.86	ppb
Cobalt	59-2	488.38	478.58	473.51	480.16	1.57	ppb
Copper	63-2	5044.47	4965.76	4861.88	4957.37	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	125659.22	125003.75	125147.21	125270.06	0.28	ppb
Iron	56-2	126266.30	126076.64	125591.55	125978.16	0.28	ppb
Iron	57-2	129902.64	125356.64	124766.29	126675.19	2.22	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:05:54	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2468.01	2505.36	2523.50	2498.96	1.13	ppb
Lead	207-1	2509.11	2484.48	2538.30	2510.63	1.07	ppb
Lead	208-1	2477.73	2502.65	2499.30	2493.23	0.54	ppb
Lithium	6-1				98		%
Magnesium	24-2	261385.45	257391.20	255498.80	258091.82	1.16	ppb
Manganese	55-2	5063.57	5038.58	5047.82	5049.99	0.25	ppb
Molybdenum	94-1	2337.87	2458.63	2399.26	2398.59	2.52	ppb
Molybdenum	95-1	2368.14	2517.12	2408.50	2431.26	3.17	ppb
Molybdenum	96-1	2350.97	2413.46	2427.92	2397.45	1.71	ppb
Molybdenum	97-1	2353.00	2427.14	2363.21	2381.12	1.69	ppb
Molybdenum	98-1	2350.07	2459.60	2358.47	2389.38	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.57	509.03	494.56	505.72	1.96	ppb
Phosphorus	31-2	9759.35	9511.37	9564.01	9611.58	1.36	ppb
Potassium	39-2	124225.89	125266.82	123812.63	124435.11	0.60	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	483.78	502.10	497.15	494.34	1.92	ppb
Selenium	77-2	476.81	504.34	524.31	501.82	4.75	ppb
Selenium	78-2	489.23	496.49	494.79	493.50	0.77	ppb
Silicon	28-1	468.80	492.86	491.84	484.50	2.81	ppb
Silver	107-1	453.11	454.95	462.20	456.76	1.05	ppb
Silver	109-1	454.04	467.09	467.07	462.73	1.63	ppb
Sodium	23-2	260151.59	260723.82	254958.45	258611.29	1.23	ppb
Strontium	86-1	4859.43	4924.08	4912.22	4898.58	0.70	ppb
Strontium	88-1	4760.26	4809.62	4850.62	4806.83	0.94	ppb
Sulfur	34-1	9668.72	9818.60	9342.04	9609.79	2.54	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	503.94	504.96	505.19	504.70	0.13	ppb
Thallium	205-1	508.20	508.68	498.59	505.16	1.13	ppb
Tin	118-1	474.49	458.13	471.66	468.09	1.87	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:05:54	DataFile Name :	075CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2417.75	2462.44	2485.85	2455.35	1.41	ppb
Uranium	238-1	508.16	505.89	512.98	509.01	0.71	ppb
Vanadium	51-2	484.66	477.21	478.75	480.21	0.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	4881.33	4751.98	4754.43	4795.91	1.54	ppb
Zirconium	90-1	481.74	493.45	492.35	489.18	1.32	ppb
Zirconium	91-1	478.08	504.39	485.42	489.30	2.77	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:15:17	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.09	-0.10	0.14	-0.02		ppb
Antimony	121-1	0.04	0.05	0.08	0.06	31.22	ppb
Arsenic	75-2	-0.01	-0.01	0.02	0.00		ppb
Barium	135-1	0.05	0.05	0.05	0.05	4.26	ppb
Barium	137-1	0.04	0.07	0.05	0.05	31.54	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	240.72	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	10.95	12.81	11.16	11.64	8.78	ppb
Boron	11-1	11.64	12.37	12.19	12.07	3.13	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.13	-0.09	-0.09	-0.10		ppb
Cadmium	106-1	-5.57	-4.65	-4.08	-4.76		ppb
Cadmium	108-1	-0.01	-0.26	-0.07	-0.11		ppb
Calcium	43-1	-0.79	0.79	0.82	0.28	334.20	ppb
Calcium	44-1	-16.91	-11.37	-14.34	-14.21		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	-0.03	-0.02		ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	33.11	ppb
Copper	63-2	0.02	0.07	0.07	0.05	57.14	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				96		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	0.70	1.23	1.06	1.00	26.90	ppb
Iron	56-2	0.39	0.45	0.71	0.52	32.75	ppb
Iron	57-2	-0.24	0.01	0.55	0.11	373.32	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:15:17	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.12	0.10	0.10	14.20	ppb
Lead	207-1	0.09	0.13	0.11	0.11	16.09	ppb
Lead	208-1	0.10	0.13	0.10	0.11	16.91	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.48	1.13	2.24	1.62	35.22	ppb
Manganese	55-2	0.19	0.20	0.13	0.17	22.12	ppb
Molybdenum	94-1	0.09	0.07	0.03	0.06	44.86	ppb
Molybdenum	95-1	0.10	0.07	0.03	0.07	49.90	ppb
Molybdenum	96-1	0.05	0.06	0.05	0.06	9.26	ppb
Molybdenum	97-1	0.08	0.05	0.04	0.06	42.48	ppb
Molybdenum	98-1	0.08	0.05	0.06	0.06	27.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.01	-0.01		ppb
Phosphorus	31-2	-17.91	-12.97	-22.01	-17.63		ppb
Potassium	39-2	-2.26	-3.56	-1.51	-2.45		ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	-0.19	-0.57	-0.18	-0.31		ppb
Selenium	77-2	0.00	0.83	0.00	0.28	173.21	ppb
Selenium	78-2	0.24	-0.01	1.12	0.45	132.75	ppb
Silicon	28-1	-2.63	4.44	-0.97	0.28	1321.53	ppb
Silver	107-1	0.05	0.05	0.04	0.05	15.34	ppb
Silver	109-1	0.06	0.07	0.04	0.05	31.61	ppb
Sodium	23-2	8.20	8.08	13.66	9.98	31.94	ppb
Strontium	86-1	0.02	0.03	-0.04	0.00	1836.18	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	2.19	ppb
Sulfur	34-1	-1506.21	384.86	-936.09	-685.81		ppb
Terbium	159-1				96		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.04	0.01	0.03	63.86	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	32.77	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	3354.77	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:15:17	DataFile Name :	076CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.07	0.08	0.05	92.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	54.63	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	29.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	-0.10	-0.05	-0.09	-0.08		ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	322.04	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	35.78	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:18:18	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10945.13	10984.59	10693.09	10874.27	1.45	ppb
Antimony	121-1	490.34	492.32	494.10	492.25	0.38	ppb
Arsenic	75-2	497.36	518.24	500.89	505.50	2.21	ppb
Barium	135-1	2568.11	2616.83	2603.99	2596.31	0.97	ppb
Barium	137-1	2602.54	2594.46	2639.17	2612.06	0.91	ppb
Beryllium	9-1	491.69	497.67	503.16	497.51	1.15	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	475.62	514.05	538.77	509.48	6.25	ppb
Boron	11-1	502.58	492.69	554.42	516.56	6.42	ppb
Bromine	81-1						cps
Cadmium	111-1	501.41	488.33	502.71	497.48	1.60	ppb
Cadmium	106-1	491.77	488.63	488.92	489.77	0.35	ppb
Cadmium	108-1	510.39	499.73	524.83	511.65	2.46	ppb
Calcium	43-1	74509.41	74700.29	72040.14	73749.94	2.01	ppb
Calcium	44-1	72584.48	70944.72	69910.98	71146.73	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.03	485.49	468.52	479.68	2.02	ppb
Cobalt	59-2	507.77	487.88	491.12	495.59	2.15	ppb
Copper	63-2	5459.55	5498.81	5374.67	5444.34	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	54-2	28335.90	28087.34	26497.73	27640.32	3.61	ppb
Iron	56-2	27768.69	27491.46	26453.56	27237.90	2.55	ppb
Iron	57-2	27018.29	26763.31	25929.74	26570.44	2.14	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:18:18	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2487.92	2527.72	2569.09	2528.24	1.61	ppb
Lead	207-1	2546.98	2508.46	2709.75	2588.40	4.13	ppb
Lead	208-1	2528.08	2513.25	2622.65	2554.66	2.32	ppb
Lithium	6-1				100		%
Magnesium	24-2	63035.22	62314.50	60524.28	61958.00	2.09	ppb
Manganese	55-2	5523.87	5452.17	5324.72	5433.59	1.86	ppb
Molybdenum	94-1	4020.24	3925.42	3988.79	3978.15	1.21	ppb
Molybdenum	95-1	4730.55	4655.19	4678.75	4688.16	0.82	ppb
Molybdenum	96-1	4603.94	4618.21	4505.41	4575.85	1.34	ppb
Molybdenum	97-1	4726.09	4636.11	4703.10	4688.43	1.00	ppb
Molybdenum	98-1	4756.01	4705.43	4682.00	4714.48	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.33	497.55	481.21	491.03	1.76	ppb
Phosphorus	31-2	24.63	17.22	17.89	19.92	20.58	ppb
Potassium	39-2	28595.98	28051.13	27064.26	27903.79	2.78	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	503.80	503.54	514.58	507.30	1.24	ppb
Selenium	77-2	503.02	560.62	494.44	519.36	6.93	ppb
Selenium	78-2	475.13	500.16	493.42	489.57	2.65	ppb
Silicon	28-1	3469.88	3334.64	3452.04	3418.85	2.15	ppb
Silver	107-1	157.44	129.87	116.10	134.47	15.65	ppb
Silver	109-1	131.49	199.61	146.29	159.13	22.51	ppb
Sodium	23-2	78401.68	76359.44	75270.93	76677.35	2.07	ppb
Strontium	86-1	5114.92	5107.61	5180.89	5134.47	0.79	ppb
Strontium	88-1	5153.33	5021.33	5136.06	5103.58	1.41	ppb
Sulfur	34-1	5277.68	5023.15	5034.65	5111.83	2.81	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	478.94	480.48	500.94	486.79	2.52	ppb
Thallium	205-1	480.18	482.97	510.79	491.31	3.44	ppb
Tin	118-1	507.86	501.80	511.13	506.93	0.93	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:18:18	DataFile Name :	077AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4689.83	4568.93	4647.14	4635.30	1.32	ppb
Uranium	238-1	516.69	504.13	518.25	513.02	1.51	ppb
Vanadium	51-2	493.35	498.88	470.23	487.49	3.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				95		%
Zinc	66-2	5451.41	5499.79	5327.24	5426.15	1.64	ppb
Zirconium	90-1	494.50	480.00	498.74	491.08	2.00	ppb
Zirconium	91-1	493.91	490.54	494.97	493.14	0.47	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:24:07	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10934.64	10529.40	10837.90	10767.31	1.97	ppb
Antimony	121-1	470.53	468.08	501.17	479.93	3.84	ppb
Arsenic	75-2	510.66	499.07	512.12	507.28	1.41	ppb
Barium	135-1	2606.47	2498.19	2696.42	2600.36	3.82	ppb
Barium	137-1	2571.67	2459.39	2720.04	2583.70	5.06	ppb
Beryllium	9-1	480.86	476.04	485.94	480.95	1.03	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	522.93	543.25	566.75	544.31	4.03	ppb
Boron	11-1	509.72	523.90	550.14	527.92	3.89	ppb
Bromine	81-1						cps
Cadmium	111-1	480.49	465.48	501.33	482.44	3.73	ppb
Cadmium	106-1	469.53	454.65	485.97	470.05	3.33	ppb
Cadmium	108-1	482.63	481.52	511.08	491.74	3.41	ppb
Calcium	43-1	70760.73	71021.03	75828.67	72536.81	3.93	ppb
Calcium	44-1	70428.87	67869.29	71294.44	69864.20	2.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	485.84	467.00	485.59	479.48	2.25	ppb
Cobalt	59-2	505.89	478.97	505.95	496.93	3.13	ppb
Copper	63-2	5552.60	5240.25	5493.16	5428.67	3.06	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				103		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	27972.31	26932.52	28182.83	27695.89	2.42	ppb
Iron	56-2	27432.92	26906.40	27070.50	27136.60	0.99	ppb
Iron	57-2	26804.57	26120.40	26711.55	26545.51	1.40	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:24:07	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2509.52	2400.93	2497.47	2469.30	2.41	ppb
Lead	207-1	2574.10	2491.35	2515.18	2526.88	1.69	ppb
Lead	208-1	2536.14	2453.23	2531.23	2506.86	1.86	ppb
Lithium	6-1				105		%
Magnesium	24-2	62706.69	59646.22	61180.79	61177.90	2.50	ppb
Manganese	55-2	5544.85	5226.95	5437.17	5402.99	2.99	ppb
Molybdenum	94-1	3926.13	3819.74	3964.65	3903.51	1.92	ppb
Molybdenum	95-1	4630.94	4473.65	4709.41	4604.67	2.61	ppb
Molybdenum	96-1	4484.27	4401.40	4574.89	4486.86	1.93	ppb
Molybdenum	97-1	4517.64	4430.22	4583.70	4510.52	1.71	ppb
Molybdenum	98-1	4544.73	4385.15	4758.22	4562.70	4.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.72	473.90	496.26	489.96	2.86	ppb
Phosphorus	31-2	3.22	10.32	33.03	15.52	100.30	ppb
Potassium	39-2	27975.58	26890.05	27747.85	27537.83	2.08	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	488.19	472.40	495.61	485.40	2.44	ppb
Selenium	77-2	513.97	489.09	495.45	499.50	2.59	ppb
Selenium	78-2	503.10	477.23	505.12	495.15	3.14	ppb
Silicon	28-1	3223.12	3249.09	3392.23	3288.14	2.77	ppb
Silver	107-1	145.19	123.20	169.18	145.86	15.77	ppb
Silver	109-1	226.74	154.33	122.86	167.98	31.71	ppb
Sodium	23-2	77211.10	73525.03	76934.48	75890.20	2.71	ppb
Strontium	86-1	4973.39	4868.32	5169.58	5003.76	3.06	ppb
Strontium	88-1	4930.87	4706.81	5001.35	4879.67	3.15	ppb
Sulfur	34-1	3567.98	3350.86	3889.93	3602.92	7.53	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	508.29	477.92	479.55	488.59	3.50	ppb
Thallium	205-1	503.26	471.95	493.96	489.72	3.28	ppb
Tin	118-1	485.30	483.92	511.34	493.52	3.13	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:24:07	DataFile Name :	079AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4536.13	4319.17	4489.17	4448.16	2.57	ppb
Uranium	238-1	494.14	478.77	511.85	494.92	3.35	ppb
Vanadium	51-2	501.09	475.94	490.21	489.08	2.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	5426.44	5162.15	5463.55	5350.71	3.07	ppb
Zirconium	90-1	484.73	470.24	480.43	478.47	1.56	ppb
Zirconium	91-1	486.65	478.96	477.63	481.08	1.01	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:38:46	DataFile Name :	080CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52071.05	53093.88	53410.32	52858.42	1.32	ppb
Antimony	121-1	486.75	482.33	485.75	484.94	0.48	ppb
Arsenic	75-2	509.42	504.94	517.38	510.58	1.23	ppb
Barium	135-1	2475.73	2417.00	2495.53	2462.75	1.66	ppb
Barium	137-1	2488.22	2379.30	2469.10	2445.54	2.38	ppb
Beryllium	9-1	496.23	488.14	495.44	493.27	0.90	ppb
Bismuth	209-1				89		%
Bismuth	209-2				91		%
Boron	10-1	481.82	480.71	492.95	485.16	1.40	ppb
Boron	11-1	500.32	510.64	512.18	507.71	1.27	ppb
Bromine	81-1						cps
Cadmium	111-1	523.59	520.98	526.66	523.75	0.54	ppb
Cadmium	106-1	506.11	506.37	511.92	508.13	0.65	ppb
Cadmium	108-1	526.44	504.38	511.49	514.10	2.19	ppb
Calcium	43-1	245480.34	239647.97	246093.82	243740.71	1.46	ppb
Calcium	44-1	247059.29	243519.92	245847.56	245475.59	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	470.09	467.72	486.38	474.73	2.14	ppb
Cobalt	59-2	475.61	472.15	493.93	480.56	2.44	ppb
Copper	63-2	4895.42	4939.56	5094.60	4976.52	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				91		%
Iron	54-2	125571.05	125620.17	129494.56	126895.26	1.77	ppb
Iron	56-2	126384.46	126492.74	129381.09	127419.43	1.33	ppb
Iron	57-2	123326.73	125810.19	128968.80	126035.24	2.24	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:38:46	DataFile Name :	080CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2567.57	2515.41	2536.14	2539.71	1.03	ppb
Lead	207-1	2559.12	2537.18	2470.05	2522.12	1.84	ppb
Lead	208-1	2550.00	2518.36	2474.27	2514.21	1.51	ppb
Lithium	6-1				95		%
Magnesium	24-2	261187.26	270230.78	270340.47	267252.83	1.97	ppb
Manganese	55-2	5100.96	5118.91	5234.51	5151.46	1.41	ppb
Molybdenum	94-1	2515.56	2439.10	2414.48	2456.38	2.15	ppb
Molybdenum	95-1	2510.19	2457.23	2418.32	2461.91	1.87	ppb
Molybdenum	96-1	2480.52	2477.65	2491.25	2483.14	0.29	ppb
Molybdenum	97-1	2500.37	2447.60	2465.71	2471.23	1.09	ppb
Molybdenum	98-1	2442.96	2431.58	2448.52	2441.02	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.56	510.31	527.33	513.40	2.47	ppb
Phosphorus	31-2	9379.82	9537.66	10255.13	9724.21	4.80	ppb
Potassium	39-2	122863.76	123630.04	128875.76	125123.19	2.62	ppb
Rhodium	103-1				87		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	505.38	499.58	502.03	502.33	0.58	ppb
Selenium	77-2	545.35	496.87	548.06	530.09	5.43	ppb
Selenium	78-2	493.35	498.21	504.10	498.55	1.08	ppb
Silicon	28-1	483.48	478.99	494.00	485.49	1.59	ppb
Silver	107-1	476.81	472.37	487.28	478.82	1.60	ppb
Silver	109-1	475.97	466.54	470.23	470.91	1.01	ppb
Sodium	23-2	257000.71	254743.65	265967.83	259237.40	2.29	ppb
Strontium	86-1	4970.13	4812.76	4830.94	4871.28	1.77	ppb
Strontium	88-1	4825.47	4806.14	4810.93	4814.18	0.21	ppb
Sulfur	34-1	12275.13	12398.79	11990.09	12221.34	1.71	ppb
Terbium	159-1				95		%
Terbium	159-2				99		%
Thallium	203-1	516.84	492.26	512.15	507.08	2.57	ppb
Thallium	205-1	516.96	492.81	505.32	505.03	2.39	ppb
Tin	118-1	488.68	489.70	489.66	489.35	0.12	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:38:46	DataFile Name :	080CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2540.35	2447.30	2549.89	2512.51	2.26	ppb
Uranium	238-1	512.39	517.08	525.34	518.27	1.26	ppb
Vanadium	51-2	475.10	476.31	499.47	483.62	2.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	4829.06	4862.15	5024.64	4905.28	2.13	ppb
Zirconium	90-1	495.33	492.59	501.28	496.40	0.90	ppb
Zirconium	91-1	504.04	502.07	492.27	499.46	1.26	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:49:21	DataFile Name :	081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	-0.10	-0.10	-0.13		ppb
Antimony	121-1	0.03	0.05	0.04	0.04	26.66	ppb
Arsenic	75-2	-0.02	0.00	0.00	-0.01		ppb
Barium	135-1	0.08	0.10	0.13	0.10	22.19	ppb
Barium	137-1	0.10	0.12	0.12	0.11	12.80	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	298.09	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	12.72	11.71	11.23	11.89	6.40	ppb
Boron	11-1	13.37	12.98	11.14	12.49	9.51	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.17	-0.15	-0.17	-0.16		ppb
Cadmium	106-1	-7.55	-6.84	-7.91	-7.43		ppb
Cadmium	108-1	-0.09	-0.12	-0.24	-0.15		ppb
Calcium	43-1	-0.22	-0.03	0.07	-0.06		ppb
Calcium	44-1	-12.20	-13.37	-15.59	-13.72		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.02	0.02	0.00		ppb
Cobalt	59-2	0.03	0.02	0.02	0.02	13.93	ppb
Copper	63-2	0.07	0.09	0.07	0.08	15.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	1.16	1.28	1.40	1.28	9.47	ppb
Iron	56-2	0.55	0.60	0.65	0.60	8.35	ppb
Iron	57-2	0.85	0.79	0.40	0.68	35.89	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:49:21	DataFile Name :	081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.09	0.12	19.81	ppb
Lead	207-1	0.16	0.13	0.13	0.14	12.70	ppb
Lead	208-1	0.13	0.12	0.11	0.12	6.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.48	0.93	1.64	1.35	27.62	ppb
Manganese	55-2	0.21	0.19	0.19	0.20	5.19	ppb
Molybdenum	94-1	0.07	0.02	0.08	0.06	57.11	ppb
Molybdenum	95-1	0.06	0.07	0.05	0.06	17.73	ppb
Molybdenum	96-1	0.11	0.10	0.06	0.09	31.46	ppb
Molybdenum	97-1	0.08	0.06	0.05	0.06	24.22	ppb
Molybdenum	98-1	0.10	0.05	0.07	0.07	28.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-14.14	-13.40	-10.23	-12.59		ppb
Potassium	39-2	4.79	4.35	-0.94	2.74	116.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	-0.02	-0.06	-0.47	-0.18		ppb
Selenium	77-2	0.00	0.87	0.00	0.29	173.21	ppb
Selenium	78-2	-0.03	-0.32	0.05	-0.10		ppb
Silicon	28-1	0.80	-0.25	-2.91	-0.79		ppb
Silver	107-1	0.13	0.11	0.10	0.12	12.63	ppb
Silver	109-1	0.16	0.14	0.11	0.14	15.96	ppb
Sodium	23-2	11.55	12.26	9.80	11.20	11.28	ppb
Strontium	86-1	0.04	0.00	-0.02	0.01	465.36	ppb
Strontium	88-1	0.04	0.04	0.03	0.04	12.31	ppb
Sulfur	34-1	-656.22	-1073.14	-1902.41	-1210.59		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.04	0.04	0.04	5.75	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	18.28	ppb
Tin	118-1	0.02	0.01	-0.03	0.00	3412.43	ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:49:21	DataFile Name :	081CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	-0.02	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	74.20	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	55.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	0.06	0.18	0.04	0.09	79.09	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	74.63	ppb
Zirconium	91-1	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:36:37	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106	102	102	104	2.09	cps
Antimony	121-1	33	8	50	31	68.64	cps
Arsenic	75-2	8	4	13	8	54.11	cps
Barium	135-1	25	142	108	92	65.56	cps
Barium	137-1	50	83	25	53	55.46	cps
Beryllium	9-1	66	64	56	62	8.54	cps
Bismuth	209-1	13005472	13251089	12672003	12976188	2.24	cps
Bismuth	209-2	6053012	5755488	6014043	5940848	2.72	cps
Boron	10-1	464	496	482	481	3.34	cps
Boron	11-1	2174	2244	2178	2198	1.79	cps
Bromine	81-1	6749	7039	6678	6822	2.80	cps
Cadmium	111-1	1939	1919	1796	1885	4.11	cps
Cadmium	106-1	9670	9687	9012	9456	4.07	cps
Cadmium	108-1	71	79	63	71	11.77	cps
Calcium	43-1	356	341	339	345	2.74	cps
Calcium	44-1	26668	26404	26271	26447	0.76	cps
Carbon	12-1	4748589	4705086	4783940	4745872	0.83	cps
Carbon	12-2	51591	51909	50788	51429	1.12	cps
Chlorine	35-1	304558	305576	301899	304011	0.62	cps
Chlorine	35-2	1859	2117	1700	1892	11.12	cps
Chromium	52-2	773	720	697	730	5.38	cps
Cobalt	59-2	70	33	67	57	35.79	cps
Copper	63-2	823	710	773	769	7.39	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	100	117	158	125	24.04	cps
Erbium	164-2	80	53	80	71	21.65	cps
Gadolinium	160-1	100	292	183	192	50.14	cps
Gadolinium	160-2	23	73	80	59	52.60	cps
Holmium	165-1	20934598	21350039	20322344	20868994	2.48	cps
Holmium	165-2	8517388	8277904	8425954	8407082	1.44	cps
Indium	115-1	18595627	17846123	17540754	17994168	3.02	cps
Indium	115-2	2471798	2385606	2469406	2442270	2.01	cps
Iron	54-2	306	322	289	306	5.45	cps
Iron	56-2	2250	2428	2384	2354	3.93	cps
Iron	57-2	61	83	72	72	15.38	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:36:37	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	573	597	598	4.19	cps
Lead	206-1	628	678	650	652	3.84	cps
Lead	207-1	561	478	556	532	8.77	cps
Lead	208-1	2472	2545	2572	2530	2.04	cps
Lithium	6-1	10340604	10188808	10038776	10189396	1.48	cps
Magnesium	24-2	358	242	300	300	19.45	cps
Manganese	55-2	53	53	53	53	0.00	cps
Molybdenum	94-1	550	525	558	544	3.19	cps
Molybdenum	95-1	42	17	50	36	48.03	cps
Molybdenum	96-1	200	167	158	175	12.60	cps
Molybdenum	97-1	33	25	17	25	33.32	cps
Molybdenum	98-1	50	58	100	69	38.57	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	43	70	33	49	38.78	cps
Phosphorus	31-2	175	167	100	147	27.92	cps
Potassium	39-2	12189	12230	11889	12103	1.54	cps
Rhodium	103-1	16973679	17302403	16796976	17024352	1.51	cps
Rhodium	103-2	7406522	7205310	7550745	7387526	2.35	cps
Scandium	45-1	13887992	13769974	13521054	13726340	1.36	cps
Scandium	45-2	424192	407445	423513	418383	2.27	cps
Selenium	82-1	-48	20	16	-4	-952.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	24	21	18	21	14.29	cps
Silicon	28-1	295876	293516	291693	293695	0.71	cps
Silver	107-1	175	117	158	150	20.03	cps
Silver	109-1	17	33	67	39	65.47	cps
Sodium	23-2	16693	16894	17252	16946	1.67	cps
Strontium	86-1	1083	958	1050	1031	6.28	cps
Strontium	88-1	442	600	617	553	17.47	cps
Sulfur	34-1	520047	520208	521350	520535	0.14	cps
Terbium	159-1	21872325	21807864	21089673	21589954	2.01	cps
Terbium	159-2	8327111	7881864	8232054	8147010	2.88	cps
Thallium	203-1	417	350	442	403	11.77	cps
Thallium	205-1	1042	817	750	869	17.58	cps
Tin	118-1	825	917	883	875	5.30	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:36:37	DataFile Name :	006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	125	200	192	172	23.87	cps
Uranium	238-1	33	42	8	28	62.46	cps
Vanadium	51-2	0	7	13	7	99.98	cps
Ytterbium	172-1	83	33	8	42	91.66	cps
Ytterbium	172-2	33	6	33	24	66.60	cps
Ytterbium	176-1	2684	2667	2234	2528	10.09	cps
Ytterbium	176-2	1817	1872	1722	1804	4.20	cps
Yttrium	89-1	30169354	29971366	30480515	30207078	0.85	cps
Yttrium	89-2	2985492	2824655	3017653	2942600	3.51	cps
Zinc	66-2	243	210	310	254	20.01	cps
Zirconium	90-1	1533	1675	1575	1595	4.57	cps
Zirconium	91-1	367	292	267	308	16.88	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:39:41	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1565	1649	1565	1593	3.04	cps
Antimony	121-1	15342	14650	14875	14956	2.36	cps
Arsenic	75-2	204	206	247	219	11.08	cps
Barium	135-1	19381	18897	19840	19373	2.43	cps
Barium	137-1	33142	33033	34336	33504	2.16	cps
Beryllium	9-1	3240	3218	3198	3218	0.65	cps
Bismuth	209-1	12473956	12860021	13317424	12883801	3.28	cps
Bismuth	209-2	5541640	6137180	6239383	5972734	6.31	cps
Boron	10-1	8523	9147	9593	9088	5.92	cps
Boron	11-1	39317	41560	42986	41288	4.48	cps
Bromine	81-1	5577	6368	6148	6031	6.77	cps
Cadmium	111-1	4252	4060	4136	4149	2.33	cps
Cadmium	106-1	9762	9237	9962	9654	3.88	cps
Cadmium	108-1	179	167	242	196	20.52	cps
Calcium	43-1	15349	15448	15815	15537	1.58	cps
Calcium	44-1	274885	277100	274521	275502	0.51	cps
Carbon	12-1	4713497	4735370	4813508	4754125	1.11	cps
Carbon	12-2	51157	53146	52352	52218	1.92	cps
Chlorine	35-1	305486	306497	305832	305938	0.17	cps
Chlorine	35-2	2134	1775	2067	1992	9.57	cps
Chromium	52-2	6038	5808	5991	5946	2.05	cps
Cobalt	59-2	4861	4447	4531	4613	4.74	cps
Copper	63-2	7492	7469	7349	7436	1.03	cps
Dysprosium	156-1	25	25	42	31	31.50	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	142	117	108	122	14.19	cps
Erbium	164-2	33	50	60	48	28.20	cps
Gadolinium	160-1	167	150	125	147	14.25	cps
Gadolinium	160-2	33	57	43	44	26.35	cps
Holmium	165-1	20567018	20673320	21830234	21023524	3.33	cps
Holmium	165-2	7934775	8852795	8944378	8577316	6.51	cps
Indium	115-1	17905729	17607381	18598617	18037242	2.82	cps
Indium	115-2	2290521	2482922	2540137	2437860	5.36	cps
Iron	54-2	6302	5951	6218	6157	2.97	cps
Iron	56-2	106035	102964	104244	104414	1.48	cps
Iron	57-2	2617	2584	2428	2543	3.97	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:39:41	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	517	593	500	537	9.28	cps
Lead	206-1	6757	6974	6274	6669	5.38	cps
Lead	207-1	5896	5646	5779	5774	2.17	cps
Lead	208-1	26033	26378	25571	25994	1.56	cps
Lithium	6-1	10377191	9961334	10534620	10291049	2.88	cps
Magnesium	24-2	110520	106741	106413	107891	2.12	cps
Manganese	55-2	1340	1267	1333	1313	3.09	cps
Molybdenum	94-1	18371	18880	18463	18571	1.46	cps
Molybdenum	95-1	21976	21542	21951	21823	1.12	cps
Molybdenum	96-1	25307	23896	23404	24202	4.08	cps
Molybdenum	97-1	12973	13190	13482	13215	1.93	cps
Molybdenum	98-1	33917	34535	33934	34129	1.03	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1420	1340	1273	1345	5.46	cps
Phosphorus	31-2	108	167	117	131	24.16	cps
Potassium	39-2	79972	79720	77132	78941	1.99	cps
Rhodium	103-1	16948861	16262040	17595562	16935488	3.94	cps
Rhodium	103-2	6912925	7810294	7665511	7462910	6.46	cps
Scandium	45-1	13601347	13666846	14317454	13861883	2.86	cps
Scandium	45-2	387897	430918	432602	417139	6.07	cps
Selenium	82-1	929	766	905	867	10.13	cps
Selenium	77-2	23	33	27	28	18.33	cps
Selenium	78-2	82	110	115	102	17.38	cps
Silicon	28-1	385300	381918	385350	384189	0.51	cps
Silver	107-1	10179	10196	10446	10274	1.46	cps
Silver	109-1	10154	10187	9162	9834	5.93	cps
Sodium	23-2	222444	225137	226365	224649	0.89	cps
Strontium	86-1	3984	3942	4192	4040	3.32	cps
Strontium	88-1	28396	26926	26810	27377	3.23	cps
Sulfur	34-1	521294	518837	514128	518086	0.70	cps
Terbium	159-1	20669652	20871376	22222897	21254642	3.97	cps
Terbium	159-2	7782428	8647118	8681206	8370251	6.09	cps
Thallium	203-1	7719	7561	7828	7703	1.74	cps
Thallium	205-1	18263	17237	18714	18071	4.19	cps
Tin	118-1	34770	34377	34218	34455	0.82	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:39:41	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7244	7152	7052	7149	1.34	cps
Uranium	238-1	22462	22195	21310	21989	2.74	cps
Vanadium	51-2	10174	10194	9967	10111	1.24	cps
Ytterbium	172-1	33	42	50	42	20.00	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	2475	2509	2667	2550	4.02	cps
Ytterbium	176-2	1350	1778	1700	1609	14.16	cps
Yttrium	89-1	29834870	29284472	31002282	30040541	2.92	cps
Yttrium	89-2	2738926	3083689	3047516	2956711	6.41	cps
Zinc	66-2	1167	1200	1210	1192	1.90	cps
Zirconium	90-1	16802	16018	15734	16185	3.42	cps
Zirconium	91-1	3359	3684	3401	3481	5.08	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:42:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69262	72059	71583	70968	2.11	cps
Antimony	121-1	389278	385503	390534	388438	0.67	cps
Arsenic	75-2	11115	11412	11305	11277	1.34	cps
Barium	135-1	479658	473412	478864	477311	0.71	cps
Barium	137-1	842631	849579	844082	845431	0.43	cps
Beryllium	9-1	155273	154807	153945	154675	0.44	cps
Bismuth	209-1	12788527	12618157	12918694	12775126	1.18	cps
Bismuth	209-2	5381189	5352529	5706703	5480140	3.59	cps
Boron	10-1	17801	19099	19545	18815	4.81	cps
Boron	11-1	83080	85717	88623	85807	3.23	cps
Bromine	81-1	6168	6017	6859	6348	7.07	cps
Cadmium	111-1	106643	107001	106653	106766	0.19	cps
Cadmium	106-1	20850	21300	20866	21005	1.22	cps
Cadmium	108-1	8032	8478	8244	8251	2.70	cps
Calcium	43-1	163291	162980	162344	162872	0.30	cps
Calcium	44-1	2634478	2656999	2618669	2636715	0.73	cps
Carbon	12-1	5114322	5146639	5203213	5154725	0.87	cps
Carbon	12-2	59086	56794	58182	58021	1.99	cps
Chlorine	35-1	291418	289996	283513	288309	1.46	cps
Chlorine	35-2	1717	2159	1767	1881	12.86	cps
Chromium	52-2	126396	129814	127789	127999	1.34	cps
Cobalt	59-2	225997	230363	227828	228063	0.96	cps
Copper	63-2	1692535	1747767	1695107	1711803	1.82	cps
Dysprosium	156-1	17	33	58	36	58.08	cps
Dysprosium	156-2	30	13	10	18	60.28	cps
Erbium	164-1	117	150	108	125	17.64	cps
Erbium	164-2	37	43	37	39	9.89	cps
Gadolinium	160-1	217	175	242	211	15.95	cps
Gadolinium	160-2	50	50	50	50	0.00	cps
Holmium	165-1	20372520	19972652	20467299	20270824	1.30	cps
Holmium	165-2	7747177	7568982	8118328	7811496	3.59	cps
Indium	115-1	17623073	17219765	17473430	17438756	1.17	cps
Indium	115-2	2168140	2156846	2251883	2192290	2.37	cps
Iron	54-2	276524	284337	277538	279466	1.52	cps
Iron	56-2	4990732	5062008	5058854	5037198	0.80	cps
Iron	57-2	123543	125038	125245	124609	0.75	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:42:47	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	533	627	573	578	8.10	cps
Lead	206-1	1474083	1501070	1505164	1493439	1.13	cps
Lead	207-1	1289659	1303918	1288771	1294116	0.66	cps
Lead	208-1	6050367	6063772	6108698	6074279	0.50	cps
Lithium	6-1	9789498	9840587	10115540	9915208	1.77	cps
Magnesium	24-2	1057497	1112715	1111448	1093887	2.88	cps
Manganese	55-2	594521	619538	607128	607062	2.06	cps
Molybdenum	94-1	861223	876797	882215	873412	1.25	cps
Molybdenum	95-1	1083577	1055885	1061377	1066946	1.37	cps
Molybdenum	96-1	1184842	1180683	1175752	1180426	0.39	cps
Molybdenum	97-1	653895	652291	664929	657039	1.05	cps
Molybdenum	98-1	1716244	1698716	1691107	1702022	0.76	cps
Neodymium	150-1	20	80	20	40	86.60	cps
Neodymium	150-2	0	13	7	7	99.98	cps
Nickel	60-2	60769	63189	62292	62084	1.97	cps
Phosphorus	31-2	3350	3676	3992	3673	8.74	cps
Potassium	39-2	357365	358610	360439	358804	0.43	cps
Rhodium	103-1	16262006	16667735	16675129	16534956	1.43	cps
Rhodium	103-2	6635103	6770085	6931828	6779005	2.19	cps
Scandium	45-1	13248865	13342210	13379360	13323479	0.50	cps
Scandium	45-2	379851	369104	391862	380272	2.99	cps
Selenium	82-1	8536	8241	8303	8360	1.86	cps
Selenium	77-2	200	187	173	187	7.14	cps
Selenium	78-2	764	792	754	770	2.56	cps
Silicon	28-1	740202	741253	748198	743218	0.58	cps
Silver	107-1	545573	541389	539874	542279	0.54	cps
Silver	109-1	514402	509539	521839	515260	1.20	cps
Sodium	23-2	2064887	2127213	2118048	2103383	1.60	cps
Strontium	86-1	1407552	1422706	1434430	1421562	0.95	cps
Strontium	88-1	11926682	12128714	12121352	12058916	0.95	cps
Sulfur	34-1	577688	565236	565043	569323	1.27	cps
Terbium	159-1	20467748	20963869	21080697	20837438	1.56	cps
Terbium	159-2	7625545	7512130	8064679	7734118	3.77	cps
Thallium	203-1	369738	364155	369382	367758	0.85	cps
Thallium	205-1	889435	879969	904060	891155	1.36	cps
Tin	118-1	342853	345188	339732	342591	0.80	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:42:47	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	358782	353917	350836	354512	1.13	cps
Uranium	238-1	1152017	1142553	1150311	1148293	0.44	cps
Vanadium	51-2	98691	101701	101602	100665	1.70	cps
Ytterbium	172-1	42	58	117	72	54.52	cps
Ytterbium	172-2	28	17	17	20	31.48	cps
Ytterbium	176-1	3859	4042	3976	3959	2.34	cps
Ytterbium	176-2	2095	2095	2195	2128	2.71	cps
Yttrium	89-1	29501868	29197170	29823587	29507542	1.06	cps
Yttrium	89-2	2636501	2660272	2770656	2689143	2.66	cps
Zinc	66-2	196079	202950	198831	199287	1.74	cps
Zirconium	90-1	756080	770250	759442	761924	0.97	cps
Zirconium	91-1	165364	167777	164581	165907	1.00	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:45:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177003	176981	176752	176912	0.08	cps
Antimony	121-1	1005283	972918	987193	988465	1.64	cps
Arsenic	75-2	27947	28063	28075	28028	0.25	cps
Barium	135-1	1227719	1217830	1213506	1219685	0.60	cps
Barium	137-1	2090835	2057124	2071689	2073216	0.82	cps
Beryllium	9-1	383894	385820	386405	385373	0.34	cps
Bismuth	209-1	12159230	12233694	12188899	12193941	0.31	cps
Bismuth	209-2	6066278	5911761	5882706	5953582	1.66	cps
Boron	10-1	44442	46233	48034	46237	3.88	cps
Boron	11-1	200940	215110	216173	210741	4.04	cps
Bromine	81-1	6338	6158	5887	6128	3.70	cps
Cadmium	111-1	262605	262852	260202	261886	0.56	cps
Cadmium	106-1	39148	37427	38480	38351	2.26	cps
Cadmium	108-1	20691	20165	21066	20641	2.19	cps
Calcium	43-1	407605	410476	406620	408234	0.49	cps
Calcium	44-1	6423510	6399733	6530081	6451108	1.08	cps
Carbon	12-1	5352120	5611847	5493298	5485755	2.37	cps
Carbon	12-2	62851	63362	61973	62729	1.12	cps
Chlorine	35-1	284938	280112	277771	280941	1.30	cps
Chlorine	35-2	1792	1825	2009	1875	6.22	cps
Chromium	52-2	318091	317136	314880	316702	0.52	cps
Cobalt	59-2	570881	569218	562493	567531	0.78	cps
Copper	63-2	4201622	4288430	4210952	4233668	1.13	cps
Dysprosium	156-1	83	67	133	94	36.73	cps
Dysprosium	156-2	17	30	27	24	28.38	cps
Erbium	164-1	167	75	125	122	37.55	cps
Erbium	164-2	50	80	37	56	39.95	cps
Gadolinium	160-1	300	208	142	217	36.69	cps
Gadolinium	160-2	57	77	63	66	15.54	cps
Holmium	165-1	20199455	20135696	20498085	20277745	0.95	cps
Holmium	165-2	8673122	8502832	8511791	8562582	1.12	cps
Indium	115-1	17122611	17064853	17531859	17239774	1.48	cps
Indium	115-2	2419348	2407286	2412898	2413177	0.25	cps
Iron	54-2	695436	704457	694231	698041	0.80	cps
Iron	56-2	12266242	12099694	12281321	12215753	0.83	cps
Iron	57-2	311159	310732	308929	310273	0.38	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:45:50	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	520	543	613	559	8.69	cps
Lead	206-1	3759284	3866252	3854607	3826714	1.53	cps
Lead	207-1	3352109	3341479	3338650	3344080	0.21	cps
Lead	208-1	15057061	15271476	15138826	15155788	0.71	cps
Lithium	6-1	9876203	9785273	9802727	9821401	0.49	cps
Magnesium	24-2	2703418	2678039	2671676	2684378	0.63	cps
Manganese	55-2	1500310	1534566	1517638	1517504	1.13	cps
Molybdenum	94-1	2191825	2188240	2172439	2184168	0.47	cps
Molybdenum	95-1	2677534	2677550	2670462	2675182	0.15	cps
Molybdenum	96-1	2919965	2949515	2997775	2955752	1.33	cps
Molybdenum	97-1	1612005	1640503	1619059	1623856	0.91	cps
Molybdenum	98-1	4254671	4233781	4211689	4233380	0.51	cps
Neodymium	150-1	60	67	67	64	5.98	cps
Neodymium	150-2	3	13	17	11	62.48	cps
Nickel	60-2	152509	153976	153677	153388	0.51	cps
Phosphorus	31-2	9020	8503	9537	9020	5.73	cps
Potassium	39-2	861546	869373	861599	864173	0.52	cps
Rhodium	103-1	15768097	16353849	16423065	16181670	2.22	cps
Rhodium	103-2	7316890	7406207	7256558	7326552	1.03	cps
Scandium	45-1	13169850	13236837	13427204	13277964	1.01	cps
Scandium	45-2	418989	405214	412536	412246	1.67	cps
Selenium	82-1	20379	20746	20426	20517	0.97	cps
Selenium	77-2	573	610	527	570	7.33	cps
Selenium	78-2	1881	1847	1868	1866	0.92	cps
Silicon	28-1	1102661	1167913	1154541	1141705	3.02	cps
Silver	107-1	1342206	1357676	1324541	1341474	1.24	cps
Silver	109-1	1304702	1300509	1308966	1304726	0.32	cps
Sodium	23-2	5008597	5065455	5031183	5035078	0.57	cps
Strontium	86-1	3418256	3524489	3464413	3469053	1.54	cps
Strontium	88-1	29743922	30099341	29972530	29938598	0.60	cps
Sulfur	34-1	636222	623585	626167	628658	1.06	cps
Terbium	159-1	20842600	20375997	21061458	20760018	1.69	cps
Terbium	159-2	8301344	8184572	8445435	8310450	1.57	cps
Thallium	203-1	919292	901451	943656	921466	2.30	cps
Thallium	205-1	2195749	2222184	2264635	2227523	1.56	cps
Tin	118-1	880465	880729	876683	879292	0.26	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:45:50	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	900040	897371	870345	889252	1.85	cps
Uranium	238-1	2854869	2864073	2857750	2858897	0.16	cps
Vanadium	51-2	249404	251718	249265	250129	0.55	cps
Ytterbium	172-1	17	50	17	28	69.27	cps
Ytterbium	172-2	17	33	6	19	75.47	cps
Ytterbium	176-1	6502	6035	6285	6274	3.72	cps
Ytterbium	176-2	2939	2978	3039	2986	1.69	cps
Yttrium	89-1	29048999	28984280	29167830	29067037	0.32	cps
Yttrium	89-2	2916376	2907820	2912964	2912387	0.15	cps
Zinc	66-2	495874	498194	498825	497631	0.31	cps
Zirconium	90-1	1893266	1924777	1918775	1912273	0.87	cps
Zirconium	91-1	422956	419784	418927	420556	0.50	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:48:56	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356423	355468	356486	356126	0.16	cps
Antimony	121-1	1944808	1994558	1945262	1961543	1.46	cps
Arsenic	75-2	56285	55773	56516	56191	0.68	cps
Barium	135-1	2441617	2447638	2473203	2454153	0.68	cps
Barium	137-1	4154906	4236356	4151443	4180902	1.15	cps
Beryllium	9-1	764149	760925	764654	763242	0.27	cps
Bismuth	209-1	12863500	13148598	12867781	12959960	1.26	cps
Bismuth	209-2	5910736	5864335	5810148	5861740	0.86	cps
Boron	10-1	88682	94561	94399	92547	3.62	cps
Boron	11-1	406963	428425	437693	424360	3.71	cps
Bromine	81-1	5867	6749	6108	6241	7.30	cps
Cadmium	111-1	518863	529067	528129	525353	1.07	cps
Cadmium	106-1	69793	69894	69995	69894	0.14	cps
Cadmium	108-1	42252	41191	41220	41554	1.46	cps
Calcium	43-1	815789	817964	809934	814562	0.51	cps
Calcium	44-1	12864761	12877438	12693840	12812013	0.80	cps
Carbon	12-1	5733202	5963272	5914621	5870365	2.07	cps
Carbon	12-2	67053	68577	68360	67997	1.21	cps
Chlorine	35-1	275417	269982	266850	270750	1.60	cps
Chlorine	35-2	1633	1892	1650	1725	8.38	cps
Chromium	52-2	630326	625712	631265	629101	0.47	cps
Cobalt	59-2	1132145	1139292	1137945	1136460	0.33	cps
Copper	63-2	8465969	8465674	8413565	8448403	0.36	cps
Dysprosium	156-1	175	50	108	111	56.29	cps
Dysprosium	156-2	53	77	50	60	24.22	cps
Erbium	164-1	83	150	208	147	42.48	cps
Erbium	164-2	87	60	67	71	19.52	cps
Gadolinium	160-1	200	250	342	264	27.23	cps
Gadolinium	160-2	93	100	123	106	14.93	cps
Holmium	165-1	21199621	21711958	20689454	21200344	2.41	cps
Holmium	165-2	8421077	8388327	8490586	8433330	0.62	cps
Indium	115-1	17669008	18439694	17826181	17978295	2.27	cps
Indium	115-2	2363732	2288226	2432209	2361389	3.05	cps
Iron	54-2	1424600	1424155	1421121	1423292	0.13	cps
Iron	56-2	25329981	25509098	25044440	25294506	0.93	cps
Iron	57-2	627466	617465	635371	626767	1.43	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:48:56	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	583	577	600	587	2.05	cps
Lead	206-1	7734351	7805352	7668477	7736060	0.88	cps
Lead	207-1	6734162	6585131	6633013	6650769	1.14	cps
Lead	208-1	30643961	30577574	30466127	30562554	0.29	cps
Lithium	6-1	9978537	9986874	9641876	9869096	1.99	cps
Magnesium	24-2	5341531	5355551	5328842	5341975	0.25	cps
Manganese	55-2	3071516	3107537	3044626	3074560	1.03	cps
Molybdenum	94-1	4282475	4326554	4311595	4306875	0.52	cps
Molybdenum	95-1	5130696	5256600	5261321	5216206	1.42	cps
Molybdenum	96-1	5798911	5825739	5870176	5831609	0.62	cps
Molybdenum	97-1	3237130	3232632	3212401	3227388	0.41	cps
Molybdenum	98-1	8240080	8421754	8443147	8368327	1.33	cps
Neodymium	150-1	87	173	240	167	46.13	cps
Neodymium	150-2	17	20	30	22	31.22	cps
Nickel	60-2	308210	307610	303165	306328	0.90	cps
Phosphorus	31-2	18295	18345	18454	18365	0.44	cps
Potassium	39-2	1737249	1726649	1759798	1741232	0.97	cps
Rhodium	103-1	16600692	16913653	16730122	16748156	0.94	cps
Rhodium	103-2	7315927	7124009	7139464	7193134	1.48	cps
Scandium	45-1	13432537	13872259	13486557	13597118	1.76	cps
Scandium	45-2	408056	400208	417138	408467	2.07	cps
Selenium	82-1	41238	41557	40819	41204	0.90	cps
Selenium	77-2	1057	1067	1120	1081	3.15	cps
Selenium	78-2	3814	3782	3801	3799	0.42	cps
Silicon	28-1	1931713	2017573	2038943	1996076	2.84	cps
Silver	107-1	2755993	2661757	2617259	2678336	2.64	cps
Silver	109-1	2495141	2643124	2566329	2568198	2.88	cps
Sodium	23-2	10147813	10420201	10114719	10227578	1.64	cps
Strontium	86-1	7090621	7065874	6984029	7046841	0.79	cps
Strontium	88-1	62348272	60095620	59735008	60726300	2.33	cps
Sulfur	34-1	756721	757507	758764	757664	0.14	cps
Terbium	159-1	21254624	22401121	21672486	21776077	2.66	cps
Terbium	159-2	8314082	8150520	8379375	8281326	1.42	cps
Thallium	203-1	1924386	1906236	1891070	1907231	0.87	cps
Thallium	205-1	4524083	4552706	4462429	4513073	1.02	cps
Tin	118-1	1719431	1748179	1702442	1723351	1.34	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:48:56	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1734946	1736004	1743291	1738080	0.26	cps
Uranium	238-1	5782116	5836890	5574879	5731295	2.41	cps
Vanadium	51-2	500198	510383	509030	506537	1.09	cps
Ytterbium	172-1	50	50	8	36	66.62	cps
Ytterbium	172-2	6	22	33	20	68.62	cps
Ytterbium	176-1	10146	10846	9637	10210	5.95	cps
Ytterbium	176-2	4851	5007	4684	4847	3.33	cps
Yttrium	89-1	30238168	30103880	29647587	29996545	1.03	cps
Yttrium	89-2	2910134	2817380	2891856	2873124	1.71	cps
Zinc	66-2	990415	982767	994210	989131	0.59	cps
Zirconium	90-1	3769608	3751521	3743397	3754842	0.36	cps
Zirconium	91-1	830969	850560	833574	838368	1.27	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:51:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	691606	686514	684270	687463	0.55	cps
Antimony	121-1	3879070	3893596	3781081	3851249	1.59	cps
Arsenic	75-2	108707	108181	109022	108637	0.39	cps
Barium	135-1	4800343	4678928	4686696	4721989	1.44	cps
Barium	137-1	8219441	8100992	8112048	8144160	0.80	cps
Beryllium	9-1	1520315	1480788	1509711	1503605	1.36	cps
Bismuth	209-1	12390052	12736832	12331222	12486035	1.76	cps
Bismuth	209-2	5668719	5886096	5726000	5760272	1.96	cps
Boron	10-1	175630	180482	186042	180718	2.88	cps
Boron	11-1	819592	852378	870725	847565	3.06	cps
Bromine	81-1	6208	6108	6158	6158	0.81	cps
Cadmium	111-1	1008382	1019536	1029015	1018978	1.01	cps
Cadmium	106-1	127789	123057	127033	125960	2.02	cps
Cadmium	108-1	82415	81053	82327	81932	0.93	cps
Calcium	43-1	1603565	1617261	1613957	1611594	0.44	cps
Calcium	44-1	25173891	25411542	25660518	25415317	0.96	cps
Carbon	12-1	7035273	7273151	7706814	7338413	4.64	cps
Carbon	12-2	86027	87845	91224	88365	2.98	cps
Chlorine	35-1	267880	266934	266268	267027	0.30	cps
Chlorine	35-2	1967	1900	1750	1872	5.93	cps
Chromium	52-2	1224793	1221470	1216991	1221085	0.32	cps
Cobalt	59-2	2216032	2217443	2211521	2214998	0.14	cps
Copper	63-2	16078311	15976699	15913695	15989569	0.52	cps
Dysprosium	156-1	283	317	317	306	6.30	cps
Dysprosium	156-2	90	90	83	88	4.39	cps
Erbium	164-1	158	192	200	183	12.03	cps
Erbium	164-2	53	97	73	74	29.14	cps
Gadolinium	160-1	283	375	358	339	14.41	cps
Gadolinium	160-2	150	153	140	148	4.70	cps
Holmium	165-1	20343832	21621863	20264209	20743301	3.67	cps
Holmium	165-2	8389620	8568462	8536044	8498042	1.12	cps
Indium	115-1	17034778	17916682	17243000	17398153	2.65	cps
Indium	115-2	2368405	2403766	2327999	2366723	1.60	cps
Iron	54-2	2744874	2744378	2731620	2740291	0.27	cps
Iron	56-2	48576429	49036469	47151169	48254689	2.04	cps
Iron	57-2	1209571	1213710	1215071	1212784	0.24	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:51:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	620	560	573	584	5.39	cps
Lead	206-1	15060424	14581919	14854595	14832313	1.62	cps
Lead	207-1	12968141	12730458	12906034	12868211	0.96	cps
Lead	208-1	60068716	58342813	59259072	59223534	1.46	cps
Lithium	6-1	9706945	10023701	9683574	9804740	1.94	cps
Magnesium	24-2	10307853	10250004	10283403	10280420	0.28	cps
Manganese	55-2	5912117	5963874	5830943	5902311	1.14	cps
Molybdenum	94-1	8517780	8232722	8601223	8450575	2.29	cps
Molybdenum	95-1	10232683	10112949	10450755	10265462	1.67	cps
Molybdenum	96-1	11301958	11268893	11416040	11328964	0.68	cps
Molybdenum	97-1	6137419	6240912	6299845	6226059	1.32	cps
Molybdenum	98-1	16206073	16577039	16419472	16400861	1.14	cps
Neodymium	150-1	280	313	313	302	6.37	cps
Neodymium	150-2	50	13	60	41	59.77	cps
Nickel	60-2	586040	585966	583981	585329	0.20	cps
Phosphorus	31-2	35996	34625	34409	35010	2.46	cps
Potassium	39-2	3301644	3321468	3279691	3300934	0.63	cps
Rhodium	103-1	16099064	16749360	16181357	16343260	2.17	cps
Rhodium	103-2	7153939	7070206	7136471	7120205	0.62	cps
Scandium	45-1	13336540	13502781	13537741	13459021	0.80	cps
Scandium	45-2	408329	411633	411990	410650	0.49	cps
Selenium	82-1	79630	79364	81065	80019	1.14	cps
Selenium	77-2	2310	2077	2227	2205	5.36	cps
Selenium	78-2	7192	7332	7233	7252	0.99	cps
Silicon	28-1	3911978	4202152	4461968	4192032	6.56	cps
Silver	107-1	5113406	5154881	5143918	5137402	0.42	cps
Silver	109-1	4957250	4934098	5009273	4966874	0.78	cps
Sodium	23-2	19855175	19609117	19922220	19795504	0.83	cps
Strontium	86-1	13854366	13547640	13823289	13741765	1.23	cps
Strontium	88-1	119394686	118530194	120008799	119311226	0.62	cps
Sulfur	34-1	894764	894302	892116	893727	0.16	cps
Terbium	159-1	20941548	21526502	20748311	21072121	1.92	cps
Terbium	159-2	8194608	8203021	8040262	8145964	1.12	cps
Thallium	203-1	3641693	3733880	3676419	3683997	1.26	cps
Thallium	205-1	8864181	8554071	8619653	8679301	1.88	cps
Tin	118-1	3327574	3352289	3345455	3341773	0.38	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:51:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3491504	3382685	3469438	3447876	1.67	cps
Uranium	238-1	11249467	11121922	11445255	11272215	1.44	cps
Vanadium	51-2	981731	985538	973435	980234	0.63	cps
Ytterbium	172-1	75	67	25	56	48.22	cps
Ytterbium	172-2	22	22	28	24	13.33	cps
Ytterbium	176-1	17362	18021	17938	17774	2.02	cps
Ytterbium	176-2	7647	7552	7741	7647	1.24	cps
Yttrium	89-1	29167106	30286736	28970219	29474687	2.41	cps
Yttrium	89-2	2924317	2870782	2934171	2909757	1.17	cps
Zinc	66-2	1886385	1906850	1854147	1882461	1.41	cps
Zirconium	90-1	7340978	7303807	7372653	7339146	0.47	cps
Zirconium	91-1	1633945	1663683	1638914	1645514	0.97	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 08:55:05 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1420039	1446899	1412879	1426606	1.26	cps
Antimony	121-1	7617799	7687050	7521000	7608616	1.10	cps
Arsenic	75-2	224342	225278	223453	224358	0.41	cps
Barium	135-1	9439441	9524751	9367725	9443973	0.83	cps
Barium	137-1	16108709	16677581	16589414	16458568	1.86	cps
Beryllium	9-1	2896761	2923702	2876445	2898970	0.82	cps
Bismuth	209-1	12729503	12576976	12335776	12547419	1.58	cps
Bismuth	209-2	5526462	6069550	6017808	5871273	5.11	cps
Boron	10-1	348901	360480	374499	361293	3.55	cps
Boron	11-1	1497672	1563050	1605685	1555469	3.50	cps
Bromine	81-1	5897	6458	6148	6168	4.55	cps
Cadmium	111-1	1933103	1985528	2024187	1980939	2.31	cps
Cadmium	106-1	241643	242897	240874	241805	0.42	cps
Cadmium	108-1	156785	163117	160961	160288	2.01	cps
Calcium	43-1	3279902	3276228	3216200	3257443	1.10	cps
Calcium	44-1	50306278	50482459	51341049	50709928	1.09	cps
Carbon	12-1	7908040	8476593	8655425	8346686	4.68	cps
Carbon	12-2	99965	101634	104479	102026	2.24	cps
Chlorine	35-1	260147	263918	263730	262598	0.81	cps
Chlorine	35-2	1650	1809	1842	1767	5.80	cps
Chromium	52-2	2601830	2519449	2594354	2571877	1.77	cps
Cobalt	59-2	4556673	4450113	4458538	4488441	1.32	cps
Copper	63-2	32417934	32797970	33079371	32765091	1.01	cps
Dysprosium	156-1	500	525	542	522	4.02	cps
Dysprosium	156-2	167	197	200	188	9.78	cps
Erbium	164-1	233	225	208	222	5.73	cps
Erbium	164-2	80	83	90	84	6.03	cps
Gadolinium	160-1	700	650	642	664	4.75	cps
Gadolinium	160-2	293	257	233	261	11.58	cps
Holmium	165-1	21105908	20234347	20897953	20746069	2.19	cps
Holmium	165-2	8413301	9143132	8961298	8839243	4.30	cps
Indium	115-1	17597285	17599167	17526373	17574275	0.24	cps
Indium	115-2	2306708	2416845	2485258	2402937	3.75	cps
Iron	54-2	5565080	5597592	5632808	5598494	0.61	cps
Iron	56-2	99002013	99268530	99087658	99119400	0.14	cps
Iron	57-2	2552660	2561388	2560868	2558305	0.19	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:55:05	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	653	603	634	4.28	cps
Lead	206-1	29454378	30196717	30434181	30028425	1.70	cps
Lead	207-1	25676003	25938660	25957443	25857369	0.61	cps
Lead	208-1	118521594	120237660	120005325	119588193	0.78	cps
Lithium	6-1	9912749	9782101	9757302	9817384	0.85	cps
Magnesium	24-2	21349319	21491514	21256728	21365854	0.55	cps
Manganese	55-2	12125263	12253201	12373904	12250790	1.01	cps
Molybdenum	94-1	17098850	17042632	17351968	17164483	0.96	cps
Molybdenum	95-1	20502291	20901769	20897467	20767175	1.10	cps
Molybdenum	96-1	22847243	23549201	23093471	23163305	1.54	cps
Molybdenum	97-1	12694701	13054095	12811239	12853345	1.43	cps
Molybdenum	98-1	32793329	33975217	33730972	33499839	1.86	cps
Neodymium	150-1	500	460	500	487	4.75	cps
Neodymium	150-2	120	67	93	93	28.57	cps
Nickel	60-2	1184774	1164301	1178801	1175959	0.90	cps
Phosphorus	31-2	72256	72214	72666	72379	0.35	cps
Potassium	39-2	6918870	6876568	6704778	6833405	1.66	cps
Rhodium	103-1	16643139	16323709	15942319	16303056	2.15	cps
Rhodium	103-2	7012849	7277439	7364060	7218116	2.53	cps
Scandium	45-1	13760361	13289103	13132321	13393928	2.44	cps
Scandium	45-2	410949	432361	431540	424950	2.85	cps
Selenium	82-1	156555	159307	159056	158306	0.96	cps
Selenium	77-2	4211	4117	4124	4151	1.25	cps
Selenium	78-2	14835	14601	14454	14630	1.31	cps
Silicon	28-1	6761975	6916398	6922060	6866811	1.32	cps
Silver	107-1	10032870	10247982	10214627	10165160	1.14	cps
Silver	109-1	9511779	9720626	9834930	9689112	1.69	cps
Sodium	23-2	40925657	41085019	40920009	40976895	0.23	cps
Strontium	86-1	26996507	27413604	28001767	27470626	1.84	cps
Strontium	88-1	238791714	243173780	242095814	241353769	0.95	cps
Sulfur	34-1	1333290	1339562	1327617	1333490	0.45	cps
Terbium	159-1	21711072	21648678	21694227	21684659	0.15	cps
Terbium	159-2	8226306	8736737	8676060	8546368	3.26	cps
Thallium	203-1	7370683	7505778	7483987	7453483	0.97	cps
Thallium	205-1	17329526	17572712	17516921	17473053	0.73	cps
Tin	118-1	6768565	6699945	6722754	6730421	0.52	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 08:55:05	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6809186	6735508	6846898	6797197	0.83	cps
Uranium	238-1	22286982	22731257	23186905	22735048	1.98	cps
Vanadium	51-2	2070528	2012987	2012644	2032053	1.64	cps
Ytterbium	172-1	42	8	58	36	70.51	cps
Ytterbium	172-2	22	6	56	28	91.65	cps
Ytterbium	176-1	33025	33928	33242	33398	1.41	cps
Ytterbium	176-2	13952	14330	14013	14098	1.44	cps
Yttrium	89-1	30074470	29414517	28807491	29432160	2.15	cps
Yttrium	89-2	2899813	3046035	3049980	2998609	2.85	cps
Zinc	66-2	3786542	3816365	3842841	3815249	0.74	cps
Zirconium	90-1	14774969	14645973	14763202	14728048	0.48	cps
Zirconium	91-1	3259627	3300411	3289813	3283283	0.64	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 09:01:30 DataFile Name : 014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6956052	6830144	6967054	6917750	1.10	cps
Antimony	121-1	3000	3050	2975	3009	1.27	cps
Arsenic	75-2	52	89	74	72	25.96	cps
Barium	135-1	3426	3501	3192	3373	4.77	cps
Barium	137-1	6252	6068	6010	6110	2.07	cps
Beryllium	9-1	134	170	130	145	15.23	cps
Bismuth	209-1	11089104	10769921	11426072	11095032	2.96	cps
Bismuth	209-2	5671636	5559538	5268184	5499786	3.79	cps
Boron	10-1	14234	13582	13015	13610	4.48	cps
Boron	11-1	66160	61909	60596	62888	4.63	cps
Bromine	81-1	6849	7490	7079	7139	4.55	cps
Cadmium	111-1	2321	2204	2179	2235	3.39	cps
Cadmium	106-1	8861	8470	8511	8614	2.50	cps
Cadmium	108-1	79	88	104	90	14.10	cps
Calcium	43-1	15339345	15101914	15273716	15238325	0.80	cps
Calcium	44-1	250270732	244576848	249437536	248095039	1.24	cps
Carbon	12-1	5020273	5068445	5027903	5038874	0.51	cps
Carbon	12-2	62491	64157	64534	63727	1.71	cps
Chlorine	35-1	234295	226214	231503	230671	1.78	cps
Chlorine	35-2	1542	1700	1617	1620	4.89	cps
Chromium	52-2	8923	9046	9711	9227	4.59	cps
Cobalt	59-2	10330	10808	10391	10510	2.47	cps
Copper	63-2	7342	7095	7139	7192	1.83	cps
Dysprosium	156-1	1342	1367	1550	1420	8.01	cps
Dysprosium	156-2	670	620	620	637	4.53	cps
Erbium	164-1	358	308	317	328	8.17	cps
Erbium	164-2	167	127	150	148	13.60	cps
Gadolinium	160-1	1483	1642	1642	1589	5.75	cps
Gadolinium	160-2	810	700	700	737	8.62	cps
Holmium	165-1	20398277	18870182	20383607	19884022	4.42	cps
Holmium	165-2	9329437	9007883	8469196	8935505	4.86	cps
Indium	115-1	17385442	15798777	16958043	16714087	4.91	cps
Indium	115-2	2529505	2491777	2315220	2445501	4.68	cps
Iron	54-2	26731761	26962287	27301664	26998571	1.06	cps
Iron	56-2	477509600	484915478	482345911	481590329	0.78	cps
Iron	57-2	12338342	12109910	12437351	12295201	1.37	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:01:30	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	733	630	640	668	8.53	cps
Lead	206-1	8014	8458	8781	8418	4.58	cps
Lead	207-1	6946	7286	7152	7128	2.40	cps
Lead	208-1	32394	33351	33723	33156	2.07	cps
Lithium	6-1	9359411	8792197	9100691	9084100	3.13	cps
Magnesium	24-2	103805784	103492606	104095113	103797834	0.29	cps
Manganese	55-2	10921	11368	11315	11201	2.18	cps
Molybdenum	94-1	4151	4251	4559	4320	4.93	cps
Molybdenum	95-1	4559	5118	4893	4857	5.79	cps
Molybdenum	96-1	7627	7627	7427	7561	1.53	cps
Molybdenum	97-1	2850	2592	2442	2628	7.86	cps
Molybdenum	98-1	6777	6577	6844	6732	2.06	cps
Neodymium	150-1	27	47	67	47	42.85	cps
Neodymium	150-2	0	3	13	6	124.93	cps
Nickel	60-2	4651	4661	4717	4676	0.77	cps
Phosphorus	31-2	117	125	75	106	25.38	cps
Potassium	39-2	34185622	34495316	35236844	34639261	1.56	cps
Rhodium	103-1	15277013	14190095	15098205	14855104	3.92	cps
Rhodium	103-2	7159925	7068666	6733119	6987236	3.22	cps
Scandium	45-1	13665584	13147591	13696235	13503137	2.28	cps
Scandium	45-2	451701	441607	427683	440330	2.74	cps
Selenium	82-1	-131	7	-21	-48	-151.09	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	26	32	29	10.66	cps
Silicon	28-1	446606	459056	464141	456601	1.98	cps
Silver	107-1	2384	2192	2217	2264	4.60	cps
Silver	109-1	2075	2125	2092	2097	1.21	cps
Sodium	23-2	199427609	202803846	205381184	202537546	1.47	cps
Strontium	86-1	11063	10688	11580	11110	4.03	cps
Strontium	88-1	90183	91391	91189	90921	0.71	cps
Sulfur	34-1	464817	471629	468902	468449	0.73	cps
Terbium	159-1	20983453	20335761	21057034	20792083	1.91	cps
Terbium	159-2	8846100	8540127	8247219	8544482	3.50	cps
Thallium	203-1	1075	867	642	861	25.17	cps
Thallium	205-1	2225	1959	1967	2050	7.40	cps
Tin	118-1	2834	3017	3100	2984	4.57	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:01:30	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2517	2734	2525	2592	4.74	cps
Uranium	238-1	1350	1867	1709	1642	16.13	cps
Vanadium	51-2	213	197	230	213	7.81	cps
Ytterbium	172-1	75	117	108	100	22.05	cps
Ytterbium	172-2	39	50	39	43	15.06	cps
Ytterbium	176-1	2334	2309	2550	2398	5.54	cps
Ytterbium	176-2	1495	1961	1411	1622	18.27	cps
Yttrium	89-1	30138992	28152470	29286709	29192724	3.41	cps
Yttrium	89-2	3208670	3162277	3023196	3131381	3.08	cps
Zinc	66-2	7279	7045	7115	7146	1.68	cps
Zirconium	90-1	5226	4568	4826	4873	6.81	cps
Zirconium	91-1	925	1150	942	1006	12.47	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : ICV37 Instrumnet Name : P8
 Client Sample ID : ICV37 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 09:19:33 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36095	36460	36453	36336	0.57	cps
Antimony	121-1	1542755	1570548	1563879	1559061	0.93	cps
Arsenic	75-2	46741	47312	47212	47089	0.65	cps
Barium	135-1	195804	200185	197332	197774	1.12	cps
Barium	137-1	343576	341183	344339	343033	0.48	cps
Beryllium	9-1	313429	315979	316265	315224	0.50	cps
Bismuth	209-1	12741874	12982879	12538923	12754559	1.74	cps
Bismuth	209-2	6162135	5859407	5989995	6003846	2.53	cps
Boron	10-1	4120	4188	4104	4137	1.08	cps
Boron	11-1	18646	18664	18250	18520	1.27	cps
Bromine	81-1	6658	6618	6158	6478	4.30	cps
Cadmium	111-1	214105	209075	215716	212965	1.63	cps
Cadmium	106-1	29307	29324	28447	29026	1.73	cps
Cadmium	108-1	14483	14896	14579	14652	1.48	cps
Calcium	43-1	61713	61565	61746	61675	0.16	cps
Calcium	44-1	1009595	1010171	1024391	1014719	0.83	cps
Carbon	12-1	4853968	4826206	4839042	4839739	0.29	cps
Carbon	12-2	52988	52979	52653	52874	0.36	cps
Chlorine	35-1	193412	191276	190954	191881	0.70	cps
Chlorine	35-2	1158	1225	1483	1289	13.32	cps
Chromium	52-2	265173	263321	261485	263326	0.70	cps
Cobalt	59-2	464844	470798	470096	468579	0.69	cps
Copper	63-2	344305	347420	343932	345219	0.55	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	100	133	83	106	24.12	cps
Erbium	164-2	47	43	40	43	7.70	cps
Gadolinium	160-1	183	142	125	150	20.03	cps
Gadolinium	160-2	33	63	57	51	30.82	cps
Holmium	165-1	20514997	20650240	20169032	20444756	1.21	cps
Holmium	165-2	8879413	8448655	8535693	8621254	2.64	cps
Indium	115-1	18491731	17913834	17588484	17998016	2.54	cps
Indium	115-2	2417378	2412903	2427317	2419199	0.30	cps
Iron	54-2	229917	230067	227988	229324	0.51	cps
Iron	56-2	3972582	3930015	3984796	3962464	0.73	cps
Iron	57-2	99864	100429	99265	99853	0.58	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : ICV37 Instrumnet Name : P8
 Client Sample ID : ICV37 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 09:19:33 DataFile Name : 016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	603	533	567	568	6.17	cps
Lead	206-1	1286332	1300707	1261887	1282976	1.53	cps
Lead	207-1	1062711	1065568	1071513	1066598	0.42	cps
Lead	208-1	5057298	5051570	5093248	5067372	0.45	cps
Lithium	6-1	10059110	10565428	10011672	10212070	3.01	cps
Magnesium	24-2	253525	251490	254810	253275	0.66	cps
Manganese	55-2	124023	123379	121973	123125	0.85	cps
Molybdenum	94-1	2750	2834	2717	2767	2.17	cps
Molybdenum	95-1	2967	2634	2859	2820	6.03	cps
Molybdenum	96-1	3951	3934	3342	3742	9.26	cps
Molybdenum	97-1	1633	1692	1633	1653	2.04	cps
Molybdenum	98-1	4317	4217	4701	4412	5.78	cps
Neodymium	150-1	27	33	13	24	41.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	127657	128229	126698	127528	0.61	cps
Phosphorus	31-2	183	183	75	147	42.49	cps
Potassium	39-2	285824	287850	283969	285881	0.68	cps
Rhodium	103-1	16664722	16966199	16483245	16704722	1.46	cps
Rhodium	103-2	7409060	7286120	7390734	7361971	0.90	cps
Scandium	45-1	13891655	13978235	13458165	13776019	2.02	cps
Scandium	45-2	420757	416447	423593	420266	0.86	cps
Selenium	82-1	34798	34716	34692	34735	0.16	cps
Selenium	77-2	960	963	967	963	0.35	cps
Selenium	78-2	3232	3247	3345	3274	1.87	cps
Silicon	28-1	349431	356085	361741	355752	1.73	cps
Silver	107-1	534538	530691	535421	533550	0.47	cps
Silver	109-1	500663	516559	515338	510853	1.73	cps
Sodium	23-2	837449	856334	849569	847784	1.13	cps
Strontium	86-1	5651	5626	5068	5448	6.06	cps
Strontium	88-1	40017	41354	40066	40479	1.87	cps
Sulfur	34-1	510588	498687	505382	504886	1.18	cps
Terbium	159-1	21382656	21547953	20855183	21261931	1.70	cps
Terbium	159-2	8423610	8301344	8393226	8372727	0.76	cps
Thallium	203-1	1586350	1570624	1578004	1578326	0.50	cps
Thallium	205-1	3793545	3802684	3778103	3791444	0.33	cps
Tin	118-1	1984	2025	1917	1975	2.77	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICV37	Instrumnet Name :	P8
Client Sample ID :	ICV37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:19:33	DataFile Name :	016ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1200	1358	1108	1222	10.35	cps
Uranium	238-1	2725	2725	2684	2711	0.89	cps
Vanadium	51-2	205099	202123	201222	202814	1.00	cps
Ytterbium	172-1	17	42	8	22	78.07	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	2234	2159	2359	2250	4.49	cps
Ytterbium	176-2	1722	1917	1695	1778	6.81	cps
Yttrium	89-1	30693995	30166852	29187763	30016203	2.55	cps
Yttrium	89-2	2962703	2898249	2982729	2947894	1.50	cps
Zinc	66-2	80189	82079	82056	81441	1.33	cps
Zirconium	90-1	3942	3959	3842	3915	1.61	cps
Zirconium	91-1	967	842	908	906	6.91	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:43:09	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1444	1460	1382	1429	2.86	cps
Antimony	121-1	13616	14975	14333	14308	4.75	cps
Arsenic	75-2	218	206	186	203	7.95	cps
Barium	135-1	18021	17495	17295	17604	2.13	cps
Barium	137-1	29742	30819	29775	30112	2.03	cps
Beryllium	9-1	3018	3146	2930	3031	3.58	cps
Bismuth	209-1	13751060	13068719	13381335	13400371	2.55	cps
Bismuth	209-2	6304234	6184251	6141832	6210106	1.36	cps
Boron	10-1	8503	9145	9577	9075	5.96	cps
Boron	11-1	40538	42441	44165	42381	4.28	cps
Bromine	81-1	7049	7089	6769	6969	2.51	cps
Cadmium	111-1	4367	4108	4156	4210	3.27	cps
Cadmium	106-1	10071	9337	9512	9640	3.98	cps
Cadmium	108-1	217	246	246	236	7.13	cps
Calcium	43-1	14302	14285	14339	14309	0.19	cps
Calcium	44-1	248619	252140	250941	250567	0.71	cps
Carbon	12-1	4453062	4296168	4262712	4337314	2.34	cps
Carbon	12-2	46006	45061	45254	45440	1.10	cps
Chlorine	35-1	193092	188905	187857	189951	1.46	cps
Chlorine	35-2	1142	1383	1183	1236	10.45	cps
Chromium	52-2	5461	5228	5101	5263	3.47	cps
Cobalt	59-2	4071	4327	4587	4328	5.97	cps
Copper	63-2	7018	6895	6948	6954	0.89	cps
Dysprosium	156-1	42	17	0	19	107.85	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	175	83	33	97	73.90	cps
Erbium	164-2	67	57	47	57	17.65	cps
Gadolinium	160-1	150	92	250	164	48.86	cps
Gadolinium	160-2	60	57	60	59	3.26	cps
Holmium	165-1	21704723	20535273	21034859	21091618	2.78	cps
Holmium	165-2	9019058	8975114	8624172	8872782	2.44	cps
Indium	115-1	19430183	17635486	18534065	18533245	4.84	cps
Indium	115-2	2498158	2493009	2496187	2495785	0.10	cps
Iron	54-2	5974	5707	5596	5759	3.37	cps
Iron	56-2	94914	96492	95959	95788	0.84	cps
Iron	57-2	2361	2467	2250	2359	4.59	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:43:09	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	557	523	640	573	10.48	cps
Lead	206-1	6302	6207	6202	6237	0.90	cps
Lead	207-1	5285	5624	5535	5481	3.21	cps
Lead	208-1	25466	25499	25483	25483	0.07	cps
Lithium	6-1	11218503	10554870	10629422	10800932	3.37	cps
Magnesium	24-2	93810	96722	98927	96486	2.66	cps
Manganese	55-2	1210	1187	1300	1232	4.86	cps
Molybdenum	94-1	16210	16510	16076	16265	1.37	cps
Molybdenum	95-1	19164	18821	19297	19094	1.28	cps
Molybdenum	96-1	21609	21701	21626	21645	0.23	cps
Molybdenum	97-1	12014	12139	11689	11947	1.95	cps
Molybdenum	98-1	31344	31169	30067	30860	2.24	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1230	1123	1210	1188	4.77	cps
Phosphorus	31-2	100	75	50	75	33.33	cps
Potassium	39-2	73169	74476	74350	73998	0.97	cps
Rhodium	103-1	18181245	16877676	17921891	17660271	3.91	cps
Rhodium	103-2	7775113	7647781	7554386	7659093	1.45	cps
Scandium	45-1	14703676	13770788	14369776	14281413	3.31	cps
Scandium	45-2	445313	433371	429090	435924	1.93	cps
Selenium	82-1	765	775	707	749	4.87	cps
Selenium	77-2	23	23	17	21	18.21	cps
Selenium	78-2	94	94	92	93	1.24	cps
Silicon	28-1	378780	376287	371606	375557	0.97	cps
Silver	107-1	9370	9345	9695	9470	2.06	cps
Silver	109-1	8586	9604	8811	9000	5.94	cps
Sodium	23-2	207582	212393	210276	210083	1.15	cps
Strontium	86-1	3601	3759	3901	3753	4.00	cps
Strontium	88-1	24547	25449	25182	25059	1.85	cps
Sulfur	34-1	538967	550511	547247	545575	1.09	cps
Terbium	159-1	23018659	21522731	21671816	22071069	3.73	cps
Terbium	159-2	8691790	8394065	8430964	8505606	1.91	cps
Thallium	203-1	6894	7252	6827	6991	3.27	cps
Thallium	205-1	16619	16678	15927	16408	2.55	cps
Tin	118-1	32339	31270	30309	31306	3.24	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:43:09	DataFile Name :	017LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6844	6827	6835	6835	0.12	cps
Uranium	238-1	19666	20350	20083	20033	1.72	cps
Vanadium	51-2	8839	9123	8783	8915	2.04	cps
Ytterbium	172-1	33	25	33	31	15.74	cps
Ytterbium	172-2	28	11	11	17	57.75	cps
Ytterbium	176-1	2650	2575	2567	2598	1.77	cps
Ytterbium	176-2	2550	2528	2500	2526	0.99	cps
Yttrium	89-1	31912556	29770100	30771678	30818111	3.48	cps
Yttrium	89-2	3138638	3007232	2976620	3040830	2.83	cps
Zinc	66-2	970	1137	1047	1051	7.94	cps
Zirconium	90-1	15342	14099	15209	14883	4.59	cps
Zirconium	91-1	3084	3134	2942	3053	3.26	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : ICB37 Instrumnet Name : P8
 Client Sample ID : ICB37 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 09:46:10 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	127	130	122	127	3.01	cps
Antimony	121-1	108	100	158	122	25.81	cps
Arsenic	75-2	6	5	5	5	10.83	cps
Barium	135-1	75	108	125	103	24.77	cps
Barium	137-1	142	158	142	147	6.54	cps
Beryllium	9-1	56	62	50	56	10.72	cps
Bismuth	209-1	12854686	12744493	13462757	13020645	2.97	cps
Bismuth	209-2	6239167	6144000	6055062	6146076	1.50	cps
Boron	10-1	2354	2086	2118	2186	6.70	cps
Boron	11-1	10252	10117	9557	9975	3.69	cps
Bromine	81-1	6759	6659	7019	6812	2.73	cps
Cadmium	111-1	1780	1857	1946	1861	4.46	cps
Cadmium	106-1	9053	9187	9795	9345	4.23	cps
Cadmium	108-1	79	50	54	61	25.81	cps
Calcium	43-1	361	345	387	365	5.88	cps
Calcium	44-1	22298	22216	22532	22349	0.74	cps
Carbon	12-1	5235205	5283450	5359668	5292774	1.19	cps
Carbon	12-2	58659	57237	58860	58252	1.52	cps
Chlorine	35-1	206829	208689	208408	207976	0.48	cps
Chlorine	35-2	1342	1242	1217	1267	5.22	cps
Chromium	52-2	747	667	717	710	5.69	cps
Cobalt	59-2	100	87	67	84	19.87	cps
Copper	63-2	770	727	773	757	3.44	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	133	167	108	136	21.50	cps
Erbium	164-2	60	47	60	56	13.85	cps
Gadolinium	160-1	117	150	208	158	29.30	cps
Gadolinium	160-2	53	73	53	60	19.25	cps
Holmium	165-1	20968477	20964389	21412062	21114976	1.22	cps
Holmium	165-2	8555513	8605442	8503959	8554972	0.59	cps
Indium	115-1	17781951	18163567	19124126	18356548	3.77	cps
Indium	115-2	2511439	2429167	2407717	2449441	2.24	cps
Iron	54-2	400	417	311	376	15.10	cps
Iron	56-2	2623	2567	2773	2654	4.01	cps
Iron	57-2	94	67	89	83	17.64	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : ICB37 Instrumnet Name : P8
 Client Sample ID : ICB37 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 09:46:10 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	517	567	473	519	9.00	cps
Lead	206-1	1106	1039	1000	1048	5.09	cps
Lead	207-1	928	995	889	937	5.70	cps
Lead	208-1	4334	4211	4167	4237	2.04	cps
Lithium	6-1	10613731	10621545	10978312	10737863	1.94	cps
Magnesium	24-2	417	250	267	311	29.51	cps
Manganese	55-2	73	100	70	81	20.27	cps
Molybdenum	94-1	483	567	642	564	14.05	cps
Molybdenum	95-1	42	83	25	50	60.09	cps
Molybdenum	96-1	208	258	167	211	21.74	cps
Molybdenum	97-1	25	67	42	44	47.19	cps
Molybdenum	98-1	83	100	92	92	9.09	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	57	33	53	48	26.42	cps
Phosphorus	31-2	125	117	75	106	25.38	cps
Potassium	39-2	11922	13065	12814	12600	4.77	cps
Rhodium	103-1	17467622	17381495	17834309	17561142	1.37	cps
Rhodium	103-2	7589181	7499427	7529217	7539275	0.61	cps
Scandium	45-1	13687562	13795966	14620660	14034730	3.64	cps
Scandium	45-2	422489	428424	425241	425385	0.70	cps
Selenium	82-1	47	-8	84	41	113.16	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	23	29	34	29	19.21	cps
Silicon	28-1	308518	309217	312245	309993	0.64	cps
Silver	107-1	275	258	300	278	7.55	cps
Silver	109-1	200	150	133	161	21.53	cps
Sodium	23-2	19372	18663	18679	18904	2.14	cps
Strontium	86-1	1258	1017	900	1058	17.27	cps
Strontium	88-1	517	650	558	575	11.86	cps
Sulfur	34-1	546788	555710	543544	548681	1.15	cps
Terbium	159-1	21060262	21482150	22471729	21671380	3.34	cps
Terbium	159-2	8639819	8396146	8453227	8496397	1.50	cps
Thallium	203-1	475	425	367	422	12.84	cps
Thallium	205-1	1075	1200	1150	1142	5.51	cps
Tin	118-1	1225	917	1067	1070	14.42	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICB37	Instrumnet Name :	P8
Client Sample ID :	ICB37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:46:10	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	108	217	217	181	34.64	cps
Uranium	238-1	8	33	8	17	86.62	cps
Vanadium	51-2	10	13	7	10	33.30	cps
Ytterbium	172-1	67	25	58	50	44.10	cps
Ytterbium	172-2	28	28	6	20	62.97	cps
Ytterbium	176-1	2275	2542	2559	2459	6.47	cps
Ytterbium	176-2	1978	2045	1845	1956	5.21	cps
Yttrium	89-1	30705706	30136067	31396073	30745949	2.05	cps
Yttrium	89-2	3033650	2957559	2931275	2974161	1.79	cps
Zinc	66-2	323	253	277	284	12.53	cps
Zirconium	90-1	1542	1600	1917	1686	11.97	cps
Zirconium	91-1	250	275	300	275	9.09	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICSA37	Instrumnet Name :	P8
Client Sample ID :	ICSA37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:49:14	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6466351	6527880	6510275	6501502	0.49	cps
Antimony	121-1	8653	8770	8436	8620	1.96	cps
Arsenic	75-2	76	63	66	68	9.96	cps
Barium	135-1	2950	2675	2634	2753	6.25	cps
Barium	137-1	4551	4901	4718	4723	3.71	cps
Beryllium	9-1	858	880	884	874	1.60	cps
Bismuth	209-1	12622750	12581061	13033050	12745621	1.96	cps
Bismuth	209-2	5737078	5762427	5717958	5739155	0.39	cps
Boron	10-1	1788	1786	1854	1809	2.14	cps
Boron	11-1	8577	8355	8419	8450	1.35	cps
Bromine	81-1	6308	6638	7209	6719	6.79	cps
Cadmium	111-1	3147	2891	3065	3034	4.31	cps
Cadmium	106-1	8603	7752	8061	8139	5.29	cps
Cadmium	108-1	2642	2550	2592	2595	1.77	cps
Calcium	43-1	2951603	2917259	3001659	2956840	1.44	cps
Calcium	44-1	47170590	46726271	47945907	47280922	1.31	cps
Carbon	12-1	33691814	34466460	35274812	34477696	2.30	cps
Carbon	12-2	376818	378429	372890	376046	0.76	cps
Chlorine	35-1	13732966	17572026	21011437	17438810	20.88	cps
Chlorine	35-2	181552	201167	216114	199611	8.68	cps
Chromium	52-2	49218	49328	49205	49250	0.14	cps
Cobalt	59-2	5118	4964	5144	5075	1.91	cps
Copper	63-2	24685	24865	25019	24856	0.67	cps
Dysprosium	156-1	50	50	42	47	10.18	cps
Dysprosium	156-2	20	17	20	19	10.18	cps
Erbium	164-1	167	258	158	194	28.54	cps
Erbium	164-2	50	43	60	51	16.42	cps
Gadolinium	160-1	208	158	125	164	25.59	cps
Gadolinium	160-2	80	83	33	66	42.65	cps
Holmium	165-1	20398674	21448907	21752982	21200188	3.35	cps
Holmium	165-2	8692739	8584957	8677334	8651677	0.67	cps
Indium	115-1	17434453	17696916	17939133	17690167	1.43	cps
Indium	115-2	2350980	2381220	2318235	2350145	1.34	cps
Iron	54-2	10340104	10160387	10535029	10345173	1.81	cps
Iron	56-2	187515882	189618499	188648604	188594328	0.56	cps
Iron	57-2	4764451	4813476	4781567	4786498	0.52	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : ICSA37 Instrumnet Name : P8
 Client Sample ID : ICSA37 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 09:49:14 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	477	530	567	524	8.63	cps
Lead	206-1	28866	30180	28899	29315	2.56	cps
Lead	207-1	23293	23572	24234	23700	2.04	cps
Lead	208-1	108822	110470	112318	110537	1.58	cps
Lithium	6-1	10414102	10334126	10370148	10372792	0.39	cps
Magnesium	24-2	20068808	19735394	19943847	19916016	0.85	cps
Manganese	55-2	8453	8963	8559	8658	3.11	cps
Molybdenum	94-1	4536420	4608011	4508558	4550996	1.13	cps
Molybdenum	95-1	8015509	7900109	8074780	7996799	1.11	cps
Molybdenum	96-1	8656668	8560422	8787841	8668310	1.32	cps
Molybdenum	97-1	4922871	4919766	4967319	4936652	0.54	cps
Molybdenum	98-1	12693790	12647332	12880191	12740437	0.97	cps
Neodymium	150-1	27	60	27	38	50.93	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	6168	6131	6218	6173	0.71	cps
Phosphorus	31-2	344704	350626	351517	348949	1.06	cps
Potassium	39-2	12623995	12844374	12953826	12807398	1.31	cps
Rhodium	103-1	15836885	16212319	16261338	16103514	1.44	cps
Rhodium	103-2	7059704	7119721	6904752	7028059	1.58	cps
Scandium	45-1	13534219	13635423	13653458	13607700	0.47	cps
Scandium	45-2	419661	419109	412918	417229	0.90	cps
Selenium	82-1	88	36	22	49	71.47	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	32	19	17	23	35.93	cps
Silicon	28-1	533739	539958	543856	539184	0.95	cps
Silver	107-1	583	583	433	533	16.24	cps
Silver	109-1	425	375	450	417	9.16	cps
Sodium	23-2	39826501	40185251	40674619	40228790	1.06	cps
Strontium	86-1	97447	95114	98044	96869	1.60	cps
Strontium	88-1	823442	810129	836097	823223	1.58	cps
Sulfur	34-1	4904978	4760003	4807632	4824204	1.53	cps
Terbium	159-1	21573792	21734028	22171346	21826389	1.42	cps
Terbium	159-2	8250358	8581442	8197200	8343000	2.50	cps
Thallium	203-1	642	675	725	681	6.16	cps
Thallium	205-1	1467	1750	1784	1667	10.44	cps
Tin	118-1	3869	2484	2517	2956	26.73	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICSA37	Instrumnet Name :	P8
Client Sample ID :	ICSA37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:49:14	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2715403	2739161	2802129	2752231	1.63	cps
Uranium	238-1	408	358	475	414	14.14	cps
Vanadium	51-2	260	273	287	273	4.88	cps
Ytterbium	172-1	50	58	58	56	8.66	cps
Ytterbium	172-2	28	17	11	19	45.83	cps
Ytterbium	176-1	2475	2267	2334	2359	4.51	cps
Ytterbium	176-2	1711	1728	1678	1706	1.49	cps
Yttrium	89-1	29449271	29715876	30080951	29748700	1.07	cps
Yttrium	89-2	2898498	3002471	2912947	2937972	1.92	cps
Zinc	66-2	4374	4291	4244	4303	1.53	cps
Zirconium	90-1	1775	1683	1625	1695	4.46	cps
Zirconium	91-1	325	383	242	317	22.48	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : ICSAB37 Instrumnet Name : P8
 Client Sample ID : ICSAB37 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 09:52:07 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6493841	6545726	6623501	6554356	1.00	cps
Antimony	121-1	161837	164536	161837	162736	0.96	cps
Arsenic	75-2	4499	4462	4405	4455	1.06	cps
Barium	135-1	42133	41790	40260	41394	2.41	cps
Barium	137-1	73274	73810	73793	73626	0.41	cps
Beryllium	9-1	61395	62429	61584	61802	0.89	cps
Bismuth	209-1	12909841	12201466	12729640	12613649	2.92	cps
Bismuth	209-2	5907582	5680408	5695724	5761238	2.20	cps
Boron	10-1	23236	23740	24465	23814	2.60	cps
Boron	11-1	108340	111886	114646	111624	2.83	cps
Bromine	81-1	6849	7580	7279	7236	5.08	cps
Cadmium	111-1	42604	44112	42382	43033	2.19	cps
Cadmium	106-1	14525	13782	14583	14297	3.12	cps
Cadmium	108-1	6639	6297	6352	6429	2.86	cps
Calcium	43-1	3085068	3065458	3034704	3061743	0.83	cps
Calcium	44-1	49675512	49403562	49285541	49454872	0.40	cps
Carbon	12-1	34073589	34598202	36106387	34926059	3.02	cps
Carbon	12-2	382443	388440	385988	385624	0.78	cps
Chlorine	35-1	28098916	31556081	33811523	31155507	9.24	cps
Chlorine	35-2	255044	266250	265399	262231	2.38	cps
Chromium	52-2	98765	100104	99749	99539	0.70	cps
Cobalt	59-2	93344	92895	92428	92889	0.49	cps
Copper	63-2	88189	89500	89768	89152	0.95	cps
Dysprosium	156-1	42	25	92	53	65.74	cps
Dysprosium	156-2	13	23	10	16	44.60	cps
Erbium	164-1	175	192	158	175	9.52	cps
Erbium	164-2	67	87	73	76	13.48	cps
Gadolinium	160-1	200	167	183	183	9.09	cps
Gadolinium	160-2	80	73	53	69	20.15	cps
Holmium	165-1	21425393	21224058	22497620	21715690	3.15	cps
Holmium	165-2	9045528	8432769	8478284	8652194	3.95	cps
Indium	115-1	18184957	17642846	18533369	18120390	2.48	cps
Indium	115-2	2388593	2273005	2311761	2324453	2.53	cps
Iron	54-2	10664371	10678313	10760737	10701140	0.49	cps
Iron	56-2	190973665	193377104	189616860	191322543	1.00	cps
Iron	57-2	4881503	4911104	4874758	4889122	0.40	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICSAB37	Instrumnet Name :	P8
Client Sample ID :	ICSAB37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:52:07	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	600	487	570	12.83	cps
Lead	206-1	152295	147171	146886	148784	2.05	cps
Lead	207-1	125065	124095	123075	124078	0.80	cps
Lead	208-1	583705	573901	573246	576951	1.02	cps
Lithium	6-1	10534505	10056418	10572887	10387937	2.77	cps
Magnesium	24-2	19732733	20192576	19903507	19942939	1.17	cps
Manganese	55-2	32210	32450	32066	32242	0.60	cps
Molybdenum	94-1	5033335	5054841	5109578	5065918	0.78	cps
Molybdenum	95-1	8508977	8527375	8556326	8530892	0.28	cps
Molybdenum	96-1	9242226	9250974	9190077	9227759	0.36	cps
Molybdenum	97-1	5203372	5212447	5299951	5238590	1.02	cps
Molybdenum	98-1	13399742	13552306	13662344	13538131	0.97	cps
Neodymium	150-1	33	33	73	47	49.49	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	29344	30246	29571	29720	1.58	cps
Phosphorus	31-2	354884	359485	358786	357718	0.69	cps
Potassium	39-2	13145583	13275667	12900540	13107263	1.45	cps
Rhodium	103-1	16499675	16410519	16845173	16585122	1.38	cps
Rhodium	103-2	7355799	6921117	7034885	7103934	3.17	cps
Scandium	45-1	14081924	13668644	14477661	14076076	2.87	cps
Scandium	45-2	438471	411851	412466	420929	3.61	cps
Selenium	82-1	3095	3130	3327	3184	3.91	cps
Selenium	77-2	60	73	93	76	22.20	cps
Selenium	78-2	297	319	328	315	5.07	cps
Silicon	28-1	976886	985470	861208	941188	7.37	cps
Silver	107-1	199296	196767	197687	197917	0.65	cps
Silver	109-1	190853	192264	191622	191580	0.37	cps
Sodium	23-2	39719444	41263354	41605235	40862678	2.46	cps
Strontium	86-1	246860	249726	249561	248716	0.65	cps
Strontium	88-1	2161143	2180059	2159072	2166758	0.53	cps
Sulfur	34-1	4858245	4993127	4968823	4940065	1.46	cps
Terbium	159-1	22581013	21736005	22652926	22323315	2.28	cps
Terbium	159-2	8534269	8090646	8174006	8266307	2.85	cps
Thallium	203-1	149272	149929	148015	149072	0.65	cps
Thallium	205-1	361018	356540	358852	358803	0.62	cps
Tin	118-1	369150	367550	367192	367964	0.28	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	ICSAB37	Instrumnet Name :	P8
Client Sample ID :	ICSAB37	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:52:07	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2944989	2942789	2952633	2946804	0.18	cps
Uranium	238-1	1256024	1216760	1242261	1238348	1.61	cps
Vanadium	51-2	40150	39100	39605	39618	1.32	cps
Ytterbium	172-1	33	75	67	58	37.80	cps
Ytterbium	172-2	17	33	50	33	50.00	cps
Ytterbium	176-1	3667	3376	3909	3651	7.32	cps
Ytterbium	176-2	2167	2322	2239	2243	3.47	cps
Yttrium	89-1	30971044	30531715	31000750	30834503	0.85	cps
Yttrium	89-2	3034732	2891124	2877540	2934465	2.97	cps
Zinc	66-2	11728	12082	11728	11846	1.72	cps
Zirconium	90-1	808431	822992	809853	813758	0.99	cps
Zirconium	91-1	180519	179556	177659	179245	0.81	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCV41 Instrumnet Name : P8
 Client Sample ID : CCV41 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 09:55:02 DataFile Name : 021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3571207	3571476	3596706	3579796	0.41	cps
Antimony	121-1	3701627	3745064	3716485	3721059	0.59	cps
Arsenic	75-2	115888	116644	116427	116320	0.33	cps
Barium	135-1	4680676	4756011	4673155	4703281	0.97	cps
Barium	137-1	8073422	7896213	8092735	8020790	1.35	cps
Beryllium	9-1	1626339	1579531	1544693	1583521	2.59	cps
Bismuth	209-1	12155634	12342852	12212118	12236868	0.78	cps
Bismuth	209-2	5519918	5650861	5705580	5625453	1.70	cps
Boron	10-1	171099	178503	187009	178871	4.45	cps
Boron	11-1	790597	832757	868698	830684	4.71	cps
Bromine	81-1	6949	7339	7309	7199	3.02	cps
Cadmium	111-1	1015295	1032487	1031757	1026513	0.95	cps
Cadmium	106-1	127974	129480	128033	128496	0.66	cps
Cadmium	108-1	83199	81439	82562	82400	1.08	cps
Calcium	43-1	7918488	7790386	7903725	7870866	0.89	cps
Calcium	44-1	129628462	127814348	128967477	128803429	0.71	cps
Carbon	12-1	6904628	7175304	7417307	7165746	3.58	cps
Carbon	12-2	84300	86203	85399	85301	1.12	cps
Chlorine	35-1	7365298	6908914	6405289	6893167	6.97	cps
Chlorine	35-2	40933	38293	37215	38814	4.93	cps
Chromium	52-2	1281040	1263429	1267097	1270522	0.73	cps
Cobalt	59-2	2277089	2242731	2276032	2265284	0.86	cps
Copper	63-2	16733423	16981285	16854565	16856424	0.74	cps
Dysprosium	156-1	700	650	858	736	14.78	cps
Dysprosium	156-2	320	293	340	318	7.37	cps
Erbium	164-1	333	308	283	308	8.11	cps
Erbium	164-2	87	93	77	86	9.80	cps
Gadolinium	160-1	1000	925	925	950	4.56	cps
Gadolinium	160-2	443	387	383	404	8.34	cps
Holmium	165-1	21154546	21404990	20990942	21183493	0.98	cps
Holmium	165-2	8647410	8703582	8967504	8772832	1.95	cps
Indium	115-1	17013858	18062088	17710446	17595464	3.03	cps
Indium	115-2	2322835	2346406	2392857	2354033	1.51	cps
Iron	54-2	13951935	13687409	13630678	13756674	1.25	cps
Iron	56-2	251963867	248056883	255234978	251751909	1.43	cps
Iron	57-2	6261443	6243107	6295773	6266774	0.43	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:55:02	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	653	660	503	606	14.63	cps
Lead	206-1	14405401	14596047	14934141	14645196	1.83	cps
Lead	207-1	12412276	12430627	12831960	12558288	1.89	cps
Lead	208-1	57470795	57769158	59056807	58098920	1.45	cps
Lithium	6-1	10334782	10411390	10493609	10413260	0.76	cps
Magnesium	24-2	55400010	55162472	55269924	55277469	0.22	cps
Manganese	55-2	6515582	6467222	6391182	6457995	0.97	cps
Molybdenum	94-1	8777173	8706841	8710951	8731655	0.45	cps
Molybdenum	95-1	10699826	10537769	10699761	10645785	0.88	cps
Molybdenum	96-1	11801897	11778358	11863442	11814566	0.37	cps
Molybdenum	97-1	6546974	6494443	6581626	6541015	0.67	cps
Molybdenum	98-1	17352760	16998508	17149010	17166759	1.04	cps
Neodymium	150-1	333	220	360	304	24.42	cps
Neodymium	150-2	17	13	20	17	20.01	cps
Nickel	60-2	585239	588890	587347	587159	0.31	cps
Phosphorus	31-2	36881	36939	37365	37062	0.71	cps
Potassium	39-2	17264460	17421052	17353945	17346486	0.45	cps
Rhodium	103-1	16192807	16338120	16612571	16381166	1.30	cps
Rhodium	103-2	6914466	7035130	7109429	7019675	1.40	cps
Scandium	45-1	14024943	14533996	14286578	14281839	1.78	cps
Scandium	45-2	430742	434038	436405	433728	0.66	cps
Selenium	82-1	81958	81712	82206	81959	0.30	cps
Selenium	77-2	2130	2257	2210	2199	2.91	cps
Selenium	78-2	7629	7589	7621	7613	0.28	cps
Silicon	28-1	3833308	3931271	3990488	3918356	2.03	cps
Silver	107-1	4942865	5004626	4918653	4955381	0.89	cps
Silver	109-1	4810934	4689923	4819471	4773443	1.52	cps
Sodium	23-2	104999573	105693579	106017492	105570215	0.49	cps
Strontium	86-1	13946009	13995633	14100426	14014023	0.56	cps
Strontium	88-1	121560403	120583619	121890344	121344789	0.56	cps
Sulfur	34-1	936876	936338	953917	942377	1.06	cps
Terbium	159-1	21286084	22017965	22353578	21885876	2.49	cps
Terbium	159-2	8330232	8454906	8440033	8408390	0.81	cps
Thallium	203-1	3608756	3751282	3682868	3680969	1.94	cps
Thallium	205-1	8318146	8565700	8666937	8516928	2.11	cps
Tin	118-1	3306391	3374556	3335352	3338766	1.02	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 09:55:02	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3551901	3547666	3554733	3551434	0.10	cps
Uranium	238-1	11383896	11557217	11327700	11422937	1.05	cps
Vanadium	51-2	1042800	1033340	1042482	1039541	0.52	cps
Ytterbium	172-1	83	108	83	92	15.74	cps
Ytterbium	172-2	39	67	22	43	52.72	cps
Ytterbium	176-1	17354	17512	18038	17634	2.03	cps
Ytterbium	176-2	7980	7758	8186	7975	2.68	cps
Yttrium	89-1	30138549	30952825	30858993	30650122	1.45	cps
Yttrium	89-2	2987873	3007632	3067908	3021138	1.38	cps
Zinc	66-2	1903846	1930988	1948738	1927857	1.17	cps
Zirconium	90-1	7579205	7554958	7636537	7590233	0.55	cps
Zirconium	91-1	1700201	1674243	1718996	1697813	1.32	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 10:03:13 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	132	130	131	131	0.95	cps
Antimony	121-1	483	492	550	508	7.15	cps
Arsenic	75-2	4	6	2	4	50.00	cps
Barium	135-1	100	108	167	125	29.06	cps
Barium	137-1	150	167	108	142	21.21	cps
Beryllium	9-1	78	72	60	70	13.09	cps
Bismuth	209-1	12900948	13494674	13788390	13394671	3.38	cps
Bismuth	209-2	6394906	6336916	6301711	6344511	0.74	cps
Boron	10-1	3710	3514	3474	3566	3.54	cps
Boron	11-1	17199	16568	16512	16760	2.27	cps
Bromine	81-1	6628	6999	7480	7036	6.07	cps
Cadmium	111-1	1847	1804	2068	1907	7.43	cps
Cadmium	106-1	9011	8903	10087	9334	7.01	cps
Cadmium	108-1	25	38	58	40	41.80	cps
Calcium	43-1	386	361	386	378	3.82	cps
Calcium	44-1	23585	23022	23091	23233	1.32	cps
Carbon	12-1	5124604	5113419	5158247	5132090	0.45	cps
Carbon	12-2	54334	54075	56116	54842	2.03	cps
Chlorine	35-1	1469631	1438722	1388231	1432195	2.87	cps
Chlorine	35-2	9378	8770	9145	9098	3.38	cps
Chromium	52-2	703	760	790	751	5.86	cps
Cobalt	59-2	80	70	93	81	14.43	cps
Copper	63-2	1093	1100	1150	1115	2.78	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	17	13	0	10	88.20	cps
Erbium	164-1	108	125	175	136	25.49	cps
Erbium	164-2	60	47	40	49	20.83	cps
Gadolinium	160-1	225	225	275	242	11.94	cps
Gadolinium	160-2	40	47	40	42	9.12	cps
Holmium	165-1	21364781	21388530	21929518	21560943	1.48	cps
Holmium	165-2	8966802	9070982	8572397	8870060	2.96	cps
Indium	115-1	18457117	18769435	19070414	18765655	1.63	cps
Indium	115-2	2543380	2559014	2446078	2516157	2.43	cps
Iron	54-2	567	533	406	502	16.95	cps
Iron	56-2	4395	4145	4140	4227	3.45	cps
Iron	57-2	117	83	94	98	17.29	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 10:03:13 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	610	610	600	607	0.95	cps
Lead	206-1	1183	1295	1183	1220	5.26	cps
Lead	207-1	1089	906	967	987	9.46	cps
Lead	208-1	5000	4867	4723	4863	2.86	cps
Lithium	6-1	10926357	10887191	11197492	11003680	1.54	cps
Magnesium	24-2	592	733	767	697	13.33	cps
Manganese	55-2	140	93	143	126	22.27	cps
Molybdenum	94-1	933	725	800	819	12.88	cps
Molybdenum	95-1	375	508	383	422	17.69	cps
Molybdenum	96-1	483	575	492	517	9.81	cps
Molybdenum	97-1	217	250	208	225	9.80	cps
Molybdenum	98-1	608	525	608	581	8.29	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	43	57	37	46	22.36	cps
Phosphorus	31-2	108	58	117	94	33.40	cps
Potassium	39-2	13774	13640	13807	13740	0.64	cps
Rhodium	103-1	17938955	18171131	18117985	18076024	0.67	cps
Rhodium	103-2	7767482	7924868	7828200	7840183	1.01	cps
Scandium	45-1	14515835	14200587	14963500	14559974	2.63	cps
Scandium	45-2	448602	452298	434538	445146	2.11	cps
Selenium	82-1	-36	-53	-37	-42	-22.58	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	33	31	29	31	6.45	cps
Silicon	28-1	306003	310710	308573	308429	0.76	cps
Silver	107-1	450	383	425	419	8.03	cps
Silver	109-1	267	258	242	256	4.98	cps
Sodium	23-2	23745	23144	23970	23620	1.81	cps
Strontium	86-1	1267	1108	833	1070	20.50	cps
Strontium	88-1	1292	1342	1200	1278	5.62	cps
Sulfur	34-1	507648	510302	513180	510377	0.54	cps
Terbium	159-1	22668557	22649410	22713290	22677085	0.14	cps
Terbium	159-2	8764128	8682283	8594745	8680385	0.98	cps
Thallium	203-1	833	967	842	881	8.48	cps
Thallium	205-1	2192	2092	2250	2178	3.68	cps
Tin	118-1	958	1225	1083	1089	12.25	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:03:13	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	225	275	231	18.19	cps
Uranium	238-1	108	75	75	86	22.35	cps
Vanadium	51-2	30	17	13	20	44.10	cps
Ytterbium	172-1	50	50	42	47	10.18	cps
Ytterbium	172-2	22	39	17	26	44.60	cps
Ytterbium	176-1	2600	2509	2684	2598	3.37	cps
Ytterbium	176-2	1922	2178	1861	1987	8.46	cps
Yttrium	89-1	31941040	31796635	31411533	31716403	0.86	cps
Yttrium	89-2	3105945	3093760	3078745	3092817	0.44	cps
Zinc	66-2	273	233	237	248	8.96	cps
Zirconium	90-1	1742	1867	1783	1797	3.54	cps
Zirconium	91-1	317	267	317	300	9.62	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 10:23:56 DataFile Name : 025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1447	1424	1377	1416	2.51	cps
Antimony	121-1	13716	13816	14291	13941	2.21	cps
Arsenic	75-2	197	213	199	203	4.29	cps
Barium	135-1	17137	16644	17520	17100	2.57	cps
Barium	137-1	28898	30869	30736	30168	3.65	cps
Beryllium	9-1	3038	2964	2964	2988	1.43	cps
Bismuth	209-1	13459513	12538845	12708883	12902414	3.80	cps
Bismuth	209-2	6438390	6360352	6283695	6360812	1.22	cps
Boron	10-1	8169	8867	9265	8767	6.33	cps
Boron	11-1	38402	41883	43965	41417	6.79	cps
Bromine	81-1	6929	7079	7099	7036	1.32	cps
Cadmium	111-1	4173	4199	4052	4141	1.89	cps
Cadmium	106-1	9454	9112	8945	9170	2.83	cps
Cadmium	108-1	204	213	238	218	7.95	cps
Calcium	43-1	14302	14601	14673	14525	1.36	cps
Calcium	44-1	246800	253613	248941	249784	1.39	cps
Carbon	12-1	4597527	4590263	4537992	4575261	0.71	cps
Carbon	12-2	49166	48439	48916	48840	0.76	cps
Chlorine	35-1	427656	426101	420306	424687	0.91	cps
Chlorine	35-2	2984	2717	2675	2792	5.99	cps
Chromium	52-2	5444	5361	5518	5441	1.44	cps
Cobalt	59-2	4544	4324	4154	4341	4.51	cps
Copper	63-2	7199	7102	7065	7122	0.97	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	17	7	3	9	78.08	cps
Erbium	164-1	158	100	133	131	22.42	cps
Erbium	164-2	67	43	57	56	21.08	cps
Gadolinium	160-1	142	192	175	169	15.02	cps
Gadolinium	160-2	67	63	43	58	21.85	cps
Holmium	165-1	21939684	20427398	21089520	21152201	3.58	cps
Holmium	165-2	9022494	8871858	8779759	8891370	1.38	cps
Indium	115-1	19009067	17985617	18252013	18415566	2.88	cps
Indium	115-2	2573955	2539571	2504325	2539284	1.37	cps
Iron	54-2	5701	5618	5629	5649	0.80	cps
Iron	56-2	94181	94635	93818	94211	0.43	cps
Iron	57-2	2606	2345	2450	2467	5.33	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:23:56	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	503	540	567	537	5.93	cps
Lead	206-1	6035	6368	5679	6027	5.72	cps
Lead	207-1	5335	5612	5607	5518	2.88	cps
Lead	208-1	24143	25755	24048	24649	3.89	cps
Lithium	6-1	11605149	10727426	10915714	11082763	4.17	cps
Magnesium	24-2	98759	100245	100043	99682	0.81	cps
Manganese	55-2	1263	1273	1223	1253	2.11	cps
Molybdenum	94-1	16043	16502	15567	16037	2.91	cps
Molybdenum	95-1	18905	20666	20148	19906	4.55	cps
Molybdenum	96-1	21642	21642	20891	21392	2.03	cps
Molybdenum	97-1	11080	12006	11613	11566	4.02	cps
Molybdenum	98-1	30743	31528	31820	31364	1.78	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1243	1220	1293	1252	2.99	cps
Phosphorus	31-2	100	83	92	92	9.09	cps
Potassium	39-2	74643	73437	74116	74065	0.82	cps
Rhodium	103-1	18179876	17316250	17276439	17590855	2.90	cps
Rhodium	103-2	7923152	7748789	7701742	7791228	1.50	cps
Scandium	45-1	15089223	14083439	13861789	14344817	4.56	cps
Scandium	45-2	450149	447357	434687	444064	1.86	cps
Selenium	82-1	841	805	833	826	2.33	cps
Selenium	77-2	30	17	30	26	30.11	cps
Selenium	78-2	91	93	92	92	1.09	cps
Silicon	28-1	377279	387300	406417	390332	3.79	cps
Silver	107-1	9545	9328	9545	9473	1.32	cps
Silver	109-1	8853	8344	8836	8678	3.33	cps
Sodium	23-2	207551	210609	210589	209583	0.84	cps
Strontium	86-1	3917	4076	3767	3920	3.93	cps
Strontium	88-1	24355	24998	25115	24823	1.65	cps
Sulfur	34-1	535265	537500	537290	536685	0.23	cps
Terbium	159-1	22694487	21056146	21164251	21638295	4.23	cps
Terbium	159-2	8654564	8689747	8615493	8653268	0.43	cps
Thallium	203-1	6977	6952	6885	6938	0.68	cps
Thallium	205-1	16970	17204	17112	17095	0.69	cps
Tin	118-1	30627	32264	31805	31565	2.68	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:23:56	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6410	6802	6343	6518	3.80	cps
Uranium	238-1	19758	20676	19023	19819	4.18	cps
Vanadium	51-2	9016	9103	9070	9063	0.48	cps
Ytterbium	172-1	58	58	67	61	7.87	cps
Ytterbium	172-2	39	28	61	43	39.84	cps
Ytterbium	176-1	2450	2559	2242	2417	6.66	cps
Ytterbium	176-2	2217	2545	2295	2352	7.28	cps
Yttrium	89-1	31795487	30086972	31128775	31003745	2.78	cps
Yttrium	89-2	3169002	3019367	3008081	3065483	2.93	cps
Zinc	66-2	1093	1023	1007	1041	4.42	cps
Zirconium	90-1	14983	14875	15592	15150	2.55	cps
Zirconium	91-1	3434	3167	3242	3281	4.19	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : PB139154BL Instrumnet Name : P8
 Client Sample ID : PBW154 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 10:26:57 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	102	80	85	89	13.25	cps
Antimony	121-1	67	100	92	86	20.14	cps
Arsenic	75-2	4	2	5	4	41.66	cps
Barium	135-1	133	100	133	122	15.75	cps
Barium	137-1	200	158	142	167	18.03	cps
Beryllium	9-1	38	48	34	40	18.03	cps
Bismuth	209-1	13159367	13868992	13621812	13550057	2.66	cps
Bismuth	209-2	6411799	6291284	6260317	6321133	1.27	cps
Boron	10-1	2180	2004	1894	2026	7.12	cps
Boron	11-1	9667	9005	8765	9146	5.11	cps
Bromine	81-1	6829	7239	7550	7206	5.02	cps
Cadmium	111-1	1861	1955	2000	1938	3.66	cps
Cadmium	106-1	9337	9787	10037	9720	3.65	cps
Cadmium	108-1	33	33	29	32	7.52	cps
Calcium	43-1	341	395	304	347	13.23	cps
Calcium	44-1	20026	20618	20393	20346	1.47	cps
Carbon	12-1	4527466	4504365	4465971	4499267	0.69	cps
Carbon	12-2	46223	47085	47870	47059	1.75	cps
Chlorine	35-1	377814	373537	371652	374334	0.84	cps
Chlorine	35-2	2625	2475	2392	2498	4.74	cps
Chromium	52-2	763	733	667	721	6.86	cps
Cobalt	59-2	57	47	70	58	20.26	cps
Copper	63-2	797	830	737	788	6.00	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	100	158	125	128	22.91	cps
Erbium	164-2	37	47	43	42	12.06	cps
Gadolinium	160-1	208	158	242	203	20.69	cps
Gadolinium	160-2	63	57	50	57	11.76	cps
Holmium	165-1	21341719	21425772	22203169	21656887	2.19	cps
Holmium	165-2	8664828	8625724	8891752	8727435	1.65	cps
Indium	115-1	18897880	18551895	19497637	18982471	2.52	cps
Indium	115-2	2487669	2443663	2533730	2488354	1.81	cps
Iron	54-2	422	322	278	341	21.71	cps
Iron	56-2	2156	1989	2256	2134	6.32	cps
Iron	57-2	50	67	61	59	14.32	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139154BL	Instrumnet Name :	P8
Client Sample ID :	PBW154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:26:57	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	533	570	617	573	7.29	cps
Lead	206-1	856	917	978	917	6.67	cps
Lead	207-1	811	794	889	832	6.06	cps
Lead	208-1	3384	3711	3678	3591	5.02	cps
Lithium	6-1	11091172	11032237	11195374	11106261	0.74	cps
Magnesium	24-2	142	175	275	197	35.18	cps
Manganese	55-2	63	80	53	66	20.55	cps
Molybdenum	94-1	550	500	583	544	7.70	cps
Molybdenum	95-1	75	117	58	83	36.05	cps
Molybdenum	96-1	183	192	192	189	2.55	cps
Molybdenum	97-1	17	50	50	39	49.48	cps
Molybdenum	98-1	92	92	75	86	11.18	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	30	17	40	29	40.51	cps
Phosphorus	31-2	100	125	92	106	16.43	cps
Potassium	39-2	13290	13048	12456	12931	3.32	cps
Rhodium	103-1	17822654	17939759	18741580	18167998	2.75	cps
Rhodium	103-2	7761584	7543831	7736135	7680517	1.55	cps
Scandium	45-1	14048353	14697584	14781582	14509173	2.77	cps
Scandium	45-2	437841	429358	438961	435387	1.21	cps
Selenium	82-1	58	21	-36	14	332.95	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	25	25	26	25	2.28	cps
Silicon	28-1	303453	302226	297984	301221	0.95	cps
Silver	107-1	242	250	333	275	18.43	cps
Silver	109-1	167	158	158	161	2.98	cps
Sodium	23-2	19330	19881	19380	19530	1.56	cps
Strontium	86-1	925	983	992	967	3.76	cps
Strontium	88-1	375	342	392	369	6.89	cps
Sulfur	34-1	541616	541318	552085	545006	1.13	cps
Terbium	159-1	21744473	22259652	22477278	22160468	1.70	cps
Terbium	159-2	8554981	8380488	8587172	8507547	1.31	cps
Thallium	203-1	400	475	492	456	10.72	cps
Thallium	205-1	1008	1192	1042	1081	9.04	cps
Tin	118-1	842	875	717	811	10.29	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139154BL	Instrumnet Name :	P8
Client Sample ID :	PBW154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:26:57	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	217	192	206	6.19	cps
Uranium	238-1	33	17	8	19	65.47	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Ytterbium	172-1	25	75	83	61	51.63	cps
Ytterbium	172-2	33	17	11	20	56.76	cps
Ytterbium	176-1	2342	2592	2767	2567	8.32	cps
Ytterbium	176-2	1939	1845	1683	1822	7.09	cps
Yttrium	89-1	30827675	32184689	32110167	31707510	2.41	cps
Yttrium	89-2	3055174	3008098	3033617	3032296	0.78	cps
Zinc	66-2	213	223	203	213	4.69	cps
Zirconium	90-1	1508	1683	1825	1672	9.49	cps
Zirconium	91-1	333	383	350	356	7.16	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139154BS	Instrumnet Name :	P8
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:30:01	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3379	3304	3466	3383	2.40	cps
Antimony	121-1	29833	32205	32080	31373	4.25	cps
Arsenic	75-2	462	487	437	462	5.41	cps
Barium	135-1	38714	39525	39375	39205	1.10	cps
Barium	137-1	67787	70267	69588	69214	1.85	cps
Beryllium	9-1	6724	6652	6706	6694	0.56	cps
Bismuth	209-1	13897528	12902257	13084784	13294856	3.99	cps
Bismuth	209-2	6372218	6337191	5815056	6174822	5.05	cps
Boron	10-1	16912	18860	19489	18421	7.29	cps
Boron	11-1	78235	88382	91704	86107	8.15	cps
Bromine	81-1	6879	6859	7039	6926	1.43	cps
Cadmium	111-1	6702	6395	6694	6597	2.65	cps
Cadmium	106-1	10921	9912	10046	10293	5.33	cps
Cadmium	108-1	417	483	475	458	7.93	cps
Calcium	43-1	31866	32370	32069	32102	0.79	cps
Calcium	44-1	534400	544373	540485	539752	0.93	cps
Carbon	12-1	5302598	5347597	5391758	5347318	0.83	cps
Carbon	12-2	56769	59186	55615	57190	3.19	cps
Chlorine	35-1	382324	388117	378969	383137	1.21	cps
Chlorine	35-2	2534	2450	2450	2478	1.94	cps
Chromium	52-2	10984	11528	11555	11356	2.84	cps
Cobalt	59-2	9343	9333	10057	9578	4.33	cps
Copper	63-2	13974	13977	14374	14108	1.63	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	10	3	17	10	66.70	cps
Erbium	164-1	117	150	167	144	17.63	cps
Erbium	164-2	50	63	47	53	16.53	cps
Gadolinium	160-1	200	217	158	192	15.68	cps
Gadolinium	160-2	33	67	33	44	43.31	cps
Holmium	165-1	22115533	21518817	21805056	21813135	1.37	cps
Holmium	165-2	8866704	8960725	8405967	8744466	3.40	cps
Indium	115-1	19483523	18271302	17839670	18531498	4.60	cps
Indium	115-2	2561904	2517569	2396350	2491941	3.44	cps
Iron	54-2	49976	49246	48783	49335	1.22	cps
Iron	56-2	888400	877986	900515	888967	1.27	cps
Iron	57-2	22034	21455	22156	21882	1.71	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139154BS	Instrumnet Name :	P8
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:30:01	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	640	583	570	598	6.22	cps
Lead	206-1	13012	12851	13418	13094	2.23	cps
Lead	207-1	10710	11339	11411	11153	3.45	cps
Lead	208-1	51414	51680	52782	51958	1.40	cps
Lithium	6-1	11540362	10968108	10926241	11144904	3.08	cps
Magnesium	24-2	222340	218201	222110	220884	1.05	cps
Manganese	55-2	2707	2564	2630	2634	2.72	cps
Molybdenum	94-1	35780	36248	35847	35958	0.70	cps
Molybdenum	95-1	43662	46161	45551	45124	2.89	cps
Molybdenum	96-1	48836	47841	48786	48488	1.16	cps
Molybdenum	97-1	26593	27136	27344	27024	1.44	cps
Molybdenum	98-1	70346	68428	68235	69003	1.69	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2680	2490	2850	2674	6.74	cps
Phosphorus	31-2	100	92	125	106	16.43	cps
Potassium	39-2	152525	149074	152081	151227	1.24	cps
Rhodium	103-1	18548464	17573363	17610042	17910623	3.09	cps
Rhodium	103-2	7841659	7771683	7349060	7654134	3.48	cps
Scandium	45-1	15046108	14247379	14243940	14512476	3.18	cps
Scandium	45-2	442467	441700	417810	433992	3.23	cps
Selenium	82-1	1626	1667	1786	1693	4.91	cps
Selenium	77-2	50	37	37	41	18.72	cps
Selenium	78-2	166	178	165	170	4.26	cps
Silicon	28-1	479888	487729	483367	483662	0.81	cps
Silver	107-1	20399	21976	21325	21234	3.73	cps
Silver	109-1	20391	21626	20758	20925	3.03	cps
Sodium	23-2	446482	445694	455079	449085	1.16	cps
Strontium	86-1	7360	8019	7277	7552	5.38	cps
Strontium	88-1	57302	54440	54030	55257	3.23	cps
Sulfur	34-1	542287	540449	537314	540017	0.47	cps
Terbium	159-1	23027997	21539539	22587740	22385092	3.42	cps
Terbium	159-2	8569963	8585474	8145885	8433774	2.96	cps
Thallium	203-1	15401	14759	16069	15409	4.25	cps
Thallium	205-1	36544	37514	36912	36990	1.32	cps
Tin	118-1	70281	68631	67777	68897	1.85	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139154BS	Instrumnet Name :	P8
Client Sample ID :	LCS154	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:30:01	DataFile Name :	027LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	15050	15317	14199	14855	3.93	cps
Uranium	238-1	44980	45984	44821	45262	1.39	cps
Vanadium	51-2	21122	20198	21016	20779	2.43	cps
Ytterbium	172-1	75	25	75	58	49.49	cps
Ytterbium	172-2	6	11	28	15	78.05	cps
Ytterbium	176-1	2792	2109	2792	2564	15.39	cps
Ytterbium	176-2	1578	1689	1622	1630	3.43	cps
Yttrium	89-1	33249535	30937726	30610725	31599329	4.55	cps
Yttrium	89-2	3041374	3043688	2926797	3003953	2.22	cps
Zinc	66-2	4577	4601	4768	4649	2.23	cps
Zirconium	90-1	33065	32021	31227	32104	2.87	cps
Zirconium	91-1	7019	6485	6385	6630	5.14	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : PB139155BL Instrumnet Name : P8
 Client Sample ID : PBW155 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 10:33:01 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	102	97	97	5.13	cps
Antimony	121-1	75	58	117	83	36.06	cps
Arsenic	75-2	2	4	2	3	43.30	cps
Barium	135-1	92	150	108	117	25.76	cps
Barium	137-1	200	125	125	150	28.87	cps
Beryllium	9-1	42	54	62	53	19.12	cps
Bismuth	209-1	13263051	13295378	13872764	13477064	2.55	cps
Bismuth	209-2	6179067	5737295	6365812	6094058	5.30	cps
Boron	10-1	2902	2748	2568	2739	6.10	cps
Boron	11-1	13618	12543	11818	12660	7.15	cps
Bromine	81-1	6919	6709	7229	6952	3.77	cps
Cadmium	111-1	1828	1970	2014	1937	5.01	cps
Cadmium	106-1	9137	9712	10129	9659	5.16	cps
Cadmium	108-1	17	38	29	28	37.74	cps
Calcium	43-1	311	326	356	331	6.92	cps
Calcium	44-1	19941	20054	20125	20040	0.46	cps
Carbon	12-1	4582609	4567267	4519519	4556465	0.72	cps
Carbon	12-2	47001	47185	48456	47547	1.67	cps
Chlorine	35-1	338364	341050	332096	337170	1.36	cps
Chlorine	35-2	2125	2217	2175	2172	2.11	cps
Chromium	52-2	683	640	760	694	8.75	cps
Cobalt	59-2	50	90	77	72	28.20	cps
Copper	63-2	653	680	633	656	3.57	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	92	100	117	103	12.39	cps
Erbium	164-2	27	53	33	38	36.73	cps
Gadolinium	160-1	142	108	200	150	30.93	cps
Gadolinium	160-2	53	63	53	57	10.19	cps
Holmium	165-1	21732416	20938957	21632969	21434780	2.02	cps
Holmium	165-2	8796162	8176919	8937654	8636912	4.68	cps
Indium	115-1	18591326	18494294	18852083	18645901	0.99	cps
Indium	115-2	2440717	2339530	2498877	2426374	3.32	cps
Iron	54-2	333	339	283	319	9.61	cps
Iron	56-2	1939	1995	1972	1969	1.42	cps
Iron	57-2	72	89	89	83	11.55	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139155BL	Instrumnet Name :	P8
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:33:01	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	603	590	606	2.77	cps
Lead	206-1	811	917	856	861	6.15	cps
Lead	207-1	672	817	717	735	10.06	cps
Lead	208-1	3228	3678	3445	3450	6.52	cps
Lithium	6-1	10993157	10889853	11091705	10991571	0.92	cps
Magnesium	24-2	325	150	258	244	36.13	cps
Manganese	55-2	67	63	53	61	11.36	cps
Molybdenum	94-1	500	517	592	536	9.11	cps
Molybdenum	95-1	58	42	42	47	20.38	cps
Molybdenum	96-1	125	200	158	161	23.33	cps
Molybdenum	97-1	17	50	17	28	69.27	cps
Molybdenum	98-1	75	33	50	53	39.74	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	47	23	40	37	32.79	cps
Phosphorus	31-2	117	67	125	103	30.69	cps
Potassium	39-2	12956	13265	12556	12926	2.75	cps
Rhodium	103-1	17730280	17642835	18586392	17986502	2.90	cps
Rhodium	103-2	7702774	7064692	7596217	7454561	4.59	cps
Scandium	45-1	14076857	14030262	14634905	14247341	2.36	cps
Scandium	45-2	437624	414353	437728	429901	3.13	cps
Selenium	82-1	-108	-51	-3	-54	-97.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	18	26	34	26	30.77	cps
Silicon	28-1	308118	302755	309747	306874	1.19	cps
Silver	107-1	283	275	433	331	26.96	cps
Silver	109-1	183	250	150	194	26.19	cps
Sodium	23-2	18762	20014	19822	19533	3.45	cps
Strontium	86-1	983	933	1067	995	6.77	cps
Strontium	88-1	500	358	517	458	18.98	cps
Sulfur	34-1	550915	540290	540189	543798	1.13	cps
Terbium	159-1	22146379	22427576	22926110	22500022	1.76	cps
Terbium	159-2	8579854	7893836	8594361	8356017	4.79	cps
Thallium	203-1	358	350	458	389	15.50	cps
Thallium	205-1	950	1017	942	970	4.24	cps
Tin	118-1	4887	792	683	2121	113.00	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139155BL	Instrumnet Name :	P8
Client Sample ID :	PBW155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:33:01	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	217	225	158	200	18.16	cps
Uranium	238-1	25	25	0	17	86.60	cps
Vanadium	51-2	13	17	3	11	62.48	cps
Ytterbium	172-1	50	50	83	61	31.50	cps
Ytterbium	172-2	33	22	28	28	20.00	cps
Ytterbium	176-1	2459	2425	2800	2561	8.11	cps
Ytterbium	176-2	1550	1561	1783	1632	8.07	cps
Yttrium	89-1	30933845	30952068	32592985	31492966	3.03	cps
Yttrium	89-2	3076248	2789914	3070905	2979022	5.50	cps
Zinc	66-2	173	127	207	169	23.79	cps
Zirconium	90-1	1683	1633	1675	1664	1.61	cps
Zirconium	91-1	292	283	275	283	2.94	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : PB139155BS Instrumnet Name : P8
 Client Sample ID : LCS155 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 10:36:04 DataFile Name : 029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3292	3335	3149	3259	3.00	cps
Antimony	121-1	31729	31153	31144	31342	1.07	cps
Arsenic	75-2	473	469	513	485	5.02	cps
Barium	135-1	39007	40043	39500	39517	1.31	cps
Barium	137-1	67018	68969	69069	68352	1.69	cps
Beryllium	9-1	6688	6634	6754	6692	0.90	cps
Bismuth	209-1	13214795	13275931	13061136	13183954	0.84	cps
Bismuth	209-2	6524311	5730534	6429973	6228273	6.96	cps
Boron	10-1	17571	19173	19487	18744	5.48	cps
Boron	11-1	81239	87638	90795	86557	5.62	cps
Bromine	81-1	6769	7169	6819	6919	3.16	cps
Cadmium	111-1	6511	7015	6445	6657	4.68	cps
Cadmium	106-1	10054	9670	9445	9723	3.17	cps
Cadmium	108-1	471	321	463	418	20.17	cps
Calcium	43-1	32062	32380	32068	32170	0.57	cps
Calcium	44-1	531458	533441	538813	534570	0.71	cps
Carbon	12-1	5289640	5347629	5360758	5332676	0.71	cps
Carbon	12-2	57422	59053	56610	57695	2.16	cps
Chlorine	35-1	340565	342021	341136	341241	0.22	cps
Chlorine	35-2	2300	2292	2192	2261	2.67	cps
Chromium	52-2	10784	11588	11368	11247	3.69	cps
Cobalt	59-2	9570	9683	9707	9653	0.76	cps
Copper	63-2	14494	14551	13854	14300	2.71	cps
Dysprosium	156-1	17	8	33	19	65.47	cps
Dysprosium	156-2	0	20	10	10	100.00	cps
Erbium	164-1	67	150	83	100	44.10	cps
Erbium	164-2	67	27	63	52	42.50	cps
Gadolinium	160-1	167	158	142	156	8.18	cps
Gadolinium	160-2	57	50	47	51	9.96	cps
Holmium	165-1	21484160	21249164	20693596	21142307	1.92	cps
Holmium	165-2	9267372	8180743	9232424	8893513	6.94	cps
Indium	115-1	18412796	18624509	17817120	18284808	2.29	cps
Indium	115-2	2614283	2296289	2643629	2518067	7.65	cps
Iron	54-2	49212	50483	47635	49110	2.91	cps
Iron	56-2	889662	902681	868322	886888	1.96	cps
Iron	57-2	22368	22741	22218	22442	1.20	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139155BS	Instrumnet Name :	P8
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:36:04	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	520	560	503	528	5.52	cps
Lead	206-1	12612	13941	13135	13229	5.06	cps
Lead	207-1	11022	11778	11550	11450	3.39	cps
Lead	208-1	51191	53699	52865	52585	2.43	cps
Lithium	6-1	11111171	11044361	10634127	10929886	2.36	cps
Magnesium	24-2	222459	227053	220966	223492	1.42	cps
Manganese	55-2	2607	2557	2774	2646	4.29	cps
Molybdenum	94-1	37610	36331	37184	37042	1.76	cps
Molybdenum	95-1	43987	44915	44497	44466	1.05	cps
Molybdenum	96-1	49104	48092	49272	48822	1.31	cps
Molybdenum	97-1	26860	27745	26743	27116	2.02	cps
Molybdenum	98-1	71518	72239	71092	71616	0.81	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2707	2837	2607	2717	4.25	cps
Phosphorus	31-2	117	92	50	86	39.11	cps
Potassium	39-2	150321	154236	151170	151909	1.36	cps
Rhodium	103-1	17700310	17684614	17085410	17490112	2.00	cps
Rhodium	103-2	8174738	7126880	8175403	7825673	7.73	cps
Scandium	45-1	14173991	14417662	13728768	14106807	2.48	cps
Scandium	45-2	454792	401926	454684	437134	6.98	cps
Selenium	82-1	1740	1726	1800	1755	2.22	cps
Selenium	77-2	60	43	60	54	17.68	cps
Selenium	78-2	177	185	183	182	2.29	cps
Silicon	28-1	474266	484439	481210	479972	1.08	cps
Silver	107-1	20649	21943	21743	21445	3.25	cps
Silver	109-1	20240	20307	21042	20530	2.17	cps
Sodium	23-2	446083	453144	446174	448467	0.90	cps
Strontium	86-1	7294	7294	7285	7291	0.07	cps
Strontium	88-1	54056	54641	54089	54262	0.61	cps
Sulfur	34-1	542598	545129	537068	541598	0.76	cps
Terbium	159-1	22264094	21937221	21583493	21928269	1.55	cps
Terbium	159-2	8889733	7878616	8871940	8546763	6.77	cps
Thallium	203-1	15510	15092	15643	15415	1.86	cps
Thallium	205-1	36243	37371	36653	36756	1.55	cps
Tin	118-1	68698	70264	70684	69882	1.50	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139155BS	Instrumnet Name :	P8
Client Sample ID :	LCS155	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:36:04	DataFile Name :	029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14641	14533	15125	14766	2.14	cps
Uranium	238-1	46327	47088	45825	46413	1.37	cps
Vanadium	51-2	20608	21433	20017	20686	3.44	cps
Ytterbium	172-1	33	25	50	36	35.25	cps
Ytterbium	172-2	44	22	11	26	65.48	cps
Ytterbium	176-1	2592	2267	2609	2489	7.74	cps
Ytterbium	176-2	1722	1567	1828	1706	7.70	cps
Yttrium	89-1	30958223	30937692	29394340	30430085	2.95	cps
Yttrium	89-2	3203160	2752726	3131647	3029178	7.99	cps
Zinc	66-2	4838	4961	4664	4821	3.09	cps
Zirconium	90-1	30952	31570	32104	31542	1.83	cps
Zirconium	91-1	6752	6735	6535	6674	1.81	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:57:13	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9339	10147	10103	9863	4.61	cps
Antimony	121-1	2375	2509	2600	2495	4.54	cps
Arsenic	75-2	366	344	342	351	3.80	cps
Barium	135-1	97670	102428	99113	99737	2.45	cps
Barium	137-1	171857	171783	168891	170844	0.99	cps
Beryllium	9-1	88	84	72	81	10.23	cps
Bismuth	209-1	13666666	13513964	13147132	13442587	1.99	cps
Bismuth	209-2	6344268	6106134	6130971	6193791	2.11	cps
Boron	10-1	29428	32043	32531	31334	5.33	cps
Boron	11-1	139017	147285	151268	145857	4.28	cps
Bromine	81-1	47459	54350	62724	54844	13.94	cps
Cadmium	111-1	1886	1783	1776	1815	3.40	cps
Cadmium	106-1	9362	8761	8853	8992	3.60	cps
Cadmium	108-1	58	46	58	54	13.32	cps
Calcium	43-1	792171	792781	788483	791145	0.29	cps
Calcium	44-1	12901469	12693643	12600032	12731715	1.21	cps
Carbon	12-1	8987093	9792720	10240585	9673466	6.57	cps
Carbon	12-2	115032	116461	118232	116575	1.38	cps
Chlorine	35-1	852370	956136	1043390	950632	10.06	cps
Chlorine	35-2	7419	8136	8428	7994	6.49	cps
Chromium	52-2	4364	4454	4831	4550	5.45	cps
Cobalt	59-2	1860	1790	1877	1842	2.50	cps
Copper	63-2	14037	13523	13650	13737	1.95	cps
Dysprosium	156-1	475	642	642	586	16.42	cps
Dysprosium	156-2	237	233	210	227	6.41	cps
Erbium	164-1	575	567	442	528	14.15	cps
Erbium	164-2	187	223	173	194	13.32	cps
Gadolinium	160-1	658	692	692	681	2.83	cps
Gadolinium	160-2	313	273	280	289	7.42	cps
Holmium	165-1	21545622	21801403	21791617	21712881	0.67	cps
Holmium	165-2	9168789	8634960	8726874	8843541	3.23	cps
Indium	115-1	18985825	17963318	18563446	18504197	2.78	cps
Indium	115-2	2559776	2455375	2398427	2471193	3.31	cps
Iron	54-2	73513	73802	73775	73696	0.22	cps
Iron	56-2	1311249	1317895	1326323	1318489	0.57	cps
Iron	57-2	33350	32643	33367	33120	1.25	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:57:13	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	547	583	473	534	10.48	cps
Lead	206-1	5540	5390	5140	5357	3.77	cps
Lead	207-1	4473	4534	4673	4560	2.25	cps
Lead	208-1	20918	21168	20740	20942	1.03	cps
Lithium	6-1	11586932	10614701	10722044	10974559	4.86	cps
Magnesium	24-2	1909885	1864600	1883816	1886101	1.21	cps
Manganese	55-2	320099	317517	317390	318336	0.48	cps
Molybdenum	94-1	4493	4301	4184	4326	3.60	cps
Molybdenum	95-1	6093	6493	6143	6243	3.49	cps
Molybdenum	96-1	6343	6585	6468	6466	1.87	cps
Molybdenum	97-1	3434	3642	3692	3589	3.82	cps
Molybdenum	98-1	9437	10037	9629	9701	3.16	cps
Neodymium	150-1	540	540	500	527	4.38	cps
Neodymium	150-2	147	157	157	153	3.77	cps
Nickel	60-2	2684	2817	2814	2771	2.74	cps
Phosphorus	31-2	1633	1400	1367	1467	9.91	cps
Potassium	39-2	437715	437971	443699	439795	0.77	cps
Rhodium	103-1	18257325	17276250	17584282	17705952	2.83	cps
Rhodium	103-2	7711981	7474678	7362607	7516422	2.37	cps
Scandium	45-1	14326928	14020719	14105446	14151031	1.12	cps
Scandium	45-2	438395	426914	431641	432316	1.33	cps
Selenium	82-1	37	18	96	50	80.53	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	30	26	36	31	16.41	cps
Silicon	28-1	28107564	28609900	28158742	28292069	0.98	cps
Silver	107-1	425	342	475	414	16.27	cps
Silver	109-1	367	358	400	375	5.88	cps
Sodium	23-2	14164396	14141227	14055460	14120361	0.41	cps
Strontium	86-1	403263	403825	393411	400167	1.46	cps
Strontium	88-1	3449335	3494202	3429564	3457700	0.96	cps
Sulfur	34-1	994284	977428	975179	982297	1.06	cps
Terbium	159-1	23108125	22194429	22478402	22593652	2.07	cps
Terbium	159-2	8577390	8631151	8457953	8555498	1.04	cps
Thallium	203-1	292	383	325	333	13.92	cps
Thallium	205-1	858	642	867	789	16.17	cps
Tin	118-1	1984	1817	1900	1900	4.39	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 10:57:13	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6902	26764	6885	13517	84.87	cps
Uranium	238-1	2792	3067	3025	2962	5.01	cps
Vanadium	51-2	2294	2370	2264	2309	2.38	cps
Ytterbium	172-1	225	183	233	214	12.52	cps
Ytterbium	172-2	111	83	111	102	15.74	cps
Ytterbium	176-1	2834	2759	2759	2784	1.56	cps
Ytterbium	176-2	2617	2589	2406	2537	4.52	cps
Yttrium	89-1	31467023	30796856	31048200	31104026	1.09	cps
Yttrium	89-2	3058936	2973990	2953631	2995519	1.86	cps
Zinc	66-2	3624	3707	3691	3674	1.20	cps
Zirconium	90-1	3050	2867	2817	2912	4.22	cps
Zirconium	91-1	492	533	633	553	13.17	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:00:09	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9449	9242	9280	9323	1.18	cps
Antimony	121-1	2200	2650	2292	2381	9.99	cps
Arsenic	75-2	339	390	338	356	8.36	cps
Barium	135-1	97475	98928	99071	98491	0.90	cps
Barium	137-1	170296	170872	174272	171813	1.25	cps
Beryllium	9-1	98	94	50	81	33.02	cps
Bismuth	209-1	13729444	13279703	13330030	13446392	1.83	cps
Bismuth	209-2	6470992	6371371	6099097	6313820	3.05	cps
Boron	10-1	31644	33319	35061	33341	5.12	cps
Boron	11-1	147202	154477	161841	154507	4.74	cps
Bromine	81-1	55999	65268	69019	63429	10.57	cps
Cadmium	111-1	1939	1843	1730	1837	5.70	cps
Cadmium	106-1	9620	9028	8511	9053	6.13	cps
Cadmium	108-1	50	54	50	51	4.68	cps
Calcium	43-1	779369	793263	786155	786262	0.88	cps
Calcium	44-1	12671108	12729125	12538462	12646231	0.77	cps
Carbon	12-1	9772490	10619203	11067947	10486547	6.27	cps
Carbon	12-2	121567	125972	123390	123643	1.79	cps
Chlorine	35-1	1195222	1290243	1384078	1289848	7.32	cps
Chlorine	35-2	10437	10821	10654	10638	1.81	cps
Chromium	52-2	3631	3454	3737	3607	3.97	cps
Cobalt	59-2	1720	1880	2164	1921	11.69	cps
Copper	63-2	13613	13543	14569	13908	4.12	cps
Dysprosium	156-1	525	408	492	475	12.65	cps
Dysprosium	156-2	217	237	207	220	6.94	cps
Erbium	164-1	483	617	542	547	12.21	cps
Erbium	164-2	250	170	170	197	23.49	cps
Gadolinium	160-1	600	800	783	728	15.25	cps
Gadolinium	160-2	347	327	363	346	5.31	cps
Holmium	165-1	23232510	21869883	21336546	22146313	4.41	cps
Holmium	165-2	9376465	9049814	8838369	9088216	2.98	cps
Indium	115-1	20335163	18418226	18111696	18955028	6.36	cps
Indium	115-2	2562310	2513765	2412197	2496091	3.07	cps
Iron	54-2	70306	72759	73934	72333	2.56	cps
Iron	56-2	1273475	1287638	1338328	1299814	2.62	cps
Iron	57-2	32849	33919	33268	33345	1.62	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:00:09	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	543	533	546	2.47	cps
Lead	206-1	4851	5418	4990	5086	5.81	cps
Lead	207-1	4206	4362	3956	4175	4.90	cps
Lead	208-1	19362	20162	19234	19586	2.57	cps
Lithium	6-1	11758477	10976359	10616193	11117010	5.25	cps
Magnesium	24-2	1870173	1905015	1898941	1891376	0.98	cps
Manganese	55-2	320329	316291	316791	317804	0.69	cps
Molybdenum	94-1	4484	4317	8463	5755	40.78	cps
Molybdenum	95-1	6135	6168	6268	6190	1.12	cps
Molybdenum	96-1	6393	6568	6493	6485	1.36	cps
Molybdenum	97-1	3717	3542	3492	3584	3.30	cps
Molybdenum	98-1	9145	9612	9654	9470	2.98	cps
Neodymium	150-1	473	453	600	509	15.63	cps
Neodymium	150-2	160	133	113	136	17.27	cps
Nickel	60-2	2554	2357	2544	2485	4.46	cps
Phosphorus	31-2	1392	1358	1342	1364	1.87	cps
Potassium	39-2	433393	437307	442695	437798	1.07	cps
Rhodium	103-1	17994290	17318149	17211074	17507838	2.43	cps
Rhodium	103-2	7916991	7780067	7410425	7702494	3.40	cps
Scandium	45-1	14684729	14074401	13681752	14146961	3.57	cps
Scandium	45-2	449417	443816	432646	441960	1.93	cps
Selenium	82-1	45	49	57	51	12.06	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	31	29	31	30	3.81	cps
Silicon	28-1	27723741	27373802	28729473	27942338	2.52	cps
Silver	107-1	283	208	375	289	28.89	cps
Silver	109-1	208	200	183	197	6.45	cps
Sodium	23-2	13934993	14253849	13967505	14052115	1.25	cps
Strontium	86-1	395774	397590	401799	398388	0.78	cps
Strontium	88-1	3425274	3468531	3420410	3438071	0.77	cps
Sulfur	34-1	962306	948341	964529	958392	0.92	cps
Terbium	159-1	23300184	22043894	21794736	22379604	3.61	cps
Terbium	159-2	9012363	8664509	8687539	8788137	2.21	cps
Thallium	203-1	367	383	325	358	8.39	cps
Thallium	205-1	658	742	825	742	11.24	cps
Tin	118-1	2092	1717	1875	1895	9.94	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:00:09	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6510	6177	6210	6299	2.92	cps
Uranium	238-1	2692	2517	2717	2642	4.13	cps
Vanadium	51-2	2224	2307	2527	2352	6.66	cps
Ytterbium	172-1	175	258	275	236	22.69	cps
Ytterbium	172-2	144	111	122	126	13.48	cps
Ytterbium	176-1	2925	2692	2584	2734	6.39	cps
Ytterbium	176-2	2028	2234	1972	2078	6.62	cps
Yttrium	89-1	32112783	30744258	30004307	30953783	3.46	cps
Yttrium	89-2	3085637	3066626	2967231	3039831	2.09	cps
Zinc	66-2	3941	4097	4004	4014	1.96	cps
Zirconium	90-1	2800	2809	2909	2839	2.13	cps
Zirconium	91-1	1545	667	700	971	51.27	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 11:03:08	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1850	1910	1847	1869	1.89	cps
Antimony	121-1	658	467	433	519	23.38	cps
Arsenic	75-2	47	70	84	67	27.88	cps
Barium	135-1	18655	19473	18672	18933	2.47	cps
Barium	137-1	32982	33500	32648	33044	1.30	cps
Beryllium	9-1	32	50	50	44	23.62	cps
Bismuth	209-1	13634672	13910408	13510701	13685260	1.50	cps
Bismuth	209-2	6380162	6164086	6212753	6252334	1.81	cps
Boron	10-1	9695	9559	9721	9659	0.90	cps
Boron	11-1	45375	45959	45561	45632	0.65	cps
Bromine	81-1	25239	25840	26081	25720	1.69	cps
Cadmium	111-1	1959	1817	1859	1878	3.86	cps
Cadmium	106-1	9829	9045	9337	9404	4.21	cps
Cadmium	108-1	46	42	71	53	29.89	cps
Calcium	43-1	152519	151699	150965	151728	0.51	cps
Calcium	44-1	2472569	2477731	2473528	2474609	0.11	cps
Carbon	12-1	6443715	6270593	6509456	6407922	1.93	cps
Carbon	12-2	68829	66961	67950	67913	1.38	cps
Chlorine	35-1	892501	887183	861932	880539	1.85	cps
Chlorine	35-2	5610	5768	5718	5698	1.42	cps
Chromium	52-2	1230	1223	1260	1238	1.58	cps
Cobalt	59-2	353	360	420	378	9.72	cps
Copper	63-2	3327	3220	3060	3203	4.19	cps
Dysprosium	156-1	125	158	117	133	16.54	cps
Dysprosium	156-2	30	33	33	32	5.97	cps
Erbium	164-1	250	217	225	231	7.52	cps
Erbium	164-2	87	107	57	83	30.20	cps
Gadolinium	160-1	308	283	217	269	17.59	cps
Gadolinium	160-2	93	87	97	92	5.52	cps
Holmium	165-1	22542460	21444114	21568323	21851632	2.75	cps
Holmium	165-2	8907416	8476603	8780405	8721475	2.54	cps
Indium	115-1	19415067	18596229	18423620	18811639	2.82	cps
Indium	115-2	2474056	2368917	2473821	2438931	2.49	cps
Iron	54-2	14135	13901	14052	14029	0.84	cps
Iron	56-2	260757	255842	250081	255560	2.09	cps
Iron	57-2	6502	6374	6607	6494	1.80	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 11:03:08	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	520	443	527	497	9.32	cps
Lead	206-1	1745	1800	1683	1743	3.35	cps
Lead	207-1	1450	1578	1461	1496	4.73	cps
Lead	208-1	6445	6951	6695	6697	3.78	cps
Lithium	6-1	10976193	11355682	10821185	11051020	2.49	cps
Magnesium	24-2	363805	355499	359411	359572	1.16	cps
Manganese	55-2	61247	61489	60371	61036	0.96	cps
Molybdenum	94-1	1208	1308	992	1170	13.84	cps
Molybdenum	95-1	1125	1175	1083	1128	4.07	cps
Molybdenum	96-1	1292	1325	1175	1264	6.23	cps
Molybdenum	97-1	758	692	667	706	6.72	cps
Molybdenum	98-1	1834	1750	1742	1775	2.86	cps
Neodymium	150-1	60	107	80	82	28.48	cps
Neodymium	150-2	40	27	30	32	21.53	cps
Nickel	60-2	463	497	563	508	10.03	cps
Phosphorus	31-2	358	258	408	342	22.35	cps
Potassium	39-2	92932	94375	93687	93665	0.77	cps
Rhodium	103-1	17993109	17480476	17554843	17676143	1.57	cps
Rhodium	103-2	7661643	7441247	7564397	7555762	1.46	cps
Scandium	45-1	14491246	14097096	14044746	14211029	1.72	cps
Scandium	45-2	434623	420156	423500	426093	1.78	cps
Selenium	82-1	13	133	67	71	84.56	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	28	22	24	25	12.39	cps
Silicon	28-1	5648395	5757991	5594371	5666919	1.47	cps
Silver	107-1	242	333	192	256	28.12	cps
Silver	109-1	142	50	133	108	46.79	cps
Sodium	23-2	2762011	2693302	2625948	2693754	2.53	cps
Strontium	86-1	78018	79828	78755	78867	1.15	cps
Strontium	88-1	669527	686811	666069	674136	1.65	cps
Sulfur	34-1	638971	637983	633267	636740	0.48	cps
Terbium	159-1	22291981	22170295	22013703	22158660	0.63	cps
Terbium	159-2	8443902	8293917	8418099	8385306	0.96	cps
Thallium	203-1	292	367	283	314	14.62	cps
Thallium	205-1	700	617	592	636	8.92	cps
Tin	118-1	1550	1658	1525	1578	4.49	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 11:03:08	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1325	1650	1267	1414	14.62	cps
Uranium	238-1	517	633	417	522	20.77	cps
Vanadium	51-2	503	373	407	428	15.79	cps
Ytterbium	172-1	92	83	125	100	22.04	cps
Ytterbium	172-2	50	83	44	59	35.49	cps
Ytterbium	176-1	2550	2567	2442	2520	2.69	cps
Ytterbium	176-2	1678	1822	1711	1737	4.35	cps
Yttrium	89-1	31513502	31583502	30605282	31234095	1.75	cps
Yttrium	89-2	2975671	2879105	2955296	2936691	1.73	cps
Zinc	66-2	840	957	857	884	7.13	cps
Zirconium	90-1	1683	1975	1867	1842	8.01	cps
Zirconium	91-1	408	417	367	397	6.74	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:06:06	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2794	2841	2736	2790	1.88	cps
Antimony	121-1	3584	3976	3609	3723	5.89	cps
Arsenic	75-2	342	341	324	336	3.01	cps
Barium	135-1	92560	91845	91333	91913	0.67	cps
Barium	137-1	159703	161002	161736	160814	0.64	cps
Beryllium	9-1	78	44	92	71	34.61	cps
Bismuth	209-1	13474543	14073761	13422241	13656849	2.65	cps
Bismuth	209-2	6177391	6025022	6194284	6132232	1.52	cps
Boron	10-1	31301	34013	34748	33354	5.44	cps
Boron	11-1	149425	156566	161756	155916	3.97	cps
Bromine	81-1	49839	58200	63809	57283	12.27	cps
Cadmium	111-1	1957	2077	1847	1960	5.87	cps
Cadmium	106-1	9420	10037	8553	9337	7.99	cps
Cadmium	108-1	50	79	38	56	38.49	cps
Calcium	43-1	794083	795370	791565	793673	0.24	cps
Calcium	44-1	12916065	12828814	12782925	12842601	0.53	cps
Carbon	12-1	9572891	10409566	10959908	10314122	6.77	cps
Carbon	12-2	123223	125879	127256	125453	1.63	cps
Chlorine	35-1	1234019	1336272	1392092	1320795	6.07	cps
Chlorine	35-2	10412	10813	11238	10821	3.82	cps
Chromium	52-2	4074	4101	4221	4132	1.89	cps
Cobalt	59-2	4254	4251	4301	4268	0.66	cps
Copper	63-2	131291	130716	129751	130586	0.60	cps
Dysprosium	156-1	492	492	450	478	5.04	cps
Dysprosium	156-2	193	170	167	177	8.23	cps
Erbium	164-1	567	450	550	522	12.08	cps
Erbium	164-2	163	197	153	171	13.26	cps
Gadolinium	160-1	675	575	625	625	8.00	cps
Gadolinium	160-2	250	193	237	227	13.07	cps
Holmium	165-1	22094913	22097102	21796320	21996112	0.79	cps
Holmium	165-2	8683281	8724455	9059714	8822483	2.34	cps
Indium	115-1	18502552	18971953	18372622	18615709	1.69	cps
Indium	115-2	2376874	2409147	2434318	2406780	1.20	cps
Iron	54-2	35539	33534	34063	34379	3.02	cps
Iron	56-2	619149	621186	614318	618218	0.57	cps
Iron	57-2	15920	15214	16087	15740	2.94	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:06:06	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	557	520	573	550	4.96	cps
Lead	206-1	18430	18864	18914	18736	1.42	cps
Lead	207-1	15343	15187	15393	15307	0.70	cps
Lead	208-1	72615	73133	72987	72911	0.37	cps
Lithium	6-1	11265021	10888006	10938448	11030492	1.86	cps
Magnesium	24-2	1924947	1872746	1889728	1895807	1.40	cps
Manganese	55-2	310369	307534	306237	308047	0.69	cps
Molybdenum	94-1	4176	4576	4367	4373	4.58	cps
Molybdenum	95-1	5751	5718	5460	5643	2.83	cps
Molybdenum	96-1	6810	6535	6543	6630	2.36	cps
Molybdenum	97-1	3409	3776	3451	3545	5.66	cps
Molybdenum	98-1	9537	8995	8720	9084	4.58	cps
Neodymium	150-1	447	347	327	373	17.22	cps
Neodymium	150-2	73	103	117	98	22.70	cps
Nickel	60-2	3407	3240	3367	3338	2.61	cps
Phosphorus	31-2	1233	992	933	1053	15.11	cps
Potassium	39-2	449025	451089	448587	449567	0.30	cps
Rhodium	103-1	17661218	17616015	17047396	17441543	1.96	cps
Rhodium	103-2	7398768	7506796	7422047	7442537	0.76	cps
Scandium	45-1	14243239	14313875	13852709	14136607	1.76	cps
Scandium	45-2	420698	429480	434047	428075	1.58	cps
Selenium	82-1	48	84	35	56	45.94	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	25	30	34	30	15.20	cps
Silicon	28-1	27007785	26883279	27198288	27029784	0.59	cps
Silver	107-1	267	308	125	233	41.19	cps
Silver	109-1	183	167	183	178	5.41	cps
Sodium	23-2	14247227	14242282	14113173	14200894	0.54	cps
Strontium	86-1	406466	406455	402026	404982	0.63	cps
Strontium	88-1	3495615	3406440	3357497	3419851	2.05	cps
Sulfur	34-1	967473	969770	950883	962709	1.07	cps
Terbium	159-1	22099161	23347219	22004927	22483769	3.33	cps
Terbium	159-2	8460545	8608285	8515929	8528253	0.88	cps
Thallium	203-1	267	350	267	294	16.34	cps
Thallium	205-1	650	700	758	703	7.72	cps
Tin	118-1	3267	3492	3309	3356	3.57	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-02	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:06:06	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2142	2384	2325	2284	5.52	cps
Uranium	238-1	1642	1784	2092	1839	12.51	cps
Vanadium	51-2	2150	2110	1957	2072	4.93	cps
Ytterbium	172-1	292	258	250	267	8.27	cps
Ytterbium	172-2	111	117	83	104	17.22	cps
Ytterbium	176-1	2759	2917	2800	2825	2.91	cps
Ytterbium	176-2	1678	1700	1911	1763	7.31	cps
Yttrium	89-1	31564143	31385826	30210503	31053491	2.37	cps
Yttrium	89-2	2932806	2958592	2950235	2947211	0.45	cps
Zinc	66-2	26849	26218	26849	26638	1.37	cps
Zirconium	90-1	2875	2825	2975	2892	2.64	cps
Zirconium	91-1	575	733	567	625	15.03	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:09:10	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25687	24716	24360	24921	2.76	cps
Antimony	121-1	3567	3209	3426	3401	5.31	cps
Arsenic	75-2	1000	1098	1095	1064	5.24	cps
Barium	135-1	153190	152574	153187	152984	0.23	cps
Barium	137-1	266683	269066	266966	267572	0.49	cps
Beryllium	9-1	116	102	112	110	6.56	cps
Bismuth	209-1	13072198	12981863	14146741	13400267	4.84	cps
Bismuth	209-2	5896662	5879060	5812395	5862705	0.76	cps
Boron	10-1	52369	56483	57326	55392	4.79	cps
Boron	11-1	251195	266169	273025	263463	4.24	cps
Bromine	81-1	63267	73768	78681	71905	10.95	cps
Cadmium	111-1	1960	1958	1917	1945	1.26	cps
Cadmium	106-1	9387	9412	9212	9337	1.17	cps
Cadmium	108-1	54	58	54	56	4.32	cps
Calcium	43-1	1037184	1052928	1043749	1044620	0.76	cps
Calcium	44-1	16615576	16955356	16910525	16827152	1.10	cps
Carbon	12-1	11611358	12310677	12836510	12252848	5.02	cps
Carbon	12-2	138801	142900	142880	141527	1.67	cps
Chlorine	35-1	1636497	1780448	1874046	1763663	6.78	cps
Chlorine	35-2	13974	14666	14708	14449	2.85	cps
Chromium	52-2	34064	33199	34348	33870	1.77	cps
Cobalt	59-2	4527	4401	4624	4517	2.48	cps
Copper	63-2	29177	29715	29310	29401	0.95	cps
Dysprosium	156-1	675	850	608	711	17.55	cps
Dysprosium	156-2	240	217	227	228	5.14	cps
Erbium	164-1	750	842	725	772	7.95	cps
Erbium	164-2	270	243	270	261	5.90	cps
Gadolinium	160-1	842	675	775	764	10.98	cps
Gadolinium	160-2	380	317	330	342	9.76	cps
Holmium	165-1	21567725	21138249	22393182	21699719	2.94	cps
Holmium	165-2	8610781	8173262	8206714	8330252	2.92	cps
Indium	115-1	17748972	17877226	19321074	18315757	4.77	cps
Indium	115-2	2357626	2301441	2266876	2308648	1.98	cps
Iron	54-2	274264	282591	278945	278600	1.50	cps
Iron	56-2	5047653	4946572	5025284	5006503	1.06	cps
Iron	57-2	123878	127096	127258	126077	1.51	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:09:10	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	483	567	493	514	8.84	cps
Lead	206-1	16733	17473	16355	16854	3.37	cps
Lead	207-1	13796	13429	14191	13806	2.76	cps
Lead	208-1	63472	70061	64346	65960	5.43	cps
Lithium	6-1	10774697	10616182	11438642	10943174	3.99	cps
Magnesium	24-2	2487133	2464817	2391718	2447890	2.04	cps
Manganese	55-2	899728	893203	895038	895990	0.38	cps
Molybdenum	94-1	6026	6960	6327	6438	7.41	cps
Molybdenum	95-1	8303	9011	8369	8561	4.57	cps
Molybdenum	96-1	8711	9445	9195	9117	4.09	cps
Molybdenum	97-1	5051	5510	5385	5315	4.46	cps
Molybdenum	98-1	13640	13257	13932	13610	2.49	cps
Neodymium	150-1	733	893	747	791	11.22	cps
Neodymium	150-2	260	173	223	219	19.87	cps
Nickel	60-2	12305	12102	12382	12263	1.18	cps
Phosphorus	31-2	1183	1092	1125	1133	4.09	cps
Potassium	39-2	441169	435745	436216	437710	0.69	cps
Rhodium	103-1	17123116	16824344	18354183	17433881	4.65	cps
Rhodium	103-2	7197958	7122871	7003607	7108146	1.38	cps
Scandium	45-1	13962067	13608336	14554528	14041644	3.40	cps
Scandium	45-2	409284	404670	404016	405990	0.71	cps
Selenium	82-1	101	7	98	69	77.38	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	38	36	27	34	17.40	cps
Silicon	28-1	39484470	39366336	39489885	39446897	0.18	cps
Silver	107-1	892	1175	1000	1022	13.99	cps
Silver	109-1	625	858	1058	847	25.60	cps
Sodium	23-2	18310599	18662822	18186352	18386591	1.34	cps
Strontium	86-1	497443	508022	502999	502822	1.05	cps
Strontium	88-1	4185581	4421519	4344324	4317141	2.79	cps
Sulfur	34-1	1202178	1210870	1209158	1207402	0.38	cps
Terbium	159-1	22220214	21924546	23473004	22539254	3.65	cps
Terbium	159-2	8312275	8227729	7747190	8095732	3.76	cps
Thallium	203-1	258	325	258	281	13.72	cps
Thallium	205-1	717	717	767	733	3.94	cps
Tin	118-1	3501	3442	3451	3464	0.91	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:09:10	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	21932	18221	19185	19779	9.74	cps
Uranium	238-1	3142	3367	3284	3264	3.49	cps
Vanadium	51-2	3974	4331	4227	4177	4.39	cps
Ytterbium	172-1	283	333	342	319	9.88	cps
Ytterbium	172-2	150	117	139	135	12.55	cps
Ytterbium	176-1	2875	2392	2950	2739	11.06	cps
Ytterbium	176-2	1656	1689	1722	1689	1.97	cps
Yttrium	89-1	30175964	30100457	32024660	30767027	3.54	cps
Yttrium	89-2	2857082	2858630	2783905	2833206	1.51	cps
Zinc	66-2	8279	8569	8433	8427	1.72	cps
Zirconium	90-1	4819	4659	4292	4590	5.88	cps
Zirconium	91-1	1033	883	858	925	10.23	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:13:04	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3543368	3468296	3374100	3461921	2.45	cps
Antimony	121-1	3716030	3620614	3613632	3650092	1.57	cps
Arsenic	75-2	110756	108152	109058	109322	1.21	cps
Barium	135-1	4649002	4632424	4594748	4625391	0.60	cps
Barium	137-1	8062139	8044558	7850800	7985832	1.47	cps
Beryllium	9-1	1560576	1518784	1511723	1530361	1.73	cps
Bismuth	209-1	12416281	12269383	12492759	12392808	0.92	cps
Bismuth	209-2	5443852	5307153	5588730	5446578	2.59	cps
Boron	10-1	169632	174647	179132	174470	2.72	cps
Boron	11-1	776139	823774	846036	815316	4.38	cps
Bromine	81-1	13691	13691	12308	13230	6.03	cps
Cadmium	111-1	998158	1002667	992341	997722	0.52	cps
Cadmium	106-1	126083	127691	127421	127065	0.68	cps
Cadmium	108-1	81087	81602	81149	81280	0.35	cps
Calcium	43-1	7468735	7589728	7746168	7601544	1.83	cps
Calcium	44-1	120291144	122585520	124331264	122402642	1.66	cps
Carbon	12-1	7152089	7423326	7439652	7338356	2.20	cps
Carbon	12-2	87042	87335	88516	87631	0.89	cps
Chlorine	35-1	884656	867585	857505	869915	1.58	cps
Chlorine	35-2	5643	5209	5510	5454	4.07	cps
Chromium	52-2	1212119	1187708	1201718	1200515	1.02	cps
Cobalt	59-2	2168795	2163096	2151586	2161159	0.41	cps
Copper	63-2	16234535	15958211	16260720	16151156	1.04	cps
Dysprosium	156-1	750	833	792	792	5.26	cps
Dysprosium	156-2	293	260	310	288	8.85	cps
Erbium	164-1	275	350	225	283	22.20	cps
Erbium	164-2	73	97	113	94	21.28	cps
Gadolinium	160-1	967	833	1125	975	14.98	cps
Gadolinium	160-2	423	413	357	398	9.04	cps
Holmium	165-1	21254427	21741459	21791418	21595768	1.37	cps
Holmium	165-2	8284203	8220235	8760253	8421563	3.50	cps
Indium	115-1	17694364	17633858	17736254	17688159	0.29	cps
Indium	115-2	2250279	2178986	2342491	2257252	3.63	cps
Iron	54-2	13228679	12958903	13047569	13078384	1.05	cps
Iron	56-2	238501933	235486783	234561100	236183272	0.87	cps
Iron	57-2	5980994	6038407	6001931	6007111	0.48	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:13:04	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	543	517	557	539	3.78	cps
Lead	206-1	14722827	14622079	14840705	14728537	0.74	cps
Lead	207-1	12702812	12783370	12727137	12737773	0.32	cps
Lead	208-1	58699318	57921602	57828002	58149640	0.82	cps
Lithium	6-1	10535632	10395000	10505450	10478694	0.71	cps
Magnesium	24-2	53280651	52915796	51287225	52494557	2.02	cps
Manganese	55-2	6134421	6085745	6142731	6120966	0.50	cps
Molybdenum	94-1	8327603	8440167	8605285	8457685	1.65	cps
Molybdenum	95-1	10183223	10382463	10439946	10335210	1.30	cps
Molybdenum	96-1	11374146	11542434	11386215	11434265	0.82	cps
Molybdenum	97-1	6213254	6299782	6332865	6281967	0.98	cps
Molybdenum	98-1	16268856	16284954	16547361	16367057	0.96	cps
Neodymium	150-1	253	267	273	264	3.85	cps
Neodymium	150-2	53	13	33	33	60.01	cps
Nickel	60-2	563791	545330	546783	551968	1.86	cps
Phosphorus	31-2	35920	34433	35294	35216	2.12	cps
Potassium	39-2	16399106	16408628	16280189	16362641	0.44	cps
Rhodium	103-1	15975403	15936259	16396074	16102579	1.58	cps
Rhodium	103-2	6710768	6506668	6934471	6717302	3.19	cps
Scandium	45-1	13789398	13808387	13652265	13750017	0.62	cps
Scandium	45-2	409616	401880	417917	409804	1.96	cps
Selenium	82-1	78263	78758	78703	78575	0.35	cps
Selenium	77-2	1954	2077	1977	2002	3.27	cps
Selenium	78-2	7268	7156	7126	7183	1.04	cps
Silicon	28-1	3610650	3686764	3788981	3695465	2.42	cps
Silver	107-1	4777471	4856118	4874803	4836131	1.07	cps
Silver	109-1	4542083	4613654	4605530	4587089	0.85	cps
Sodium	23-2	102135234	101557644	101093669	101595515	0.51	cps
Strontium	86-1	13408745	13601027	13458810	13489527	0.74	cps
Strontium	88-1	117489119	118161507	116009936	117220187	0.94	cps
Sulfur	34-1	961835	958275	946631	955580	0.83	cps
Terbium	159-1	22288718	21343763	21869821	21834101	2.17	cps
Terbium	159-2	8030353	7920333	8309720	8086802	2.48	cps
Thallium	203-1	3666679	3566734	3546637	3593350	1.79	cps
Thallium	205-1	8708608	8461207	8566697	8578837	1.45	cps
Tin	118-1	3310725	3257224	3219646	3262532	1.40	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:13:04	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3467733	3494584	3440745	3467687	0.78	cps
Uranium	238-1	11318197	11318328	11251450	11295991	0.34	cps
Vanadium	51-2	983556	969237	981836	978210	0.80	cps
Ytterbium	172-1	58	83	117	86	33.98	cps
Ytterbium	172-2	39	17	22	26	44.60	cps
Ytterbium	176-1	17562	18171	18422	18052	2.45	cps
Ytterbium	176-2	7252	7819	7725	7599	4.00	cps
Yttrium	89-1	30377208	30232986	30147166	30252453	0.38	cps
Yttrium	89-2	2834909	2831114	2912931	2859651	1.61	cps
Zinc	66-2	1855693	1820848	1841915	1839485	0.95	cps
Zirconium	90-1	7317269	7346331	7416095	7359898	0.69	cps
Zirconium	91-1	1638396	1673030	1682290	1664572	1.39	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 11:24:07 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105	132	110	116	12.64	cps
Antimony	121-1	275	350	392	339	17.45	cps
Arsenic	75-2	5	6	6	6	10.19	cps
Barium	135-1	58	50	108	72	43.69	cps
Barium	137-1	108	133	158	133	18.75	cps
Beryllium	9-1	52	54	44	50	10.59	cps
Bismuth	209-1	13841024	13257930	13625076	13574677	2.17	cps
Bismuth	209-2	6062493	6149263	5914264	6042007	1.97	cps
Boron	10-1	3412	3284	3380	3358	1.98	cps
Boron	11-1	16082	15897	15743	15907	1.06	cps
Bromine	81-1	7029	6889	6999	6972	1.06	cps
Cadmium	111-1	1889	1656	1854	1800	6.97	cps
Cadmium	106-1	9579	8219	9412	9070	8.17	cps
Cadmium	108-1	92	42	71	68	36.90	cps
Calcium	43-1	362	354	334	350	4.21	cps
Calcium	44-1	19401	19439	19244	19361	0.53	cps
Carbon	12-1	5183097	5257843	5232415	5224452	0.73	cps
Carbon	12-2	56158	57547	56292	56666	1.35	cps
Chlorine	35-1	390514	387877	385469	387953	0.65	cps
Chlorine	35-2	2709	2517	2375	2534	6.60	cps
Chromium	52-2	757	747	717	740	2.81	cps
Cobalt	59-2	63	60	70	64	7.90	cps
Copper	63-2	840	867	787	831	4.90	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	3	13	7	86.65	cps
Erbium	164-1	133	108	125	122	10.41	cps
Erbium	164-2	60	37	67	54	28.93	cps
Gadolinium	160-1	92	158	175	142	31.13	cps
Gadolinium	160-2	47	40	47	44	8.66	cps
Holmium	165-1	22118210	21644183	22087063	21949819	1.21	cps
Holmium	165-2	8497586	8620940	8151724	8423417	2.89	cps
Indium	115-1	18245585	18441283	18665228	18450699	1.14	cps
Indium	115-2	2471673	2500056	2251110	2407613	5.66	cps
Iron	54-2	300	389	383	357	13.93	cps
Iron	56-2	3523	3400	3551	3491	2.29	cps
Iron	57-2	67	100	133	100	33.33	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:24:07	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	490	567	550	536	7.53	cps
Lead	206-1	1272	961	933	1056	17.83	cps
Lead	207-1	844	889	978	904	7.51	cps
Lead	208-1	4356	4073	4161	4197	3.45	cps
Lithium	6-1	11036452	11008149	10757692	10934098	1.40	cps
Magnesium	24-2	642	542	508	564	12.31	cps
Manganese	55-2	97	110	103	103	6.45	cps
Molybdenum	94-1	658	725	483	622	20.06	cps
Molybdenum	95-1	175	150	158	161	7.90	cps
Molybdenum	96-1	400	250	217	289	33.81	cps
Molybdenum	97-1	108	83	92	94	13.48	cps
Molybdenum	98-1	283	267	275	275	3.03	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	30	47	47	41	23.41	cps
Phosphorus	31-2	83	100	83	89	10.82	cps
Potassium	39-2	12823	12681	12956	12820	1.07	cps
Rhodium	103-1	17532713	16994799	17551541	17359684	1.82	cps
Rhodium	103-2	7547577	7640797	6989763	7392712	4.76	cps
Scandium	45-1	14210257	13955162	13903206	14022875	1.17	cps
Scandium	45-2	422723	418474	399130	413443	3.04	cps
Selenium	82-1	96	43	9	50	88.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	24	27	18	23	19.92	cps
Silicon	28-1	298401	298306	297153	297953	0.23	cps
Silver	107-1	308	250	258	272	11.59	cps
Silver	109-1	233	133	92	153	47.65	cps
Sodium	23-2	20156	20273	20932	20454	2.05	cps
Strontium	86-1	942	1025	900	956	6.66	cps
Strontium	88-1	1050	983	1142	1058	7.51	cps
Sulfur	34-1	516267	514401	512878	514515	0.33	cps
Terbium	159-1	22483406	21737455	22287014	22169292	1.74	cps
Terbium	159-2	8374010	8346893	7981100	8234001	2.67	cps
Thallium	203-1	450	508	350	436	18.36	cps
Thallium	205-1	1175	1342	1125	1214	9.35	cps
Tin	118-1	925	817	908	883	6.60	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:24:07	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	300	250	267	10.82	cps
Uranium	238-1	100	75	83	86	14.78	cps
Vanadium	51-2	7	17	20	14	48.02	cps
Ytterbium	172-1	33	50	58	47	26.97	cps
Ytterbium	172-2	56	39	33	43	27.16	cps
Ytterbium	176-1	2500	2584	2234	2439	7.50	cps
Ytterbium	176-2	2039	2134	1950	2041	4.49	cps
Yttrium	89-1	31086191	31267700	30073600	30809164	2.09	cps
Yttrium	89-2	2910750	2908919	2672008	2830559	4.85	cps
Zinc	66-2	233	190	257	227	14.93	cps
Zirconium	90-1	1658	1875	1583	1706	8.88	cps
Zirconium	91-1	400	292	375	356	15.95	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-04	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:27:07	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2346	2284	2354	2328	1.65	cps
Antimony	121-1	4493	4301	4834	4543	5.95	cps
Arsenic	75-2	496	546	499	514	5.46	cps
Barium	135-1	121830	123570	126993	124131	2.12	cps
Barium	137-1	211596	214468	221212	215759	2.29	cps
Beryllium	9-1	70	78	74	74	5.41	cps
Bismuth	209-1	13863207	14071338	13467761	13800769	2.22	cps
Bismuth	209-2	6133080	6240152	6314898	6229377	1.47	cps
Boron	10-1	51164	54311	57904	54460	6.19	cps
Boron	11-1	240081	258697	268243	255673	5.60	cps
Bromine	81-1	59929	70720	82303	70984	15.76	cps
Cadmium	111-1	1907	1842	1791	1847	3.13	cps
Cadmium	106-1	9595	9295	9062	9317	2.87	cps
Cadmium	108-1	71	42	83	65	32.75	cps
Calcium	43-1	1031859	1037921	1033646	1034475	0.30	cps
Calcium	44-1	16854116	16510599	17183475	16849397	2.00	cps
Carbon	12-1	12501353	13645203	14434252	13526936	7.18	cps
Carbon	12-2	160512	161684	163024	161740	0.78	cps
Chlorine	35-1	1085558	1215064	1333491	1211371	10.24	cps
Chlorine	35-2	10346	10954	11480	10927	5.19	cps
Chromium	52-2	1737	1640	1550	1642	5.68	cps
Cobalt	59-2	1980	2104	1997	2027	3.30	cps
Copper	63-2	10247	9730	9830	9936	2.76	cps
Dysprosium	156-1	67	75	92	78	16.37	cps
Dysprosium	156-2	23	20	33	26	27.15	cps
Erbium	164-1	175	217	200	197	10.63	cps
Erbium	164-2	83	100	73	86	15.75	cps
Gadolinium	160-1	208	292	250	250	16.67	cps
Gadolinium	160-2	77	73	63	71	9.76	cps
Holmium	165-1	22565088	23370809	22058014	22664637	2.92	cps
Holmium	165-2	8618169	8798637	9084854	8833887	2.66	cps
Indium	115-1	19248305	19330480	18934927	19171237	1.09	cps
Indium	115-2	2412330	2401826	2460616	2424924	1.29	cps
Iron	54-2	5535	5484	5484	5501	0.53	cps
Iron	56-2	95093	93281	92381	93585	1.48	cps
Iron	57-2	2500	2500	2584	2528	1.90	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-04	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:27:07	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	547	500	553	533	5.45	cps
Lead	206-1	1333	1189	1278	1267	5.75	cps
Lead	207-1	1172	1189	1245	1202	3.15	cps
Lead	208-1	5278	5267	5267	5271	0.12	cps
Lithium	6-1	11096419	11563323	11004121	11221288	2.67	cps
Magnesium	24-2	2466173	2440392	2337873	2414813	2.81	cps
Manganese	55-2	623968	615970	614634	618191	0.82	cps
Molybdenum	94-1	5001	5001	5510	5171	5.68	cps
Molybdenum	95-1	7110	7327	7177	7205	1.54	cps
Molybdenum	96-1	8153	8194	8444	8264	1.91	cps
Molybdenum	97-1	4651	5126	4534	4770	6.57	cps
Molybdenum	98-1	11588	12114	11555	11753	2.67	cps
Neodymium	150-1	100	87	53	80	30.05	cps
Neodymium	150-2	17	7	0	8	107.84	cps
Nickel	60-2	3544	3887	3377	3603	7.22	cps
Phosphorus	31-2	183	158	117	153	22.04	cps
Potassium	39-2	431819	431314	423009	428714	1.15	cps
Rhodium	103-1	17925091	18147356	17637324	17903257	1.43	cps
Rhodium	103-2	7515039	7462076	7622087	7533067	1.08	cps
Scandium	45-1	14497126	14817062	14414785	14576324	1.46	cps
Scandium	45-2	422942	429741	447501	433395	2.93	cps
Selenium	82-1	62	57	34	51	29.35	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	31	21	36	29	26.04	cps
Silicon	28-1	36203289	35637323	36250444	36030352	0.95	cps
Silver	107-1	208	233	283	242	15.80	cps
Silver	109-1	142	200	183	175	17.17	cps
Sodium	23-2	18468808	18554766	17758072	18260548	2.39	cps
Strontium	86-1	492059	486914	495253	491409	0.86	cps
Strontium	88-1	4263876	4215130	4188292	4222433	0.91	cps
Sulfur	34-1	1203838	1170014	1185128	1186327	1.43	cps
Terbium	159-1	23173528	23484700	22955468	23204565	1.15	cps
Terbium	159-2	8343608	8478027	8916138	8579258	3.49	cps
Thallium	203-1	475	392	467	444	10.33	cps
Thallium	205-1	1142	1100	1008	1083	6.30	cps
Tin	118-1	1142	1317	1333	1264	8.40	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-04	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:27:07	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	792	783	792	789	0.61	cps
Uranium	238-1	2009	1992	1892	1964	3.21	cps
Vanadium	51-2	863	933	820	872	6.56	cps
Ytterbium	172-1	225	175	117	172	31.48	cps
Ytterbium	172-2	83	89	83	85	3.76	cps
Ytterbium	176-1	2717	2850	2809	2792	2.44	cps
Ytterbium	176-2	1672	1884	1900	1819	6.98	cps
Yttrium	89-1	31976933	32501245	31107045	31861741	2.21	cps
Yttrium	89-2	2921404	2989254	3086652	2999103	2.77	cps
Zinc	66-2	18572	17968	18909	18483	2.58	cps
Zirconium	90-1	2442	2292	2359	2364	3.18	cps
Zirconium	91-1	525	542	417	494	13.73	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:30:06	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9153	9204	9274	9211	0.66	cps
Antimony	121-1	2750	2475	2742	2656	5.89	cps
Arsenic	75-2	254	244	245	248	2.22	cps
Barium	135-1	127548	130746	131393	129896	1.59	cps
Barium	137-1	228494	226756	236783	230678	2.32	cps
Beryllium	9-1	68	80	100	83	19.55	cps
Bismuth	209-1	13772618	13888986	13585322	13748975	1.11	cps
Bismuth	209-2	6317263	6253221	6239955	6270146	0.66	cps
Boron	10-1	58956	63309	65612	62626	5.40	cps
Boron	11-1	276225	294271	308656	293051	5.55	cps
Bromine	81-1	56773	62864	67279	62305	8.47	cps
Cadmium	111-1	1902	1791	1850	1848	3.03	cps
Cadmium	106-1	9495	8886	9278	9220	3.35	cps
Cadmium	108-1	67	58	50	58	14.29	cps
Calcium	43-1	1150625	1148354	1162311	1153764	0.65	cps
Calcium	44-1	18773255	18266150	18432994	18490800	1.40	cps
Carbon	12-1	10372791	11219700	11566082	11052858	5.55	cps
Carbon	12-2	129677	130805	132427	130970	1.06	cps
Chlorine	35-1	2044196	2245669	2467050	2252305	9.39	cps
Chlorine	35-2	19614	19455	20740	19936	3.51	cps
Chromium	52-2	2410	2581	2314	2435	5.55	cps
Cobalt	59-2	877	1000	1010	962	7.72	cps
Copper	63-2	9987	10084	10054	10041	0.49	cps
Dysprosium	156-1	200	492	367	353	41.49	cps
Dysprosium	156-2	107	127	133	122	11.36	cps
Erbium	164-1	458	392	333	394	15.86	cps
Erbium	164-2	150	177	140	156	12.19	cps
Gadolinium	160-1	425	425	425	425	0.00	cps
Gadolinium	160-2	167	190	183	180	6.68	cps
Holmium	165-1	22774635	21882707	21923296	22193546	2.27	cps
Holmium	165-2	9118288	9115351	8876772	9036804	1.53	cps
Indium	115-1	19134379	18914382	18529504	18859422	1.62	cps
Indium	115-2	2430876	2457859	2397391	2428709	1.25	cps
Iron	54-2	29971	28412	29442	29275	2.71	cps
Iron	56-2	517310	542812	526679	528933	2.44	cps
Iron	57-2	13940	14274	13145	13787	4.21	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:30:06	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	530	557	457	514	10.07	cps
Lead	206-1	3401	3067	3539	3336	7.28	cps
Lead	207-1	2945	2962	3078	2995	2.43	cps
Lead	208-1	13420	13375	14226	13674	3.50	cps
Lithium	6-1	11560757	11111432	10960742	11210977	2.78	cps
Magnesium	24-2	2369038	2379293	2346069	2364800	0.72	cps
Manganese	55-2	140539	140425	138027	139664	1.02	cps
Molybdenum	94-1	3234	3559	4588	3793	18.63	cps
Molybdenum	95-1	4576	4342	4351	4423	2.99	cps
Molybdenum	96-1	5001	5143	4868	5004	2.75	cps
Molybdenum	97-1	2584	2617	2525	2575	1.80	cps
Molybdenum	98-1	7069	7177	7227	7158	1.13	cps
Neodymium	150-1	320	333	260	304	12.83	cps
Neodymium	150-2	63	53	77	64	18.17	cps
Nickel	60-2	1450	1407	1323	1393	4.62	cps
Phosphorus	31-2	700	583	558	614	12.32	cps
Potassium	39-2	409326	410353	401680	407120	1.16	cps
Rhodium	103-1	18009455	17396403	17469265	17625041	1.90	cps
Rhodium	103-2	7409042	7458243	7384539	7417275	0.51	cps
Scandium	45-1	14871755	14100169	14089277	14353734	3.13	cps
Scandium	45-2	437190	434566	432099	434618	0.59	cps
Selenium	82-1	60	25	103	62	62.55	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	29	22	29	27	15.16	cps
Silicon	28-1	33570858	34767171	33930624	34089551	1.80	cps
Silver	107-1	250	208	217	225	9.80	cps
Silver	109-1	125	117	167	136	19.68	cps
Sodium	23-2	23776504	23741389	23118264	23545385	1.57	cps
Strontium	86-1	524057	530884	522796	525912	0.83	cps
Strontium	88-1	4520653	4575529	4479895	4525359	1.06	cps
Sulfur	34-1	1072411	1073997	1072466	1072958	0.08	cps
Terbium	159-1	23422070	22998840	22608302	23009738	1.77	cps
Terbium	159-2	8663049	8665184	8518411	8615548	0.98	cps
Thallium	203-1	317	458	375	383	18.57	cps
Thallium	205-1	983	1108	767	953	18.14	cps
Tin	118-1	1600	1450	1233	1428	12.91	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:30:06	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6394	7700	10116	8070	23.40	cps
Uranium	238-1	3009	3092	2834	2978	4.43	cps
Vanadium	51-2	3437	3497	3550	3495	1.62	cps
Ytterbium	172-1	300	283	200	261	20.52	cps
Ytterbium	172-2	144	61	111	106	39.74	cps
Ytterbium	176-1	2792	2592	2442	2609	6.73	cps
Ytterbium	176-2	1756	1934	1922	1871	5.32	cps
Yttrium	89-1	32834249	31723730	31109480	31889153	2.74	cps
Yttrium	89-2	2964335	2979333	2955445	2966371	0.41	cps
Zinc	66-2	3154	3350	3247	3250	3.03	cps
Zirconium	90-1	2759	3042	2850	2884	5.01	cps
Zirconium	91-1	633	492	658	594	15.12	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:33:03	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3009	3037	3029	3025	0.49	cps
Antimony	121-1	3567	3609	3242	3473	5.78	cps
Arsenic	75-2	197	196	195	196	0.51	cps
Barium	135-1	125151	121512	120325	122329	2.06	cps
Barium	137-1	213686	211639	211471	212265	0.58	cps
Beryllium	9-1	52	60	46	53	13.34	cps
Bismuth	209-1	12984286	13454627	13916916	13451943	3.47	cps
Bismuth	209-2	5923686	6082284	6085970	6030646	1.54	cps
Boron	10-1	60454	64203	65341	63333	4.04	cps
Boron	11-1	287375	304965	315000	302447	4.62	cps
Bromine	81-1	50281	57918	60784	56328	9.64	cps
Cadmium	111-1	1751	1840	1844	1812	2.89	cps
Cadmium	106-1	8711	9162	9053	8975	2.62	cps
Cadmium	108-1	58	54	42	51	16.87	cps
Calcium	43-1	1132831	1117177	1122337	1124115	0.71	cps
Calcium	44-1	18012901	18060003	18052557	18041820	0.14	cps
Carbon	12-1	10121369	11071323	11380929	10857874	6.04	cps
Carbon	12-2	126282	130376	137088	131249	4.16	cps
Chlorine	35-1	2518871	2701912	2872151	2697645	6.55	cps
Chlorine	35-2	22059	22410	22560	22343	1.15	cps
Chromium	52-2	1903	1930	2047	1960	3.89	cps
Cobalt	59-2	693	773	737	734	5.45	cps
Copper	63-2	8739	8843	8746	8776	0.66	cps
Dysprosium	156-1	58	92	75	75	22.23	cps
Dysprosium	156-2	23	20	20	21	9.11	cps
Erbium	164-1	225	192	225	214	9.00	cps
Erbium	164-2	33	70	77	60	38.89	cps
Gadolinium	160-1	258	250	233	247	5.15	cps
Gadolinium	160-2	87	57	57	67	25.98	cps
Holmium	165-1	20890662	22734516	23082852	22236010	5.30	cps
Holmium	165-2	8631968	8639633	8859482	8710361	1.48	cps
Indium	115-1	17946697	19164033	18979160	18696630	3.51	cps
Indium	115-2	2364152	2388061	2423893	2392035	1.26	cps
Iron	54-2	2356	2228	2228	2271	3.25	cps
Iron	56-2	37538	36970	36575	37028	1.31	cps
Iron	57-2	1211	1206	1250	1222	1.98	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:33:03	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	563	510	580	551	6.63	cps
Lead	206-1	1589	1411	1450	1483	6.30	cps
Lead	207-1	1217	1456	1167	1280	12.07	cps
Lead	208-1	6206	6145	5840	6064	3.24	cps
Lithium	6-1	10652686	11417693	11121239	11063873	3.49	cps
Magnesium	24-2	2336016	2323326	2319172	2326171	0.38	cps
Manganese	55-2	90173	88399	88114	88895	1.26	cps
Molybdenum	94-1	3034	3259	3234	3175	3.88	cps
Molybdenum	95-1	4326	4418	4067	4270	4.25	cps
Molybdenum	96-1	4643	4968	4517	4709	4.94	cps
Molybdenum	97-1	2850	2575	2692	2706	5.10	cps
Molybdenum	98-1	7544	7069	6927	7180	4.50	cps
Neodymium	150-1	107	47	67	73	41.66	cps
Neodymium	150-2	17	17	17	17	0.00	cps
Nickel	60-2	1237	1320	1443	1333	7.80	cps
Phosphorus	31-2	458	542	433	478	11.87	cps
Potassium	39-2	399323	392658	395426	395802	0.85	cps
Rhodium	103-1	16754015	17264937	17614270	17211074	2.51	cps
Rhodium	103-2	7298110	7378588	7535518	7404072	1.63	cps
Scandium	45-1	13793412	14509210	14334057	14212226	2.63	cps
Scandium	45-2	422490	423496	432469	426151	1.29	cps
Selenium	82-1	-4	39	44	26	100.33	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	28	25	27	27	5.73	cps
Silicon	28-1	31868384	31745216	30862463	31492021	1.74	cps
Silver	107-1	217	175	200	197	10.63	cps
Silver	109-1	58	125	92	92	36.37	cps
Sodium	23-2	23355203	22975579	23973430	23434737	2.15	cps
Strontium	86-1	509099	514927	498073	507366	1.69	cps
Strontium	88-1	4438841	4420335	4379018	4412731	0.69	cps
Sulfur	34-1	1063967	1054723	1066478	1061723	0.58	cps
Terbium	159-1	22117675	22242317	23093455	22484482	2.36	cps
Terbium	159-2	8409321	8307768	8639216	8452102	2.01	cps
Thallium	203-1	417	392	450	419	6.98	cps
Thallium	205-1	1092	967	775	945	16.89	cps
Tin	118-1	2067	1692	1900	1886	9.96	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-06	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.2)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:33:03	DataFile Name :	039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1042	817	792	883	15.59	cps
Uranium	238-1	2125	2509	2225	2286	8.70	cps
Vanadium	51-2	2730	2537	2737	2668	4.26	cps
Ytterbium	172-1	208	192	150	183	16.39	cps
Ytterbium	172-2	89	117	117	107	14.93	cps
Ytterbium	176-1	2259	2575	2817	2550	10.98	cps
Ytterbium	176-2	1622	1622	1795	1680	5.92	cps
Yttrium	89-1	30305816	32041451	32163587	31503618	3.30	cps
Yttrium	89-2	2894869	2932573	3001922	2943122	1.84	cps
Zinc	66-2	25640	25142	25460	25414	0.99	cps
Zirconium	90-1	2100	1917	2167	2061	6.28	cps
Zirconium	91-1	467	450	400	439	7.90	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:36:01	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8224	8293	7909	8142	2.52	cps
Antimony	121-1	1042	975	833	950	11.20	cps
Arsenic	75-2	145	128	141	138	6.44	cps
Barium	135-1	76233	73945	71992	74057	2.87	cps
Barium	137-1	129190	129189	127532	128637	0.74	cps
Beryllium	9-1	76	84	72	77	7.90	cps
Bismuth	209-1	14056601	13579595	13807369	13814522	1.73	cps
Bismuth	209-2	6473338	6255980	6220500	6316606	2.17	cps
Boron	10-1	20398	20626	20915	20646	1.25	cps
Boron	11-1	97399	98395	97418	97737	0.58	cps
Bromine	81-1	44145	49940	53224	49103	9.36	cps
Cadmium	111-1	1911	1925	1866	1901	1.62	cps
Cadmium	106-1	9453	9579	9278	9437	1.60	cps
Cadmium	108-1	25	46	21	31	43.84	cps
Calcium	43-1	609644	610416	605618	608559	0.42	cps
Calcium	44-1	9692083	9959068	9885411	9845521	1.40	cps
Carbon	12-1	10505868	11192703	11802025	11166865	5.81	cps
Carbon	12-2	131133	131981	137768	133627	2.70	cps
Chlorine	35-1	1939438	1973840	1991811	1968363	1.35	cps
Chlorine	35-2	13765	14224	13707	13899	2.04	cps
Chromium	52-2	3197	2974	3024	3065	3.83	cps
Cobalt	59-2	687	673	623	661	5.05	cps
Copper	63-2	6105	5838	6048	5997	2.34	cps
Dysprosium	156-1	400	342	383	375	8.01	cps
Dysprosium	156-2	160	190	117	156	23.70	cps
Erbium	164-1	475	517	667	553	18.24	cps
Erbium	164-2	173	227	233	211	15.58	cps
Gadolinium	160-1	500	633	725	620	18.27	cps
Gadolinium	160-2	233	227	197	219	8.92	cps
Holmium	165-1	22369920	22181843	22378332	22310032	0.50	cps
Holmium	165-2	8978513	8952653	8895077	8942081	0.48	cps
Indium	115-1	19037641	18996981	18455517	18830046	1.73	cps
Indium	115-2	2486809	2438123	2427727	2450886	1.29	cps
Iron	54-2	24644	24594	25326	24855	1.65	cps
Iron	56-2	439695	447221	429740	438886	2.00	cps
Iron	57-2	10665	11049	10932	10882	1.81	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:36:01	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	533	580	403	506	18.11	cps
Lead	206-1	2573	2445	2367	2461	4.22	cps
Lead	207-1	1967	2139	1895	2000	6.28	cps
Lead	208-1	9640	9357	9352	9450	1.75	cps
Lithium	6-1	11292429	11325687	11237418	11285178	0.40	cps
Magnesium	24-2	1570714	1576070	1580682	1575822	0.32	cps
Manganese	55-2	29831	29076	29404	29437	1.29	cps
Molybdenum	94-1	2592	2709	2784	2695	3.58	cps
Molybdenum	95-1	3225	3342	3175	3248	2.63	cps
Molybdenum	96-1	3592	3601	3542	3578	0.88	cps
Molybdenum	97-1	1867	2109	2092	2022	6.67	cps
Molybdenum	98-1	5043	4951	5193	5062	2.41	cps
Neodymium	150-1	453	533	527	504	8.80	cps
Neodymium	150-2	143	147	103	131	18.40	cps
Nickel	60-2	963	970	963	966	0.40	cps
Phosphorus	31-2	192	225	242	219	11.60	cps
Potassium	39-2	297798	298794	299244	298612	0.25	cps
Rhodium	103-1	17915455	17710648	17988368	17871491	0.81	cps
Rhodium	103-2	7707255	7624974	7493983	7608738	1.41	cps
Scandium	45-1	14428244	14387894	14802367	14539502	1.57	cps
Scandium	45-2	432386	436561	428600	432516	0.92	cps
Selenium	82-1	69	-11	175	78	120.01	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	24	29	18	24	23.27	cps
Silicon	28-1	22219734	22490085	22224687	22311502	0.69	cps
Silver	107-1	242	275	192	236	17.77	cps
Silver	109-1	142	167	150	153	8.33	cps
Sodium	23-2	8680969	8848319	8643809	8724365	1.25	cps
Strontium	86-1	308639	316166	312246	312350	1.21	cps
Strontium	88-1	2724363	2772846	2699990	2732400	1.36	cps
Sulfur	34-1	769811	765311	756167	763763	0.91	cps
Terbium	159-1	22861396	23258370	23299041	23139603	1.04	cps
Terbium	159-2	8648414	8548339	8616789	8604514	0.59	cps
Thallium	203-1	317	342	325	328	3.88	cps
Thallium	205-1	1133	917	942	997	11.89	cps
Tin	118-1	1567	1333	1400	1433	8.39	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-07	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:36:01	DataFile Name :	040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5777	4984	7239	6000	19.07	cps
Uranium	238-1	3476	3751	3225	3484	7.54	cps
Vanadium	51-2	1827	1847	1963	1879	3.93	cps
Ytterbium	172-1	275	267	267	269	1.78	cps
Ytterbium	172-2	139	128	144	137	6.19	cps
Ytterbium	176-1	2934	2892	2509	2778	8.43	cps
Ytterbium	176-2	1600	1834	1578	1671	8.48	cps
Yttrium	89-1	31861683	31764253	31419705	31681880	0.73	cps
Yttrium	89-2	2998610	3006383	2967381	2990791	0.69	cps
Zinc	66-2	1063	1207	1237	1169	7.93	cps
Zirconium	90-1	2442	2634	2192	2423	9.15	cps
Zirconium	91-1	667	442	442	517	25.14	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:38:58	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2192	2284	2251	2242	2.06	cps
Antimony	121-1	3034	3084	3167	3095	2.18	cps
Arsenic	75-2	149	112	126	129	14.48	cps
Barium	135-1	66146	68097	67839	67361	1.57	cps
Barium	137-1	114844	116863	115543	115750	0.89	cps
Beryllium	9-1	70	80	70	73	7.87	cps
Bismuth	209-1	14723386	13924108	12776644	13808046	7.09	cps
Bismuth	209-2	6401194	6264299	5335794	6000429	9.66	cps
Boron	10-1	18178	18592	18958	18576	2.10	cps
Boron	11-1	85235	87338	87678	86750	1.52	cps
Bromine	81-1	41343	47248	51256	46616	10.70	cps
Cadmium	111-1	2072	2018	1794	1961	7.51	cps
Cadmium	106-1	10129	9770	8811	9570	7.12	cps
Cadmium	108-1	42	75	50	56	31.22	cps
Calcium	43-1	599906	597932	604585	600808	0.57	cps
Calcium	44-1	9723023	9702476	9626324	9683941	0.53	cps
Carbon	12-1	10296370	11037834	11391968	10908724	5.13	cps
Carbon	12-2	129241	131116	129585	129981	0.77	cps
Chlorine	35-1	1611983	1700536	1722436	1678318	3.48	cps
Chlorine	35-2	11713	11763	12039	11838	1.48	cps
Chromium	52-2	2557	2707	2510	2591	3.97	cps
Cobalt	59-2	1390	1447	1483	1440	3.27	cps
Copper	63-2	18863	18472	18789	18708	1.11	cps
Dysprosium	156-1	367	233	292	297	22.49	cps
Dysprosium	156-2	123	133	93	117	17.84	cps
Erbium	164-1	483	325	325	378	24.20	cps
Erbium	164-2	147	173	133	151	13.48	cps
Gadolinium	160-1	433	467	450	450	3.70	cps
Gadolinium	160-2	217	120	147	161	30.99	cps
Holmium	165-1	23118846	22234913	21623599	22325786	3.37	cps
Holmium	165-2	9227603	8946373	7617710	8597228	10.00	cps
Indium	115-1	19780375	19295683	18345961	19140673	3.81	cps
Indium	115-2	2551839	2508727	2089220	2383262	10.72	cps
Iron	54-2	29074	29798	29381	29418	1.24	cps
Iron	56-2	534918	527252	529486	530552	0.74	cps
Iron	57-2	13840	13262	13301	13468	2.40	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:38:58	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	533	597	510	547	8.20	cps
Lead	206-1	9548	9954	10071	9858	2.78	cps
Lead	207-1	8169	8803	8492	8488	3.73	cps
Lead	208-1	38112	39235	38467	38604	1.49	cps
Lithium	6-1	11234235	11377810	10806934	11139660	2.67	cps
Magnesium	24-2	1559384	1598964	1548181	1568843	1.70	cps
Manganese	55-2	13230	13200	13240	13223	0.16	cps
Molybdenum	94-1	2684	2742	3084	2836	7.62	cps
Molybdenum	95-1	2992	2959	3034	2995	1.25	cps
Molybdenum	96-1	3476	3917	3559	3651	6.43	cps
Molybdenum	97-1	2250	1934	2359	2181	10.13	cps
Molybdenum	98-1	5576	5176	5543	5432	4.09	cps
Neodymium	150-1	380	407	307	364	14.21	cps
Neodymium	150-2	100	137	97	111	19.98	cps
Nickel	60-2	1130	1200	1203	1178	3.52	cps
Phosphorus	31-2	217	108	250	192	38.64	cps
Potassium	39-2	294089	292941	295553	294194	0.44	cps
Rhodium	103-1	18557518	17642784	17029835	17743379	4.33	cps
Rhodium	103-2	7964126	7715429	6492928	7390828	10.65	cps
Scandium	45-1	14777021	14301763	13437983	14172256	4.79	cps
Scandium	45-2	447687	425307	370244	414413	9.62	cps
Selenium	82-1	41	-75	71	12	618.83	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	21	33	28	27	22.05	cps
Silicon	28-1	21547895	21963213	21253328	21588145	1.65	cps
Silver	107-1	208	217	225	217	3.85	cps
Silver	109-1	67	67	50	61	15.75	cps
Sodium	23-2	8882044	9030743	8781381	8898056	1.41	cps
Strontium	86-1	312393	315858	314170	314140	0.55	cps
Strontium	88-1	2671805	2736311	2761785	2723300	1.70	cps
Sulfur	34-1	782060	772303	760933	771765	1.37	cps
Terbium	159-1	24692195	23130355	21695116	23172555	6.47	cps
Terbium	159-2	8789493	8658268	7189952	8212571	10.81	cps
Thallium	203-1	425	375	333	378	12.15	cps
Thallium	205-1	875	808	883	856	4.80	cps
Tin	118-1	2884	3009	3134	3009	4.16	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-08	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:38:58	DataFile Name :	041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1600	1725	1450	1592	8.65	cps
Uranium	238-1	2934	2900	2600	2812	6.53	cps
Vanadium	51-2	1770	1627	1707	1701	4.22	cps
Ytterbium	172-1	200	125	242	189	31.30	cps
Ytterbium	172-2	106	83	83	91	14.14	cps
Ytterbium	176-1	2700	2759	2500	2653	5.11	cps
Ytterbium	176-2	1683	1878	1306	1622	17.94	cps
Yttrium	89-1	32143128	31893065	29834690	31290295	4.05	cps
Yttrium	89-2	3090464	2997810	2578222	2888832	9.45	cps
Zinc	66-2	16410	16406	16403	16406	0.02	cps
Zirconium	90-1	2159	2317	2409	2295	5.51	cps
Zirconium	91-1	533	383	458	458	16.36	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-09	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:41:57	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6946	7305	6971	7074	2.83	cps
Antimony	121-1	2384	2459	2484	2442	2.13	cps
Arsenic	75-2	276	288	281	282	2.14	cps
Barium	135-1	136047	138790	138942	137926	1.18	cps
Barium	137-1	241040	241618	242891	241850	0.39	cps
Beryllium	9-1	50	86	78	71	26.50	cps
Bismuth	209-1	13719496	13698896	13665846	13694746	0.20	cps
Bismuth	209-2	6192983	5855425	6003162	6017190	2.81	cps
Boron	10-1	60076	63095	65181	62784	4.09	cps
Boron	11-1	284196	296231	300835	293754	2.92	cps
Bromine	81-1	56532	63941	72500	64324	12.42	cps
Cadmium	111-1	1919	1917	1831	1889	2.67	cps
Cadmium	106-1	9404	9595	9045	9348	2.99	cps
Cadmium	108-1	58	33	58	50	28.87	cps
Calcium	43-1	1205457	1204656	1197043	1202385	0.39	cps
Calcium	44-1	19631549	19020313	19236783	19296215	1.61	cps
Carbon	12-1	11179004	11750209	12076345	11668519	3.89	cps
Carbon	12-2	135959	138550	140619	138376	1.69	cps
Chlorine	35-1	2127905	2350530	2532301	2336912	8.67	cps
Chlorine	35-2	19672	19130	19998	19600	2.24	cps
Chromium	52-2	2250	2430	2480	2387	5.07	cps
Cobalt	59-2	1540	1543	1563	1549	0.81	cps
Copper	63-2	8616	8516	8809	8647	1.73	cps
Dysprosium	156-1	167	258	175	200	25.34	cps
Dysprosium	156-2	100	73	100	91	16.90	cps
Erbium	164-1	358	408	400	389	6.89	cps
Erbium	164-2	173	160	183	172	6.80	cps
Gadolinium	160-1	483	392	383	419	13.23	cps
Gadolinium	160-2	153	170	183	169	8.90	cps
Holmium	165-1	21521077	22694162	23147317	22454185	3.74	cps
Holmium	165-2	8734595	8339821	8706925	8593780	2.56	cps
Indium	115-1	18462355	18506402	19081324	18683360	1.85	cps
Indium	115-2	2443793	2308966	2305027	2352595	3.36	cps
Iron	54-2	86550	88053	86271	86958	1.10	cps
Iron	56-2	1593795	1648749	1609672	1617405	1.75	cps
Iron	57-2	40418	39750	39600	39923	1.09	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-09	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:41:57	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	577	530	510	539	6.35	cps
Lead	206-1	3734	3462	3595	3597	3.79	cps
Lead	207-1	2995	3184	3206	3128	3.71	cps
Lead	208-1	14392	14459	14520	14457	0.44	cps
Lithium	6-1	11219086	10945333	11348723	11171048	1.84	cps
Magnesium	24-2	3159357	3165834	3129046	3151413	0.62	cps
Manganese	55-2	593302	600167	592173	595214	0.73	cps
Molybdenum	94-1	3992	3792	3959	3915	2.74	cps
Molybdenum	95-1	4984	5284	4926	5065	3.80	cps
Molybdenum	96-1	5860	5968	5793	5874	1.50	cps
Molybdenum	97-1	3025	3209	3234	3156	3.61	cps
Molybdenum	98-1	7727	8044	8436	8069	4.40	cps
Neodymium	150-1	233	373	307	304	23.01	cps
Neodymium	150-2	63	90	47	67	32.79	cps
Nickel	60-2	1600	1610	1567	1592	1.42	cps
Phosphorus	31-2	750	867	600	739	18.09	cps
Potassium	39-2	427044	431469	420701	426405	1.27	cps
Rhodium	103-1	17238031	17438730	17651136	17442633	1.18	cps
Rhodium	103-2	7567845	7195421	7082353	7281873	3.49	cps
Scandium	45-1	14050458	13912174	14342127	14101586	1.56	cps
Scandium	45-2	426885	398950	411762	412532	3.39	cps
Selenium	82-1	-24	36	111	41	164.96	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	30	27	37	31	16.38	cps
Silicon	28-1	35644113	35940648	35613485	35732749	0.51	cps
Silver	107-1	308	275	233	272	13.81	cps
Silver	109-1	50	83	150	94	53.91	cps
Sodium	23-2	22108667	21865202	22067786	22013885	0.59	cps
Strontium	86-1	539162	540487	544809	541486	0.55	cps
Strontium	88-1	4671212	4582744	4685428	4646462	1.20	cps
Sulfur	34-1	1391981	1388335	1358297	1379538	1.34	cps
Terbium	159-1	22947525	22620906	22741794	22770075	0.73	cps
Terbium	159-2	8567171	8219573	8476786	8421176	2.14	cps
Thallium	203-1	375	342	458	392	15.34	cps
Thallium	205-1	983	800	975	920	11.26	cps
Tin	118-1	2684	2384	2417	2495	6.59	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-09	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:41:57	DataFile Name :	042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5326	5476	5994	5599	6.25	cps
Uranium	238-1	4101	3776	4911	4262	13.71	cps
Vanadium	51-2	2810	2954	2904	2889	2.52	cps
Ytterbium	172-1	133	258	142	178	39.31	cps
Ytterbium	172-2	67	94	111	91	24.74	cps
Ytterbium	176-1	2692	2559	2534	2595	3.28	cps
Ytterbium	176-2	1756	1550	1606	1637	6.50	cps
Yttrium	89-1	30474001	30950010	30898352	30774121	0.85	cps
Yttrium	89-2	2966249	2796872	2898249	2887123	2.95	cps
Zinc	66-2	4798	5048	4961	4935	2.57	cps
Zirconium	90-1	2784	2742	3092	2873	6.66	cps
Zirconium	91-1	517	625	592	578	9.60	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : M3774-10 Instrumnet Name : P8
 Client Sample ID : SW-CB-03-(1.0) Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 11:44:51 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299	290	284	291	2.59	cps
Antimony	121-1	2575	2917	2817	2770	6.34	cps
Arsenic	75-2	216	188	171	192	11.85	cps
Barium	135-1	126767	125228	128390	126795	1.25	cps
Barium	137-1	221269	214382	225557	220403	2.56	cps
Beryllium	9-1	40	46	34	40	15.00	cps
Bismuth	209-1	13073957	13803440	13838737	13572045	3.18	cps
Bismuth	209-2	6053131	6060739	6183916	6099262	1.20	cps
Boron	10-1	61971	65998	68941	65637	5.33	cps
Boron	11-1	297404	317585	328724	314571	5.05	cps
Bromine	81-1	61537	71635	77964	70379	11.77	cps
Cadmium	111-1	1826	1914	2026	1922	5.22	cps
Cadmium	106-1	9137	9570	10054	9587	4.79	cps
Cadmium	108-1	50	42	50	47	10.18	cps
Calcium	43-1	1192691	1183230	1184869	1186930	0.43	cps
Calcium	44-1	19315855	19042580	19128280	19162239	0.73	cps
Carbon	12-1	11533602	12173159	12514677	12073813	4.12	cps
Carbon	12-2	136236	139971	141325	139177	1.89	cps
Chlorine	35-1	2451760	2623282	2773884	2616309	6.16	cps
Chlorine	35-2	20248	21158	22126	21177	4.43	cps
Chromium	52-2	1770	1617	1510	1632	8.01	cps
Cobalt	59-2	1273	1460	1313	1349	7.29	cps
Copper	63-2	5524	5538	5488	5517	0.47	cps
Dysprosium	156-1	50	83	58	64	27.16	cps
Dysprosium	156-2	20	20	20	20	0.00	cps
Erbium	164-1	233	225	283	247	12.76	cps
Erbium	164-2	40	80	73	64	33.25	cps
Gadolinium	160-1	233	283	133	217	35.25	cps
Gadolinium	160-2	73	70	60	68	10.24	cps
Holmium	165-1	21959019	22309236	22271848	22180035	0.87	cps
Holmium	165-2	8550231	8697191	8777136	8674852	1.33	cps
Indium	115-1	18215173	18814232	19172699	18734035	2.58	cps
Indium	115-2	2308701	2371321	2374260	2351427	1.57	cps
Iron	54-2	2350	2372	2372	2365	0.54	cps
Iron	56-2	40380	40948	40836	40721	0.74	cps
Iron	57-2	1117	1428	1306	1283	12.21	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-10	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:44:51	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	547	517	503	522	4.25	cps
Lead	206-1	867	939	950	919	4.93	cps
Lead	207-1	844	828	878	850	3.00	cps
Lead	208-1	3761	3689	3589	3680	2.35	cps
Lithium	6-1	11154842	11362734	11090618	11202731	1.27	cps
Magnesium	24-2	3234552	3212412	3157826	3201597	1.23	cps
Manganese	55-2	561928	556920	554744	557864	0.66	cps
Molybdenum	94-1	3409	3275	3567	3417	4.27	cps
Molybdenum	95-1	4759	4659	4926	4782	2.82	cps
Molybdenum	96-1	5034	5343	5368	5248	3.54	cps
Molybdenum	97-1	3059	3109	2859	3009	4.40	cps
Molybdenum	98-1	7502	7411	8386	7766	6.94	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	1460	1653	1533	1549	6.30	cps
Phosphorus	31-2	208	250	283	247	15.20	cps
Potassium	39-2	420977	420470	423817	421755	0.43	cps
Rhodium	103-1	16775461	17263071	17591643	17210058	2.39	cps
Rhodium	103-2	7270700	7295397	7436224	7334107	1.22	cps
Scandium	45-1	13850969	14030079	14381523	14087524	1.92	cps
Scandium	45-2	403218	411223	420954	411798	2.16	cps
Selenium	82-1	31	19	67	39	63.55	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	23	27	30	27	13.17	cps
Silicon	28-1	34882999	34302563	34704110	34629891	0.86	cps
Silver	107-1	150	267	192	203	29.16	cps
Silver	109-1	142	83	75	100	36.32	cps
Sodium	23-2	21739421	21938083	21785865	21821123	0.48	cps
Strontium	86-1	543542	540483	552213	545412	1.12	cps
Strontium	88-1	4735489	4648401	4691953	4691948	0.93	cps
Sulfur	34-1	1342407	1357502	1348997	1349635	0.56	cps
Terbium	159-1	22049823	22738983	23013709	22600838	2.20	cps
Terbium	159-2	8401529	8360178	8579763	8447156	1.38	cps
Thallium	203-1	367	308	333	336	8.71	cps
Thallium	205-1	733	917	833	828	11.09	cps
Tin	118-1	1350	1083	1183	1206	11.17	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-10	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 11:44:51	DataFile Name :	043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	600	775	783	719	14.39	cps
Uranium	238-1	3609	3726	4051	3795	6.03	cps
Vanadium	51-2	1560	1397	1410	1456	6.23	cps
Ytterbium	172-1	150	158	183	164	10.58	cps
Ytterbium	172-2	22	56	50	43	41.93	cps
Ytterbium	176-1	2609	2750	2692	2684	2.65	cps
Ytterbium	176-2	1372	1633	1583	1530	9.06	cps
Yttrium	89-1	30762005	30964616	31333030	31019883	0.93	cps
Yttrium	89-2	2863741	2885497	2904824	2884687	0.71	cps
Zinc	66-2	2154	2034	1970	2052	4.54	cps
Zirconium	90-1	1817	2000	2067	1961	6.60	cps
Zirconium	91-1	375	350	317	347	8.43	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:00:19	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	682481	670981	683086	678849	1.00	cps
Antimony	121-1	3578314	3621280	3626880	3608825	0.74	cps
Arsenic	75-2	102442	101050	102037	101843	0.70	cps
Barium	135-1	4839750	4890385	4862207	4864114	0.52	cps
Barium	137-1	8263192	8289747	8356800	8303246	0.58	cps
Beryllium	9-1	1503952	1501682	1516255	1507296	0.52	cps
Bismuth	209-1	12978735	12872413	12623981	12825043	1.42	cps
Bismuth	209-2	5573119	5882509	5779083	5744904	2.74	cps
Boron	10-1	189954	196207	206047	197402	4.11	cps
Boron	11-1	854667	859760	872454	862294	1.06	cps
Bromine	81-1	43170	47700	56662	49177	13.96	cps
Cadmium	111-1	939748	970650	947292	952563	1.69	cps
Cadmium	106-1	123149	122105	120852	122035	0.94	cps
Cadmium	108-1	79763	82198	81099	81020	1.51	cps
Calcium	43-1	2314000	2258874	2272910	2281928	1.26	cps
Calcium	44-1	35984131	34967977	35292568	35414892	1.47	cps
Carbon	12-1	9210606	9861097	10669489	9913731	7.37	cps
Carbon	12-2	122323	124130	129013	125155	2.77	cps
Chlorine	35-1	1057145	1129037	1177271	1121151	5.39	cps
Chlorine	35-2	8828	8995	9086	8970	1.46	cps
Chromium	52-2	1166000	1142301	1153280	1153860	1.03	cps
Cobalt	59-2	2159710	2064895	2110116	2111573	2.25	cps
Copper	63-2	16680496	16536453	16402852	16539934	0.84	cps
Dysprosium	156-1	733	608	542	628	15.50	cps
Dysprosium	156-2	223	277	250	250	10.67	cps
Erbium	164-1	417	558	550	508	15.64	cps
Erbium	164-2	193	303	227	241	23.40	cps
Gadolinium	160-1	842	858	767	822	5.94	cps
Gadolinium	160-2	263	273	330	289	12.45	cps
Holmium	165-1	21018960	21669994	21049854	21246269	1.73	cps
Holmium	165-2	7985461	8485100	8400721	8290427	3.23	cps
Indium	115-1	17174179	17795773	17175909	17381954	2.06	cps
Indium	115-2	2130406	2315173	2226261	2223947	4.16	cps
Iron	54-2	2804583	2672984	2682316	2719961	2.70	cps
Iron	56-2	48431882	46715930	46750820	47299544	2.07	cps
Iron	57-2	1208008	1174966	1183776	1188917	1.44	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:00:19	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	527	507	570	534	6.06	cps
Lead	206-1	15611599	15465285	15160675	15412520	1.49	cps
Lead	207-1	13634311	13467361	13228990	13443554	1.52	cps
Lead	208-1	62078912	61079904	61074453	61411090	0.94	cps
Lithium	6-1	10587337	10458420	10301544	10449100	1.37	cps
Magnesium	24-2	12095702	12031653	12133909	12087088	0.43	cps
Manganese	55-2	6460776	6250921	6235786	6315828	1.99	cps
Molybdenum	94-1	12833740	12878170	12412111	12708007	2.02	cps
Molybdenum	95-1	18389513	18439118	18063967	18297533	1.11	cps
Molybdenum	96-1	20028335	20337663	19691240	20019079	1.62	cps
Molybdenum	97-1	11134861	11299736	10902058	11112218	1.80	cps
Molybdenum	98-1	29815754	28609710	28621000	29015488	2.39	cps
Neodymium	150-1	693	640	753	696	8.15	cps
Neodymium	150-2	127	160	130	139	13.22	cps
Nickel	60-2	554107	538774	547148	546676	1.40	cps
Phosphorus	31-2	1175	1242	1200	1206	2.79	cps
Potassium	39-2	3576869	3576003	3615680	3589518	0.63	cps
Rhodium	103-1	16305788	15947316	15756545	16003216	1.74	cps
Rhodium	103-2	6452759	7003940	6965346	6807348	4.52	cps
Scandium	45-1	13038653	13126609	12793299	12986187	1.33	cps
Scandium	45-2	387674	411612	405069	401452	3.08	cps
Selenium	82-1	73869	74687	74577	74378	0.60	cps
Selenium	77-2	1843	1880	2020	1915	4.87	cps
Selenium	78-2	6647	6448	6363	6486	2.25	cps
Silicon	28-1	28024529	27963665	29765220	28584471	3.58	cps
Silver	107-1	3539415	3744177	3745797	3676463	3.23	cps
Silver	109-1	3930730	4217514	3676698	3941647	6.86	cps
Sodium	23-2	33106868	32234738	32451207	32597605	1.39	cps
Strontium	86-1	13217738	13354884	13398702	13323775	0.71	cps
Strontium	88-1	114855319	112983703	117020036	114953019	1.76	cps
Sulfur	34-1	894277	972514	982922	949904	5.10	cps
Terbium	159-1	21727609	22300522	21489512	21839214	1.91	cps
Terbium	159-2	7737975	8341637	8110318	8063310	3.78	cps
Thallium	203-1	3661924	3673474	3694514	3676637	0.45	cps
Thallium	205-1	8582503	8662550	8655921	8633658	0.51	cps
Tin	118-1	3236565	3377964	3286903	3300477	2.17	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:00:19	DataFile Name :	044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5757195	5869589	5812890	5813225	0.97	cps
Uranium	238-1	11511254	11652847	11900773	11688291	1.69	cps
Vanadium	51-2	920936	907428	917961	915442	0.78	cps
Ytterbium	172-1	275	350	383	336	16.51	cps
Ytterbium	172-2	122	89	111	107	15.80	cps
Ytterbium	176-1	2584	2617	2342	2514	5.97	cps
Ytterbium	176-2	1917	2089	2245	2084	7.87	cps
Yttrium	89-1	28890760	28910153	28992357	28931090	0.19	cps
Yttrium	89-2	2640546	2837739	2768906	2749064	3.64	cps
Zinc	66-2	1927987	1936252	1938985	1934408	0.30	cps
Zirconium	90-1	6758142	6777306	6845739	6793729	0.68	cps
Zirconium	91-1	1559186	1542435	1554312	1551977	0.56	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:03:20	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	681849	684488	681032	682456	0.26	cps
Antimony	121-1	3567656	3680643	3679733	3642677	1.78	cps
Arsenic	75-2	104020	103071	102526	103206	0.73	cps
Barium	135-1	4897500	4726156	4971811	4865156	2.59	cps
Barium	137-1	8191486	8135979	8386592	8238019	1.60	cps
Beryllium	9-1	1485418	1482271	1505720	1491137	0.85	cps
Bismuth	209-1	12311053	12276654	12220717	12269475	0.37	cps
Bismuth	209-2	5986388	5911425	5626221	5841345	3.25	cps
Boron	10-1	202678	209972	219028	210560	3.89	cps
Boron	11-1	890732	901332	988619	926894	5.80	cps
Bromine	81-1	49277	57064	59838	55393	9.88	cps
Cadmium	111-1	950644	934041	959038	947908	1.34	cps
Cadmium	106-1	121258	118120	121560	120313	1.58	cps
Cadmium	108-1	79796	80450	79708	79985	0.51	cps
Calcium	43-1	2237630	2256346	2350271	2281416	2.65	cps
Calcium	44-1	34745061	35770424	35824041	35446508	1.72	cps
Carbon	12-1	10459437	10911501	11503603	10958180	4.78	cps
Carbon	12-2	130534	133991	132874	132466	1.33	cps
Chlorine	35-1	1346869	1445192	1492554	1428205	5.20	cps
Chlorine	35-2	10412	11413	11497	11107	5.43	cps
Chromium	52-2	1152993	1159881	1145802	1152892	0.61	cps
Cobalt	59-2	2091341	2111178	2153169	2118563	1.49	cps
Copper	63-2	17069484	16600899	17007575	16892653	1.51	cps
Dysprosium	156-1	542	733	517	597	19.85	cps
Dysprosium	156-2	293	283	283	287	2.01	cps
Erbium	164-1	475	517	550	514	7.31	cps
Erbium	164-2	163	200	187	183	10.12	cps
Gadolinium	160-1	808	925	867	867	6.73	cps
Gadolinium	160-2	343	367	360	357	3.37	cps
Holmium	165-1	20622475	20390933	20503168	20505525	0.56	cps
Holmium	165-2	8870066	8639615	8121560	8543747	4.49	cps
Indium	115-1	16715436	17244827	16787198	16915820	1.70	cps
Indium	115-2	2328135	2306939	2160962	2265346	4.02	cps
Iron	54-2	2755871	2733093	2688944	2725969	1.25	cps
Iron	56-2	48812114	48409977	47916980	48379690	0.93	cps
Iron	57-2	1191437	1201281	1197565	1196761	0.42	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:03:20	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	533	583	553	557	4.52	cps
Lead	206-1	14704943	14586251	15233504	14841566	2.32	cps
Lead	207-1	13092926	13052373	13202386	13115895	0.59	cps
Lead	208-1	59928533	58904221	61065135	59965963	1.80	cps
Lithium	6-1	10263319	9964224	10128100	10118548	1.48	cps
Magnesium	24-2	12024134	11983983	11776246	11928121	1.12	cps
Manganese	55-2	6409446	6394706	6326692	6376948	0.69	cps
Molybdenum	94-1	13073937	12933591	12688694	12898741	1.51	cps
Molybdenum	95-1	18708020	18505558	18485613	18566397	0.66	cps
Molybdenum	96-1	20517081	20524743	20150842	20397555	1.05	cps
Molybdenum	97-1	11321840	11256329	11222316	11266828	0.45	cps
Molybdenum	98-1	29464815	29000576	29732649	29399346	1.26	cps
Neodymium	150-1	793	693	613	700	12.88	cps
Neodymium	150-2	140	130	97	122	18.56	cps
Nickel	60-2	557418	547835	549137	551463	0.94	cps
Phosphorus	31-2	1217	1183	1242	1214	2.41	cps
Potassium	39-2	3592777	3670427	3653498	3638901	1.12	cps
Rhodium	103-1	15738178	15552970	15725223	15672124	0.66	cps
Rhodium	103-2	7136646	7162393	6663808	6987616	4.02	cps
Scandium	45-1	12861774	13095761	12756977	12904837	1.34	cps
Scandium	45-2	414346	406205	391854	404135	2.82	cps
Selenium	82-1	74078	74382	74287	74249	0.21	cps
Selenium	77-2	1790	1947	1770	1836	5.27	cps
Selenium	78-2	6408	6650	6602	6554	1.96	cps
Silicon	28-1	28196868	28620145	28596159	28471058	0.84	cps
Silver	107-1	3386208	3631940	4146247	3721465	10.42	cps
Silver	109-1	3381801	4431813	3935303	3916306	13.41	cps
Sodium	23-2	32457128	32387955	32564969	32470017	0.27	cps
Strontium	86-1	13415320	13277667	13246197	13313061	0.68	cps
Strontium	88-1	115773311	115376707	116847778	115999265	0.66	cps
Sulfur	34-1	958060	969415	963837	963771	0.59	cps
Terbium	159-1	20639661	20685246	21191106	20838671	1.47	cps
Terbium	159-2	8388427	8357659	7955497	8233861	2.93	cps
Thallium	203-1	3548119	3606061	3622077	3592086	1.08	cps
Thallium	205-1	8477990	8388996	8614825	8493937	1.34	cps
Tin	118-1	3324044	3284858	3353862	3320921	1.04	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:03:20	DataFile Name :	045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5939555	6039520	5912622	5963899	1.12	cps
Uranium	238-1	11599009	11376338	11559349	11511566	1.03	cps
Vanadium	51-2	932978	931446	936566	933663	0.28	cps
Ytterbium	172-1	192	250	325	256	26.16	cps
Ytterbium	172-2	122	122	100	115	11.18	cps
Ytterbium	176-1	2475	2325	2459	2420	3.40	cps
Ytterbium	176-2	1928	2056	1939	1974	3.59	cps
Yttrium	89-1	28267619	28605160	27891722	28254833	1.26	cps
Yttrium	89-2	2896933	2841235	2738926	2825698	2.84	cps
Zinc	66-2	1935483	1897946	1963718	1932382	1.71	cps
Zirconium	90-1	6953387	6989655	6857475	6933505	0.99	cps
Zirconium	91-1	1564694	1558869	1534541	1552701	1.03	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:06:15	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	694249	698377	702933	698520	0.62	cps
Antimony	121-1	3616712	3632480	3641826	3630339	0.35	cps
Arsenic	75-2	104398	105480	105701	105193	0.66	cps
Barium	135-1	5014590	4845294	4850696	4903527	1.96	cps
Barium	137-1	8415771	8234310	8414179	8354753	1.25	cps
Beryllium	9-1	1503191	1529470	1510129	1514263	0.90	cps
Bismuth	209-1	13277260	12794527	12898994	12990260	1.96	cps
Bismuth	209-2	5754621	5966992	5718510	5813374	2.31	cps
Boron	10-1	209943	221861	233459	221754	5.30	cps
Boron	11-1	970169	988557	1006494	988406	1.84	cps
Bromine	81-1	55024	57767	61416	58069	5.52	cps
Cadmium	111-1	977088	955406	970497	967664	1.15	cps
Cadmium	106-1	123283	121786	124654	123241	1.16	cps
Cadmium	108-1	80529	81796	81678	81334	0.86	cps
Calcium	43-1	2337142	2355886	2280284	2324437	1.69	cps
Calcium	44-1	36611907	36795548	36462480	36623312	0.46	cps
Carbon	12-1	10618797	11293055	11644871	11185574	4.66	cps
Carbon	12-2	130713	134076	137127	133972	2.39	cps
Chlorine	35-1	1540897	1561558	1659169	1587208	3.98	cps
Chlorine	35-2	12447	12798	11972	12406	3.34	cps
Chromium	52-2	1182545	1166772	1185146	1178154	0.84	cps
Cobalt	59-2	2143423	2124295	2165508	2144408	0.96	cps
Copper	63-2	16980556	16983301	16955204	16973020	0.09	cps
Dysprosium	156-1	658	592	783	678	14.36	cps
Dysprosium	156-2	233	287	247	256	10.86	cps
Erbium	164-1	567	517	633	572	10.23	cps
Erbium	164-2	183	200	177	187	6.44	cps
Gadolinium	160-1	633	808	833	758	14.37	cps
Gadolinium	160-2	333	360	363	352	4.67	cps
Holmium	165-1	21643369	21521873	21280238	21481827	0.86	cps
Holmium	165-2	8239667	8759089	8611446	8536734	3.14	cps
Indium	115-1	17850593	17843431	17396329	17696784	1.47	cps
Indium	115-2	2253975	2345173	2278361	2292503	2.06	cps
Iron	54-2	2748684	2769926	2778570	2765727	0.56	cps
Iron	56-2	49607101	48262644	49784253	49217999	1.69	cps
Iron	57-2	1226173	1226657	1234083	1228971	0.36	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:06:15	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	533	540	480	518	6.35	cps
Lead	206-1	15557786	15206936	15332067	15365596	1.16	cps
Lead	207-1	13373187	13727521	13221130	13440613	1.93	cps
Lead	208-1	61854607	62266019	60478699	61533108	1.52	cps
Lithium	6-1	10294919	10886191	10550363	10577158	2.80	cps
Magnesium	24-2	12352314	12268208	12162664	12261062	0.78	cps
Manganese	55-2	6571399	6394848	6415655	6460634	1.49	cps
Molybdenum	94-1	12955479	13015744	13205713	13058979	1.00	cps
Molybdenum	95-1	18584678	18563444	18615497	18587873	0.14	cps
Molybdenum	96-1	20612808	20270950	20285401	20389720	0.95	cps
Molybdenum	97-1	11481129	11316766	11329123	11375673	0.80	cps
Molybdenum	98-1	29801330	29623066	29527973	29650790	0.47	cps
Neodymium	150-1	720	607	747	691	10.76	cps
Neodymium	150-2	107	113	143	121	16.13	cps
Nickel	60-2	555585	560528	561726	559280	0.58	cps
Phosphorus	31-2	1550	1525	1225	1433	12.62	cps
Potassium	39-2	3634199	3742842	3808572	3728538	2.36	cps
Rhodium	103-1	16344932	16266251	16228494	16279892	0.36	cps
Rhodium	103-2	6974448	7189750	6944500	7036233	1.90	cps
Scandium	45-1	13795784	13409815	13260177	13488592	2.05	cps
Scandium	45-2	402590	427634	408870	413031	3.15	cps
Selenium	82-1	75401	75857	76231	75830	0.55	cps
Selenium	77-2	2004	1993	1957	1985	1.24	cps
Selenium	78-2	6682	6523	6695	6634	1.44	cps
Silicon	28-1	29398575	28368018	29971891	29246161	2.78	cps
Silver	107-1	4139092	3766426	4630889	4178802	10.38	cps
Silver	109-1	4005995	3721793	3582220	3770003	5.73	cps
Sodium	23-2	33421314	33392024	33178002	33330447	0.40	cps
Strontium	86-1	13756524	13427979	13542701	13575735	1.23	cps
Strontium	88-1	115947928	116691598	116577707	116405744	0.34	cps
Sulfur	34-1	967298	962550	977950	969266	0.81	cps
Terbium	159-1	22624314	22334684	22258872	22405957	0.86	cps
Terbium	159-2	7967669	8539798	8203751	8237073	3.49	cps
Thallium	203-1	3730627	3572316	3647968	3650304	2.17	cps
Thallium	205-1	8745375	8314601	8588481	8549486	2.55	cps
Tin	118-1	3379275	3340840	3308523	3342880	1.06	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3774-01A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:06:15	DataFile Name :	046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5939115	5975397	5927937	5947483	0.42	cps
Uranium	238-1	11524199	11649199	11581256	11584885	0.54	cps
Vanadium	51-2	954335	951661	958276	954757	0.35	cps
Ytterbium	172-1	250	292	292	278	8.66	cps
Ytterbium	172-2	122	122	156	133	14.44	cps
Ytterbium	176-1	2500	2650	2600	2584	2.96	cps
Ytterbium	176-2	1467	1878	1656	1667	12.35	cps
Yttrium	89-1	29514102	29663048	29912287	29696479	0.68	cps
Yttrium	89-2	2821875	2924816	2897350	2881347	1.85	cps
Zinc	66-2	1989972	1958223	1929608	1959268	1.54	cps
Zirconium	90-1	6886014	7002531	7146668	7011737	1.86	cps
Zirconium	91-1	1551849	1571547	1616831	1580076	2.11	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:24:53	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3616368	3525844	3581374	3574529	1.28	cps
Antimony	121-1	3673783	3789394	3813266	3758814	1.98	cps
Arsenic	75-2	114934	114289	116088	115104	0.79	cps
Barium	135-1	4665069	4697184	4864220	4742157	2.25	cps
Barium	137-1	8151601	8042913	8168447	8120987	0.84	cps
Beryllium	9-1	1590035	1636178	1605165	1610459	1.46	cps
Bismuth	209-1	13204612	12144317	12191127	12513352	4.79	cps
Bismuth	209-2	5735561	5929698	5541364	5735541	3.39	cps
Boron	10-1	192620	204240	209131	201997	4.20	cps
Boron	11-1	887703	875374	907470	890182	1.82	cps
Bromine	81-1	6969	6899	6949	6939	0.52	cps
Cadmium	111-1	1036083	1072899	1053949	1054310	1.75	cps
Cadmium	106-1	132342	135159	133232	133578	1.08	cps
Cadmium	108-1	84033	85145	86418	85199	1.40	cps
Calcium	43-1	7720008	7932454	7840415	7830959	1.36	cps
Calcium	44-1	125372256	126563572	125359690	125765173	0.55	cps
Carbon	12-1	7232781	7417161	7489523	7379822	1.79	cps
Carbon	12-2	88584	85951	86898	87144	1.53	cps
Chlorine	35-1	368194	366278	366353	366941	0.30	cps
Chlorine	35-2	2334	2517	2284	2378	5.17	cps
Chromium	52-2	1261784	1248081	1269502	1259789	0.86	cps
Cobalt	59-2	2240303	2268698	2278229	2262410	0.87	cps
Copper	63-2	16763204	16785202	17032561	16860322	0.89	cps
Dysprosium	156-1	742	775	783	767	2.88	cps
Dysprosium	156-2	377	327	303	336	11.17	cps
Erbium	164-1	292	250	217	253	14.86	cps
Erbium	164-2	110	90	127	109	16.86	cps
Gadolinium	160-1	983	1017	892	964	6.72	cps
Gadolinium	160-2	450	437	443	443	1.50	cps
Holmium	165-1	23053857	22264577	20885309	22067914	4.97	cps
Holmium	165-2	8889314	9107538	8683448	8893433	2.38	cps
Indium	115-1	18823002	17524500	17523914	17957139	4.18	cps
Indium	115-2	2430065	2444045	2287907	2387339	3.62	cps
Iron	54-2	13842987	13637690	13638426	13706368	0.86	cps
Iron	56-2	249702861	246624689	246773228	247700259	0.70	cps
Iron	57-2	6217375	6111197	6253998	6194190	1.20	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:24:53	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	603	610	624	4.96	cps
Lead	206-1	14788244	15049017	15051422	14962895	1.01	cps
Lead	207-1	12422277	12949318	12993939	12788511	2.49	cps
Lead	208-1	57825662	59149858	59804728	58926749	1.71	cps
Lithium	6-1	11318427	10484199	10569622	10790749	4.25	cps
Magnesium	24-2	54205930	54210676	54839426	54418678	0.67	cps
Manganese	55-2	6476701	6410884	6369981	6419189	0.84	cps
Molybdenum	94-1	8561827	8619351	8783529	8654903	1.33	cps
Molybdenum	95-1	10392677	10700470	10713971	10602373	1.71	cps
Molybdenum	96-1	11757687	12095106	11701537	11851443	1.80	cps
Molybdenum	97-1	6334434	6503935	6450828	6429732	1.35	cps
Molybdenum	98-1	16707414	17098719	16680076	16828736	1.39	cps
Neodymium	150-1	280	360	260	300	17.64	cps
Neodymium	150-2	43	43	37	41	9.35	cps
Nickel	60-2	578644	572096	577897	576212	0.62	cps
Phosphorus	31-2	36939	36772	35778	36497	1.72	cps
Potassium	39-2	17442055	17085517	18014544	17514038	2.68	cps
Rhodium	103-1	17469180	16133912	15430301	16344464	6.34	cps
Rhodium	103-2	7085556	7426388	6926682	7146209	3.57	cps
Scandium	45-1	15057140	13660391	13736193	14151241	5.55	cps
Scandium	45-2	438214	449048	426246	437836	2.61	cps
Selenium	82-1	81119	82599	82662	82127	1.06	cps
Selenium	77-2	2180	2050	2194	2141	3.70	cps
Selenium	78-2	7576	7279	7634	7496	2.54	cps
Silicon	28-1	3842516	3941477	3964105	3916033	1.65	cps
Silver	107-1	5075046	5099312	5117745	5097368	0.42	cps
Silver	109-1	4757387	4868930	4782296	4802871	1.22	cps
Sodium	23-2	107393529	105094348	108016169	106834682	1.44	cps
Strontium	86-1	13933186	14053992	14048791	14011990	0.49	cps
Strontium	88-1	117452557	119354349	120292828	119033244	1.22	cps
Sulfur	34-1	961747	952626	958955	957776	0.49	cps
Terbium	159-1	23303919	21852469	20809943	21988777	5.70	cps
Terbium	159-2	8680148	8505947	8357860	8514652	1.89	cps
Thallium	203-1	3603886	3661982	3721348	3662405	1.60	cps
Thallium	205-1	8497647	8560298	8741006	8599650	1.47	cps
Tin	118-1	3304905	3337956	3445273	3362711	2.18	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:24:53	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3523180	3535128	3628081	3562130	1.61	cps
Uranium	238-1	11393324	11477880	11508504	11459903	0.52	cps
Vanadium	51-2	1014065	1024448	1031302	1023272	0.85	cps
Ytterbium	172-1	75	75	83	78	6.19	cps
Ytterbium	172-2	72	56	39	56	30.00	cps
Ytterbium	176-1	17412	17846	17921	17726	1.55	cps
Ytterbium	176-2	7958	8014	8508	8160	3.71	cps
Yttrium	89-1	32261333	30064355	29915345	30747011	4.27	cps
Yttrium	89-2	3111522	3122458	2934571	3056184	3.45	cps
Zinc	66-2	1940645	1934630	1950421	1941899	0.41	cps
Zirconium	90-1	7378006	7639562	7608347	7541971	1.89	cps
Zirconium	91-1	1657426	1708473	1724269	1696723	2.06	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P8
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 12:29:14 DataFile Name : 051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	145	141	125	137	7.75	cps
Antimony	121-1	1167	1308	1667	1381	18.67	cps
Arsenic	75-2	13	11	9	11	18.18	cps
Barium	135-1	300	300	217	272	17.67	cps
Barium	137-1	400	508	375	428	16.57	cps
Beryllium	9-1	152	180	174	169	8.74	cps
Bismuth	209-1	13154989	13355497	13275657	13262048	0.76	cps
Bismuth	209-2	6478758	5993996	6254088	6242281	3.89	cps
Boron	10-1	18568	17949	16794	17771	5.07	cps
Boron	11-1	85898	80827	76225	80984	5.97	cps
Bromine	81-1	7269	7350	7520	7380	1.73	cps
Cadmium	111-1	1794	1764	1902	1820	4.00	cps
Cadmium	106-1	8670	8745	9470	8962	4.93	cps
Cadmium	108-1	104	92	83	93	11.27	cps
Calcium	43-1	500	526	457	495	7.02	cps
Calcium	44-1	21998	21831	21706	21845	0.67	cps
Carbon	12-1	5215935	5273510	5342903	5277449	1.20	cps
Carbon	12-2	55497	55598	54736	55277	0.85	cps
Chlorine	35-1	312787	306172	308645	309201	1.08	cps
Chlorine	35-2	2100	2067	2059	2075	1.06	cps
Chromium	52-2	877	740	790	802	8.62	cps
Cobalt	59-2	90	127	177	131	33.18	cps
Copper	63-2	1770	1813	1717	1767	2.74	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	83	200	208	164	42.64	cps
Erbium	164-2	43	47	60	50	17.64	cps
Gadolinium	160-1	158	183	142	161	13.02	cps
Gadolinium	160-2	53	27	30	37	39.62	cps
Holmium	165-1	21229248	21959327	21678351	21622309	1.70	cps
Holmium	165-2	9217573	8590443	8870159	8892725	3.53	cps
Indium	115-1	18292138	18873063	18625867	18597023	1.57	cps
Indium	115-2	2587342	2368749	2449682	2468591	4.48	cps
Iron	54-2	489	517	472	493	4.56	cps
Iron	56-2	5523	5579	5790	5631	2.50	cps
Iron	57-2	194	161	144	167	15.27	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:29:14	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	537	597	533	556	6.42	cps
Lead	206-1	2473	2489	2422	2461	1.41	cps
Lead	207-1	2350	2200	2328	2293	3.53	cps
Lead	208-1	10257	10524	10263	10348	1.47	cps
Lithium	6-1	11335755	11494489	11325458	11385234	0.83	cps
Magnesium	24-2	975	1183	1067	1075	9.71	cps
Manganese	55-2	227	210	267	234	12.42	cps
Molybdenum	94-1	1150	1058	1058	1089	4.86	cps
Molybdenum	95-1	1042	867	950	953	9.19	cps
Molybdenum	96-1	1275	1133	1083	1164	8.54	cps
Molybdenum	97-1	700	592	558	617	12.01	cps
Molybdenum	98-1	1558	1475	1233	1422	11.87	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	47	53	33	44	22.92	cps
Phosphorus	31-2	83	75	108	89	19.52	cps
Potassium	39-2	14967	15317	14558	14947	2.54	cps
Rhodium	103-1	17358372	18080656	17645437	17694822	2.06	cps
Rhodium	103-2	8128355	7410425	7693516	7744099	4.67	cps
Scandium	45-1	13727463	14256305	14164294	14049354	2.01	cps
Scandium	45-2	440329	414442	431633	428801	3.07	cps
Selenium	82-1	31	-88	55	0	-17060.63	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	28	18	20	22	24.05	cps
Silicon	28-1	327902	322505	320802	323737	1.15	cps
Silver	107-1	867	975	783	875	10.98	cps
Silver	109-1	850	717	675	747	12.23	cps
Sodium	23-2	32403	31701	32186	32097	1.12	cps
Strontium	86-1	1358	1075	1050	1161	14.75	cps
Strontium	88-1	3109	2550	2700	2786	10.37	cps
Sulfur	34-1	488649	492340	494191	491727	0.57	cps
Terbium	159-1	21475278	22419163	23022630	22305690	3.50	cps
Terbium	159-2	8786701	8181999	8426110	8464936	3.59	cps
Thallium	203-1	1375	1392	1308	1358	3.25	cps
Thallium	205-1	3376	3551	3234	3387	4.69	cps
Tin	118-1	1125	1042	1192	1120	6.71	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:29:14	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	300	333	275	26.94	cps
Uranium	238-1	167	225	267	219	22.89	cps
Vanadium	51-2	43	23	20	29	43.68	cps
Ytterbium	172-1	92	33	42	56	56.79	cps
Ytterbium	172-2	28	56	22	35	50.76	cps
Ytterbium	176-1	2267	2075	2334	2225	6.03	cps
Ytterbium	176-2	1767	1728	1500	1665	8.65	cps
Yttrium	89-1	30413066	30875195	30834144	30707468	0.83	cps
Yttrium	89-2	3140686	2905074	2965350	3003703	4.07	cps
Zinc	66-2	367	347	343	352	3.58	cps
Zirconium	90-1	1725	1934	2100	1920	9.79	cps
Zirconium	91-1	342	300	400	347	14.47	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : PB139162BL Instrumnet Name : P8
 Client Sample ID : PB139162BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 12:35:19 DataFile Name : 053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	84	81	72	79	7.46	cps
Antimony	121-1	308	442	592	447	31.69	cps
Arsenic	75-2	7	5	8	7	22.91	cps
Barium	135-1	167	175	183	175	4.76	cps
Barium	137-1	225	208	208	214	4.50	cps
Beryllium	9-1	144	86	100	110	27.51	cps
Bismuth	209-1	13330694	13793042	14010926	13711554	2.53	cps
Bismuth	209-2	5608816	6401313	6436162	6148764	7.61	cps
Boron	10-1	9635	8997	8983	9205	4.05	cps
Boron	11-1	43337	42637	41322	42432	2.41	cps
Bromine	81-1	6959	6819	6598	6792	2.68	cps
Cadmium	111-1	1896	1879	1897	1890	0.54	cps
Cadmium	106-1	9362	9345	9387	9365	0.22	cps
Cadmium	108-1	38	46	50	44	14.32	cps
Calcium	43-1	314	354	386	351	10.34	cps
Calcium	44-1	19158	19263	19353	19258	0.51	cps
Carbon	12-1	4957989	4810466	5033508	4933988	2.30	cps
Carbon	12-2	52779	53130	53774	53228	0.95	cps
Chlorine	35-1	281441	278952	277737	279377	0.68	cps
Chlorine	35-2	1750	1658	1567	1658	5.53	cps
Chromium	52-2	713	680	710	701	2.62	cps
Cobalt	59-2	90	87	110	96	13.21	cps
Copper	63-2	1133	1087	1057	1092	3.54	cps
Dysprosium	156-1	50	8	17	25	88.19	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	150	125	117	131	13.29	cps
Erbium	164-2	33	37	30	33	10.01	cps
Gadolinium	160-1	200	192	192	194	2.48	cps
Gadolinium	160-2	43	67	50	53	22.54	cps
Holmium	165-1	21431181	22081944	22528894	22014006	2.51	cps
Holmium	165-2	7777231	9024194	8918351	8573258	8.06	cps
Indium	115-1	18639926	18924959	19468980	19011288	2.22	cps
Indium	115-2	2186966	2498159	2522488	2402538	7.79	cps
Iron	54-2	428	361	356	381	10.53	cps
Iron	56-2	2561	2428	2634	2541	4.10	cps
Iron	57-2	56	56	50	54	5.98	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BL	Instrumnet Name :	P8
Client Sample ID :	PB139162BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:35:19	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	500	543	593	546	8.56	cps
Lead	206-1	1561	1822	1934	1772	10.78	cps
Lead	207-1	1728	1506	1611	1615	6.88	cps
Lead	208-1	7073	6951	7273	7099	2.29	cps
Lithium	6-1	10868309	11418873	11323466	11203549	2.63	cps
Magnesium	24-2	300	417	375	364	16.25	cps
Manganese	55-2	137	173	110	140	22.71	cps
Molybdenum	94-1	683	742	725	717	4.19	cps
Molybdenum	95-1	292	317	267	292	8.57	cps
Molybdenum	96-1	292	325	342	319	7.97	cps
Molybdenum	97-1	233	125	83	147	52.59	cps
Molybdenum	98-1	375	483	283	381	26.31	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	40	30	30	33	17.32	cps
Phosphorus	31-2	83	67	125	92	32.77	cps
Potassium	39-2	13432	13582	14141	13718	2.72	cps
Rhodium	103-1	17811563	17748474	17442975	17667671	1.12	cps
Rhodium	103-2	6830855	7822301	7798515	7483890	7.56	cps
Scandium	45-1	14435542	14400680	14113375	14316533	1.23	cps
Scandium	45-2	384627	434381	430598	416536	6.65	cps
Selenium	82-1	53	17	-5	22	134.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	32	24	24	27	17.32	cps
Silicon	28-1	304286	303323	305964	304524	0.44	cps
Silver	107-1	458	333	517	436	21.48	cps
Silver	109-1	408	317	342	356	13.33	cps
Sodium	23-2	25640	25974	26366	25993	1.40	cps
Strontium	86-1	850	942	1000	931	8.13	cps
Strontium	88-1	858	725	783	789	8.47	cps
Sulfur	34-1	515066	506823	511689	511193	0.81	cps
Terbium	159-1	22317585	22765874	21983077	22355512	1.76	cps
Terbium	159-2	7688740	8720404	8730623	8379923	7.14	cps
Thallium	203-1	900	1058	1183	1047	13.56	cps
Thallium	205-1	2284	2167	2317	2256	3.49	cps
Tin	118-1	1050	8347	917	3438	123.68	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BL	Instrumnet Name :	P8
Client Sample ID :	PB139162BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:35:19	DataFile Name :	053CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	117	158	158	26.32	cps
Uranium	238-1	67	83	67	72	13.33	cps
Vanadium	51-2	17	23	3	14	70.51	cps
Ytterbium	172-1	83	42	58	61	34.32	cps
Ytterbium	172-2	28	22	56	35	50.76	cps
Ytterbium	176-1	2509	2267	2209	2328	6.83	cps
Ytterbium	176-2	1339	1561	1600	1500	9.39	cps
Yttrium	89-1	30849223	31380165	30977692	31069027	0.89	cps
Yttrium	89-2	2704235	3054758	3021149	2926714	6.61	cps
Zinc	66-2	247	267	233	249	6.74	cps
Zirconium	90-1	1825	1683	1683	1731	4.73	cps
Zirconium	91-1	383	233	367	328	25.08	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BS	Instrumnet Name :	P8
Client Sample ID :	PB139162BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:38:22	DataFile Name :	054LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	748029	752025	743507	747853	0.57	cps
Antimony	121-1	3881608	4033674	3997079	3970787	2.00	cps
Arsenic	75-2	113813	112575	113337	113242	0.55	cps
Barium	135-1	4899407	4846018	4888973	4878132	0.58	cps
Barium	137-1	8452227	8380224	8412290	8414914	0.43	cps
Beryllium	9-1	1663946	1677378	1709668	1683664	1.40	cps
Bismuth	209-1	12857207	12872549	13171894	12967217	1.37	cps
Bismuth	209-2	5991887	6054905	6184053	6076949	1.61	cps
Boron	10-1	171805	181347	193576	182243	5.99	cps
Boron	11-1	806244	846623	880740	844536	4.42	cps
Bromine	81-1	6378	6969	6478	6608	4.79	cps
Cadmium	111-1	1058249	1070796	1046761	1058602	1.14	cps
Cadmium	106-1	131677	133898	133200	132925	0.85	cps
Cadmium	108-1	85832	85161	85413	85469	0.40	cps
Calcium	43-1	1776331	1775727	1737306	1763122	1.27	cps
Calcium	44-1	27304352	27393564	26787433	27161783	1.20	cps
Carbon	12-1	6862419	7095881	7333768	7097356	3.32	cps
Carbon	12-2	81376	83806	82356	82513	1.48	cps
Chlorine	35-1	290940	290633	288449	290007	0.47	cps
Chlorine	35-2	1667	1884	1884	1811	6.91	cps
Chromium	52-2	1285397	1281403	1309850	1292217	1.19	cps
Cobalt	59-2	2378017	2384607	2331005	2364543	1.24	cps
Copper	63-2	17230277	17129151	17421026	17260152	0.86	cps
Dysprosium	156-1	258	267	275	267	3.13	cps
Dysprosium	156-2	110	73	107	97	20.98	cps
Erbium	164-1	233	167	158	186	22.09	cps
Erbium	164-2	93	77	80	83	10.58	cps
Gadolinium	160-1	283	350	408	347	18.01	cps
Gadolinium	160-2	107	163	143	138	20.86	cps
Holmium	165-1	21447677	21075882	21450752	21324770	1.01	cps
Holmium	165-2	8943805	8723051	8815058	8827305	1.26	cps
Indium	115-1	17207779	18367854	17925350	17833661	3.28	cps
Indium	115-2	2419100	2343441	2460479	2407674	2.47	cps
Iron	54-2	2971014	2915739	2931603	2939452	0.97	cps
Iron	56-2	51457491	51223771	51003279	51228180	0.44	cps
Iron	57-2	1271575	1280341	1268694	1273537	0.48	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BS	Instrumnet Name :	P8
Client Sample ID :	PB139162BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:38:22	DataFile Name :	054LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	617	607	560	594	5.09	cps
Lead	206-1	16046605	15946234	15490104	15827648	1.87	cps
Lead	207-1	13923158	13980079	13482254	13795164	1.98	cps
Lead	208-1	64440721	63407911	61623404	63157345	2.26	cps
Lithium	6-1	10549654	10850062	10841695	10747137	1.59	cps
Magnesium	24-2	11415985	11519132	11453413	11462843	0.46	cps
Manganese	55-2	6245455	6163807	6257130	6222131	0.82	cps
Molybdenum	94-1	8879414	8865889	8713707	8819670	1.04	cps
Molybdenum	95-1	10794363	10850283	10914161	10852935	0.55	cps
Molybdenum	96-1	12123651	12079667	12077010	12093443	0.22	cps
Molybdenum	97-1	6669178	6626059	6621833	6639023	0.39	cps
Molybdenum	98-1	17256384	17319719	17522364	17366156	0.80	cps
Neodymium	150-1	367	380	273	340	17.09	cps
Neodymium	150-2	33	30	33	32	5.97	cps
Nickel	60-2	617657	613328	617423	616136	0.40	cps
Phosphorus	31-2	38769	38285	37800	38285	1.27	cps
Potassium	39-2	3581509	3571150	3625897	3592852	0.81	cps
Rhodium	103-1	16421508	16511571	17211690	16714923	2.59	cps
Rhodium	103-2	7443470	7275811	7502892	7407391	1.59	cps
Scandium	45-1	13884076	14017392	14335054	14078841	1.65	cps
Scandium	45-2	431146	433920	440927	435331	1.16	cps
Selenium	82-1	83845	83589	84509	83981	0.57	cps
Selenium	77-2	2197	2124	2204	2175	2.04	cps
Selenium	78-2	7536	7536	7382	7484	1.19	cps
Silicon	28-1	3740848	3842236	3981361	3854815	3.13	cps
Silver	107-1	5363045	5502480	5478917	5448147	1.37	cps
Silver	109-1	5313076	5145707	5259833	5239539	1.63	cps
Sodium	23-2	22057564	21574008	21682706	21771426	1.17	cps
Strontium	86-1	14468700	14312892	14625195	14468929	1.08	cps
Strontium	88-1	122413490	123826057	124810990	123683512	0.97	cps
Sulfur	34-1	995179	979290	993319	989262	0.88	cps
Terbium	159-1	21570836	21734735	22211909	21839160	1.53	cps
Terbium	159-2	8664527	8383536	8642173	8563412	1.82	cps
Thallium	203-1	3978968	3989536	3808473	3925659	2.59	cps
Thallium	205-1	9193124	9310588	9011016	9171576	1.65	cps
Tin	118-1	3426956	3580781	3493757	3500498	2.20	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139162BS	Instrumnet Name :	P8
Client Sample ID :	PB139162BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:38:22	DataFile Name :	054LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3639162	3724747	3653433	3672447	1.25	cps
Uranium	238-1	11941479	11913119	11846204	11900267	0.41	cps
Vanadium	51-2	1035270	1029683	1038156	1034370	0.42	cps
Ytterbium	172-1	42	42	58	47	20.37	cps
Ytterbium	172-2	11	22	33	22	50.00	cps
Ytterbium	176-1	17612	17929	18931	18157	3.79	cps
Ytterbium	176-2	7697	7975	8075	7915	2.47	cps
Yttrium	89-1	29823147	29604955	30713899	30047334	1.96	cps
Yttrium	89-2	2963685	3020699	3037961	3007449	1.29	cps
Zinc	66-2	1987793	2017864	2034542	2013400	1.18	cps
Zirconium	90-1	7605116	7592873	7505894	7567961	0.71	cps
Zirconium	91-1	1716521	1724817	1714138	1718492	0.33	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCV44 Instrumnet Name : P8
 Client Sample ID : CCV44 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 12:47:35 DataFile Name : 056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3612979	3599342	3548532	3586951	0.95	cps
Antimony	121-1	3771666	3780259	3767693	3773206	0.17	cps
Arsenic	75-2	114676	115752	116729	115719	0.89	cps
Barium	135-1	4781964	4814944	4859135	4818681	0.80	cps
Barium	137-1	8149397	7921911	8291182	8120830	2.29	cps
Beryllium	9-1	1510978	1547071	1593342	1550463	2.66	cps
Bismuth	209-1	12424489	11981472	12032913	12146291	1.99	cps
Bismuth	209-2	6023642	5913318	5593185	5843382	3.83	cps
Boron	10-1	179326	188911	195019	187752	4.21	cps
Boron	11-1	831573	876109	888738	865473	3.47	cps
Bromine	81-1	6949	6789	7009	6916	1.65	cps
Cadmium	111-1	1051452	1042177	1056350	1049993	0.69	cps
Cadmium	106-1	129278	131255	132291	130941	1.17	cps
Cadmium	108-1	82797	83933	85287	84006	1.48	cps
Calcium	43-1	7626781	7725414	7935066	7762420	2.03	cps
Calcium	44-1	127403405	125698080	125125530	126075672	0.94	cps
Carbon	12-1	6733914	6937767	7258510	6976730	3.79	cps
Carbon	12-2	85365	84545	84275	84728	0.67	cps
Chlorine	35-1	259876	260208	262254	260779	0.49	cps
Chlorine	35-2	1433	1742	1842	1672	12.73	cps
Chromium	52-2	1259082	1264944	1254394	1259473	0.42	cps
Cobalt	59-2	2206275	2245386	2226147	2225936	0.88	cps
Copper	63-2	16694258	16744509	16851924	16763564	0.48	cps
Dysprosium	156-1	800	775	850	808	4.72	cps
Dysprosium	156-2	330	350	313	331	5.54	cps
Erbium	164-1	308	283	283	292	4.95	cps
Erbium	164-2	100	83	97	93	9.45	cps
Gadolinium	160-1	933	1125	867	975	13.76	cps
Gadolinium	160-2	460	460	457	459	0.42	cps
Holmium	165-1	21593845	20911627	21019556	21175009	1.73	cps
Holmium	165-2	9297795	9091855	8620201	9003284	3.86	cps
Indium	115-1	18234683	16844574	17255655	17444971	4.09	cps
Indium	115-2	2511340	2400502	2367872	2426571	3.10	cps
Iron	54-2	13646398	13558660	13813821	13672960	0.95	cps
Iron	56-2	238311566	242253994	249257072	243274211	2.28	cps
Iron	57-2	6219992	6280689	6233240	6244640	0.51	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:47:35	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	530	567	580	559	4.63	cps
Lead	206-1	14301413	14497982	15211288	14670228	3.26	cps
Lead	207-1	12349323	12380800	13181421	12637181	3.73	cps
Lead	208-1	57287025	57329827	60069584	58228812	2.74	cps
Lithium	6-1	10888809	10302931	10151616	10447785	3.73	cps
Magnesium	24-2	55767308	54581737	54404847	54917964	1.35	cps
Manganese	55-2	6408072	6347547	6487571	6414396	1.09	cps
Molybdenum	94-1	8489439	8736981	8729797	8652072	1.63	cps
Molybdenum	95-1	10359811	10651316	10794314	10601814	2.09	cps
Molybdenum	96-1	11629656	11664422	12023533	11772537	1.85	cps
Molybdenum	97-1	6335714	6454573	6605651	6465313	2.09	cps
Molybdenum	98-1	16288462	16681488	17189393	16719781	2.70	cps
Neodymium	150-1	207	320	320	282	23.19	cps
Neodymium	150-2	30	33	50	38	28.37	cps
Nickel	60-2	599181	606055	608834	604690	0.82	cps
Phosphorus	31-2	37065	37934	36656	37218	1.75	cps
Potassium	39-2	17516938	17637359	17704196	17619498	0.54	cps
Rhodium	103-1	16511023	15570907	15924603	16002178	2.97	cps
Rhodium	103-2	7473435	7231931	7003677	7236348	3.25	cps
Scandium	45-1	14356471	13197933	13849944	13801449	4.21	cps
Scandium	45-2	455465	441348	423294	440036	3.66	cps
Selenium	82-1	80487	82242	82766	81831	1.46	cps
Selenium	77-2	2260	2044	2247	2184	5.56	cps
Selenium	78-2	7495	7278	7517	7430	1.78	cps
Silicon	28-1	3711519	3796919	3945791	3818076	3.11	cps
Silver	107-1	4885136	5022285	4976617	4961346	1.41	cps
Silver	109-1	4830535	4873001	4790455	4831330	0.85	cps
Sodium	23-2	104619950	105145129	105097590	104954223	0.28	cps
Strontium	86-1	13638907	13692048	14279754	13870237	2.56	cps
Strontium	88-1	117895744	122562186	122898307	121118746	2.31	cps
Sulfur	34-1	952375	954511	979496	962127	1.57	cps
Terbium	159-1	22643896	21208113	22009043	21953684	3.28	cps
Terbium	159-2	8933675	8859933	8373882	8722497	3.49	cps
Thallium	203-1	3617727	3638151	3755863	3670580	2.03	cps
Thallium	205-1	8464215	8442661	8817107	8574661	2.45	cps
Tin	118-1	3330598	3385462	3377090	3364384	0.88	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P8
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:47:35	DataFile Name :	056CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3485881	3485358	3602303	3524514	1.91	cps
Uranium	238-1	11567263	11647422	11384681	11533122	1.17	cps
Vanadium	51-2	1016838	1014694	1025950	1019161	0.59	cps
Ytterbium	172-1	83	67	67	72	13.33	cps
Ytterbium	172-2	17	28	44	30	47.18	cps
Ytterbium	176-1	17888	17479	17587	17651	1.20	cps
Ytterbium	176-2	7975	8408	7836	8073	3.70	cps
Yttrium	89-1	31398540	30321308	30167561	30629136	2.19	cps
Yttrium	89-2	3196585	3104497	2991601	3097561	3.31	cps
Zinc	66-2	1927101	1894590	1977057	1932916	2.15	cps
Zirconium	90-1	7526356	7764060	7795735	7695384	1.91	cps
Zirconium	91-1	1685174	1754034	1734478	1724562	2.06	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P8
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 12:54:53 DataFile Name : 057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	144	136	115	132	11.32	cps
Antimony	121-1	617	775	958	783	21.83	cps
Arsenic	75-2	5	7	5	6	20.38	cps
Barium	135-1	192	250	250	231	14.61	cps
Barium	137-1	258	400	408	356	23.71	cps
Beryllium	9-1	112	106	140	119	15.21	cps
Bismuth	209-1	14012997	13637252	13393316	13681188	2.28	cps
Bismuth	209-2	6731458	6238043	6094997	6354833	5.25	cps
Boron	10-1	9903	9713	9197	9605	3.81	cps
Boron	11-1	44199	42068	41594	42621	3.26	cps
Bromine	81-1	6809	6869	7350	7009	4.23	cps
Cadmium	111-1	1819	1876	1708	1801	4.74	cps
Cadmium	106-1	9195	9062	8653	8970	3.15	cps
Cadmium	108-1	100	46	92	79	36.85	cps
Calcium	43-1	432	440	407	427	3.99	cps
Calcium	44-1	20317	20478	20318	20371	0.46	cps
Carbon	12-1	4993666	4921450	4859011	4924709	1.37	cps
Carbon	12-2	54393	54168	51516	53359	3.00	cps
Chlorine	35-1	230455	226375	224741	227190	1.30	cps
Chlorine	35-2	1567	1467	1425	1486	4.90	cps
Chromium	52-2	863	717	700	760	11.83	cps
Cobalt	59-2	137	137	83	119	25.90	cps
Copper	63-2	1270	1300	1313	1295	1.71	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	200	158	108	156	29.50	cps
Erbium	164-2	43	37	47	42	12.06	cps
Gadolinium	160-1	167	192	158	172	10.07	cps
Gadolinium	160-2	47	33	87	56	49.96	cps
Holmium	165-1	22700693	21478734	21415462	21864963	3.31	cps
Holmium	165-2	9470098	8821024	8568370	8953164	5.20	cps
Indium	115-1	18998525	19062656	17896082	18652421	3.52	cps
Indium	115-2	2667221	2546441	2443268	2552310	4.39	cps
Iron	54-2	400	417	394	404	2.86	cps
Iron	56-2	3739	4167	3651	3852	7.17	cps
Iron	57-2	128	111	117	119	7.16	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:54:53	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	537	550	613	567	7.23	cps
Lead	206-1	2034	2122	2156	2104	3.00	cps
Lead	207-1	1995	1950	1806	1917	5.15	cps
Lead	208-1	8073	8612	8440	8375	3.29	cps
Lithium	6-1	11905150	11220578	11291678	11472468	3.28	cps
Magnesium	24-2	700	583	683	656	9.63	cps
Manganese	55-2	180	193	210	194	7.73	cps
Molybdenum	94-1	1075	958	767	933	16.68	cps
Molybdenum	95-1	375	408	367	383	5.75	cps
Molybdenum	96-1	625	592	508	575	10.45	cps
Molybdenum	97-1	275	275	300	283	5.09	cps
Molybdenum	98-1	642	608	542	597	8.53	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	53	53	43	50	11.55	cps
Phosphorus	31-2	150	58	100	103	44.66	cps
Potassium	39-2	14533	14257	13924	14238	2.14	cps
Rhodium	103-1	18355090	18097464	16934843	17795799	4.25	cps
Rhodium	103-2	8163238	7618393	7496872	7759501	4.57	cps
Scandium	45-1	14584969	14422251	14303770	14436997	0.98	cps
Scandium	45-2	460815	433332	422920	439022	4.46	cps
Selenium	82-1	0	31	-57	-9	-511.02	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	21	24	29	25	16.38	cps
Silicon	28-1	310832	305782	303907	306840	1.17	cps
Silver	107-1	533	483	383	467	16.37	cps
Silver	109-1	258	400	383	347	22.30	cps
Sodium	23-2	28094	28145	28270	28169	0.32	cps
Strontium	86-1	900	1042	1108	1017	10.47	cps
Strontium	88-1	1608	1642	1508	1586	4.37	cps
Sulfur	34-1	496691	500039	500422	499051	0.41	cps
Terbium	159-1	22777480	22617931	22070947	22488786	1.65	cps
Terbium	159-2	9275763	8661261	8297676	8744900	5.65	cps
Thallium	203-1	1033	1167	1150	1117	6.51	cps
Thallium	205-1	2750	3025	2759	2845	5.50	cps
Tin	118-1	967	850	1083	967	12.07	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P8
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 12:54:53	DataFile Name :	057CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	158	150	172	18.32	cps
Uranium	238-1	83	100	83	89	10.82	cps
Vanadium	51-2	20	17	10	16	32.73	cps
Ytterbium	172-1	50	42	58	50	16.67	cps
Ytterbium	172-2	33	6	22	20	68.62	cps
Ytterbium	176-1	2284	2309	2284	2292	0.63	cps
Ytterbium	176-2	1884	2034	1756	1891	7.35	cps
Yttrium	89-1	32756074	30978185	30563604	31432621	3.71	cps
Yttrium	89-2	3240531	3049947	2922419	3070966	5.21	cps
Zinc	66-2	337	340	273	317	11.86	cps
Zirconium	90-1	2167	1934	1617	1906	14.49	cps
Zirconium	91-1	358	408	425	397	8.73	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCV45 Instrumnet Name : P8
 Client Sample ID : CCV45 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 14:34:31 DataFile Name : 060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3427694	3438695	3421601	3429330	0.25	cps
Antimony	121-1	3752100	3655162	3655039	3687433	1.52	cps
Arsenic	75-2	109613	108841	109629	109361	0.41	cps
Barium	135-1	4717964	4710284	4681382	4703210	0.41	cps
Barium	137-1	8114182	7991185	7909805	8005058	1.29	cps
Beryllium	9-1	1560697	1584837	1509851	1551795	2.47	cps
Bismuth	209-1	10825721	12676791	12855506	12119339	9.27	cps
Bismuth	209-2	5319729	5499753	5748392	5522625	3.90	cps
Boron	10-1	169629	175739	177620	174329	2.40	cps
Boron	11-1	774218	802919	827783	801640	3.34	cps
Bromine	81-1	6769	6088	6208	6355	5.72	cps
Cadmium	111-1	1040766	1025599	1007129	1024498	1.64	cps
Cadmium	106-1	127361	129044	130111	128838	1.08	cps
Cadmium	108-1	84562	82214	84238	83671	1.52	cps
Calcium	43-1	7468512	7741419	7484476	7564802	2.02	cps
Calcium	44-1	122495601	121519320	121445527	121820149	0.48	cps
Carbon	12-1	6539626	6680610	6797394	6672543	1.93	cps
Carbon	12-2	77345	81367	81752	80155	3.05	cps
Chlorine	35-1	366688	367994	366031	366904	0.27	cps
Chlorine	35-2	2492	2400	2317	2403	3.64	cps
Chromium	52-2	1194711	1201270	1195387	1197123	0.30	cps
Cobalt	59-2	2159228	2132058	2133446	2141577	0.71	cps
Copper	63-2	16249183	16068512	15989644	16102446	0.83	cps
Dysprosium	156-1	858	775	783	806	5.70	cps
Dysprosium	156-2	307	383	347	346	11.10	cps
Erbium	164-1	308	292	192	264	23.91	cps
Erbium	164-2	123	123	110	119	6.48	cps
Gadolinium	160-1	817	900	825	847	5.42	cps
Gadolinium	160-2	383	420	340	381	10.51	cps
Holmium	165-1	19746699	22064056	21998125	21269627	6.20	cps
Holmium	165-2	8213992	8333651	8650716	8399453	2.69	cps
Indium	115-1	15713879	17918446	18180841	17271055	7.85	cps
Indium	115-2	2195907	2259067	2330036	2261670	2.97	cps
Iron	54-2	13229608	12711985	12995736	12979110	2.00	cps
Iron	56-2	236425072	235101050	234844044	235456722	0.36	cps
Iron	57-2	5987236	5974574	5968478	5976763	0.16	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 14:34:31	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	487	537	627	550	12.90	cps
Lead	206-1	14902088	14850402	14779103	14843864	0.42	cps
Lead	207-1	12772819	12893262	12859075	12841719	0.48	cps
Lead	208-1	58979494	58617173	58737860	58778176	0.31	cps
Lithium	6-1	9543225	11075972	10760143	10459780	7.74	cps
Magnesium	24-2	51873345	52503265	52754723	52377111	0.87	cps
Manganese	55-2	6132494	6148434	6142763	6141230	0.13	cps
Molybdenum	94-1	8757037	8470546	8554865	8594149	1.71	cps
Molybdenum	95-1	10640635	10329346	10212657	10394213	2.13	cps
Molybdenum	96-1	11829535	11400731	11640009	11623425	1.85	cps
Molybdenum	97-1	6531577	6312762	6289778	6378039	2.09	cps
Molybdenum	98-1	16697912	16447867	16444098	16529959	0.88	cps
Neodymium	150-1	360	340	267	322	15.25	cps
Neodymium	150-2	37	30	37	34	11.18	cps
Nickel	60-2	583665	581342	578971	581326	0.40	cps
Phosphorus	31-2	36998	35561	35528	36029	2.33	cps
Potassium	39-2	16832017	16602712	16384547	16606425	1.35	cps
Rhodium	103-1	14385727	16461678	16233680	15693695	7.25	cps
Rhodium	103-2	6539993	6724980	6990655	6751876	3.36	cps
Scandium	45-1	12057346	13909226	13999750	13322108	8.23	cps
Scandium	45-2	393125	409013	425116	409085	3.91	cps
Selenium	82-1	80235	78953	79251	79480	0.84	cps
Selenium	77-2	2280	2090	2157	2176	4.43	cps
Selenium	78-2	7185	7299	7346	7276	1.14	cps
Silicon	28-1	3730233	3620197	3675919	3675450	1.50	cps
Silver	107-1	4757868	4965096	4876855	4866606	2.14	cps
Silver	109-1	4754966	4602374	4697724	4685021	1.65	cps
Sodium	23-2	101960127	102303344	102562031	102275168	0.30	cps
Strontium	86-1	13519295	13581726	13305914	13468978	1.07	cps
Strontium	88-1	118740673	116584828	115547736	116957746	1.39	cps
Sulfur	34-1	999922	973237	967426	980195	1.77	cps
Terbium	159-1	19781524	22861251	22935285	21859354	8.23	cps
Terbium	159-2	7901956	8214244	8530309	8215503	3.82	cps
Thallium	203-1	3620865	3688835	3638728	3649476	0.97	cps
Thallium	205-1	8776930	8600417	8539989	8639112	1.43	cps
Tin	118-1	3367023	3254830	3276118	3299324	1.81	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV45	Instrumnet Name :	P8
Client Sample ID :	CCV45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 14:34:31	DataFile Name :	060CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3460584	3470923	3348864	3426790	1.98	cps
Uranium	238-1	11514322	11244884	11678738	11479314	1.91	cps
Vanadium	51-2	977224	983756	970796	977258	0.66	cps
Ytterbium	172-1	75	75	100	83	17.32	cps
Ytterbium	172-2	28	56	39	41	34.32	cps
Ytterbium	176-1	17412	18672	17788	17957	3.60	cps
Ytterbium	176-2	9242	10054	10126	9807	5.00	cps
Yttrium	89-1	26768917	30680560	30503177	29317552	7.53	cps
Yttrium	89-2	2725742	2780326	2942328	2816132	4.00	cps
Zinc	66-2	1889544	1904696	1844944	1879728	1.65	cps
Zirconium	90-1	7444745	7148536	7397217	7330166	2.17	cps
Zirconium	91-1	1701250	1636003	1671828	1669694	1.96	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 14:46:31	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	104	110	121	112	7.94	cps
Antimony	121-1	408	383	367	386	5.43	cps
Arsenic	75-2	4	6	6	5	21.65	cps
Barium	135-1	158	117	225	167	32.79	cps
Barium	137-1	192	167	200	186	9.32	cps
Beryllium	9-1	64	84	52	67	24.25	cps
Bismuth	209-1	13313749	14065963	14182703	13854139	3.40	cps
Bismuth	209-2	6044477	6456564	6242873	6247971	3.30	cps
Boron	10-1	2514	2188	2436	2379	7.15	cps
Boron	11-1	11432	10636	10254	10774	5.58	cps
Bromine	81-1	6007	6869	6388	6421	6.72	cps
Cadmium	111-1	1857	1863	1962	1894	3.12	cps
Cadmium	106-1	9353	9312	9845	9504	3.12	cps
Cadmium	108-1	50	58	46	51	12.39	cps
Calcium	43-1	357	355	335	349	3.53	cps
Calcium	44-1	17482	17233	17237	17317	0.82	cps
Carbon	12-1	4876329	4895673	4925680	4899227	0.51	cps
Carbon	12-2	51274	51315	51993	51527	0.78	cps
Chlorine	35-1	312957	312974	309332	311754	0.67	cps
Chlorine	35-2	2159	1834	2100	2031	8.53	cps
Chromium	52-2	760	570	673	668	14.24	cps
Cobalt	59-2	73	100	97	90	16.15	cps
Copper	63-2	870	997	920	929	6.87	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	175	133	133	147	16.34	cps
Erbium	164-2	37	70	47	51	33.46	cps
Gadolinium	160-1	133	108	242	161	43.99	cps
Gadolinium	160-2	63	77	67	69	10.08	cps
Holmium	165-1	21167931	22696206	22503300	22122479	3.76	cps
Holmium	165-2	8506804	8908192	8774679	8729892	2.34	cps
Indium	115-1	18360807	19637850	18753486	18917381	3.46	cps
Indium	115-2	2436496	2463716	2405475	2435229	1.20	cps
Iron	54-2	378	444	406	409	8.18	cps
Iron	56-2	3262	3501	3289	3350	3.90	cps
Iron	57-2	89	122	100	104	16.37	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 14:46:31	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	647	677	550	624	10.60	cps
Lead	206-1	1211	1233	1133	1193	4.40	cps
Lead	207-1	1061	1011	978	1017	4.13	cps
Lead	208-1	4723	4523	4884	4710	3.84	cps
Lithium	6-1	11300816	11752948	11687150	11580304	2.11	cps
Magnesium	24-2	433	433	542	469	13.32	cps
Manganese	55-2	153	160	127	147	12.03	cps
Molybdenum	94-1	758	700	675	711	6.01	cps
Molybdenum	95-1	350	200	150	233	44.61	cps
Molybdenum	96-1	508	325	375	403	23.53	cps
Molybdenum	97-1	225	175	117	172	31.48	cps
Molybdenum	98-1	608	342	283	411	42.15	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	33	17	23	37.78	cps
Phosphorus	31-2	50	125	92	89	42.27	cps
Potassium	39-2	12005	12556	12164	12242	2.32	cps
Rhodium	103-1	17566123	18668291	17833693	18022702	3.19	cps
Rhodium	103-2	7454515	7592752	7544724	7530663	0.93	cps
Scandium	45-1	13894420	14581180	14362688	14279429	2.46	cps
Scandium	45-2	428934	438742	429315	432330	1.29	cps
Selenium	82-1	-74	-146	-2	-74	-97.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	23	28	26	9.80	cps
Silicon	28-1	292883	288999	291564	291148	0.68	cps
Silver	107-1	292	275	392	319	19.75	cps
Silver	109-1	225	217	108	183	35.50	cps
Sodium	23-2	19747	20239	19772	19920	1.39	cps
Strontium	86-1	1125	958	1142	1075	9.43	cps
Strontium	88-1	983	1092	1092	1056	5.93	cps
Sulfur	34-1	514041	514355	513370	513922	0.10	cps
Terbium	159-1	21513211	22680633	23295088	22496311	4.02	cps
Terbium	159-2	8393846	8547353	8423500	8454900	0.96	cps
Thallium	203-1	483	408	367	419	14.10	cps
Thallium	205-1	1075	992	1033	1033	4.03	cps
Tin	118-1	2128	825	750	1234	62.77	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB45	Instrumnet Name :	P8
Client Sample ID :	CCB45	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 14:46:31	DataFile Name :	061CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	167	233	203	16.61	cps
Uranium	238-1	25	67	50	47	44.41	cps
Vanadium	51-2	3	13	30	16	86.63	cps
Ytterbium	172-1	25	25	58	36	53.29	cps
Ytterbium	172-2	56	11	22	30	78.07	cps
Ytterbium	176-1	2234	2692	2275	2400	10.56	cps
Ytterbium	176-2	3134	3739	3534	3469	8.88	cps
Yttrium	89-1	30159945	32628048	31360367	31382787	3.93	cps
Yttrium	89-2	2955412	2908636	2935986	2933345	0.80	cps
Zinc	66-2	203	183	170	186	9.04	cps
Zirconium	90-1	1700	1492	1608	1600	6.53	cps
Zirconium	91-1	358	350	375	361	3.52	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCV46 Instrumnet Name : P8
 Client Sample ID : CCV46 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 16:16:50 DataFile Name : 062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3347538	3299512	3284369	3310473	1.00	cps
Antimony	121-1	3483091	3494414	3493312	3490273	0.18	cps
Arsenic	75-2	103477	103252	104624	103784	0.71	cps
Barium	135-1	4450557	4422379	4496214	4456383	0.84	cps
Barium	137-1	7609371	7654032	7817002	7693469	1.42	cps
Beryllium	9-1	1445816	1412975	1438530	1432441	1.20	cps
Bismuth	209-1	11103879	11178716	11357705	11213434	1.16	cps
Bismuth	209-2	5196237	5230318	5322193	5249583	1.24	cps
Boron	10-1	163264	172131	171477	168957	2.92	cps
Boron	11-1	740811	762938	790313	764687	3.24	cps
Bromine	81-1	5907	6168	5647	5907	4.41	cps
Cadmium	111-1	982645	973923	981339	979302	0.48	cps
Cadmium	106-1	121516	120835	118230	120194	1.44	cps
Cadmium	108-1	76590	77953	78325	77623	1.18	cps
Calcium	43-1	7167364	7156722	7128174	7150753	0.28	cps
Calcium	44-1	113912531	116452831	116461675	115609012	1.27	cps
Carbon	12-1	5850588	6041540	6122289	6004806	2.32	cps
Carbon	12-2	72495	73518	74950	73654	1.67	cps
Chlorine	35-1	224993	227212	227170	226459	0.56	cps
Chlorine	35-2	1475	1500	1567	1514	3.13	cps
Chromium	52-2	1147645	1140593	1143447	1143895	0.31	cps
Cobalt	59-2	2023971	2003127	2087570	2038223	2.16	cps
Copper	63-2	15125748	14937866	15092317	15051977	0.67	cps
Dysprosium	156-1	808	750	708	756	6.65	cps
Dysprosium	156-2	347	307	310	321	6.91	cps
Erbium	164-1	208	208	308	242	23.89	cps
Erbium	164-2	97	77	117	97	20.69	cps
Gadolinium	160-1	667	917	883	822	16.51	cps
Gadolinium	160-2	363	360	440	388	11.67	cps
Holmium	165-1	19407734	19243171	19718844	19456583	1.24	cps
Holmium	165-2	8115815	7884920	8113174	8037970	1.65	cps
Indium	115-1	15733281	15408259	15605504	15582348	1.05	cps
Indium	115-2	2098973	2083445	2118308	2100242	0.83	cps
Iron	54-2	12547571	12272240	12493145	12437652	1.17	cps
Iron	56-2	225589261	219883916	223713233	223062136	1.30	cps
Iron	57-2	5674018	5609372	5641882	5641757	0.57	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:16:50	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	520	503	507	510	1.73	cps
Lead	206-1	13959286	14246151	14176859	14127432	1.06	cps
Lead	207-1	11853503	12175005	12514819	12181109	2.71	cps
Lead	208-1	55007907	56609199	56670618	56095908	1.68	cps
Lithium	6-1	9665934	9425022	9529234	9540063	1.27	cps
Magnesium	24-2	50652543	49865332	50769005	50428960	0.97	cps
Manganese	55-2	5892037	5828494	5884421	5868317	0.59	cps
Molybdenum	94-1	8012023	8026058	8166292	8068124	1.06	cps
Molybdenum	95-1	9773417	9860141	9928530	9854029	0.79	cps
Molybdenum	96-1	10914270	10968362	10800220	10894284	0.79	cps
Molybdenum	97-1	5977826	5967006	6039976	5994936	0.66	cps
Molybdenum	98-1	15307644	15460241	15680072	15482652	1.21	cps
Neodymium	150-1	220	307	327	284	19.93	cps
Neodymium	150-2	30	43	10	28	60.40	cps
Nickel	60-2	545900	551941	556274	551371	0.94	cps
Phosphorus	31-2	34609	33631	33573	33938	1.71	cps
Potassium	39-2	16071574	15571357	15694375	15779102	1.65	cps
Rhodium	103-1	14265096	14161563	14299926	14242195	0.51	cps
Rhodium	103-2	6332602	6347182	6313349	6331045	0.27	cps
Scandium	45-1	12389449	12244696	12694494	12442880	1.85	cps
Scandium	45-2	388830	389212	387563	388535	0.22	cps
Selenium	82-1	75290	75235	74916	75147	0.27	cps
Selenium	77-2	2174	2094	1970	2079	4.93	cps
Selenium	78-2	6699	6844	6885	6810	1.44	cps
Silicon	28-1	3275041	3376558	3362249	3337949	1.65	cps
Silver	107-1	4660069	4571288	4534602	4588653	1.41	cps
Silver	109-1	4412517	4487710	4530606	4476945	1.34	cps
Sodium	23-2	97870488	95065783	96221260	96385844	1.46	cps
Strontium	86-1	12898435	12592609	12961406	12817483	1.54	cps
Strontium	88-1	111464232	110203202	111656203	111107879	0.71	cps
Sulfur	34-1	914332	909162	926887	916794	0.99	cps
Terbium	159-1	20520893	20153439	20302506	20325613	0.91	cps
Terbium	159-2	7782319	7682043	7815312	7759891	0.89	cps
Thallium	203-1	3506733	3471294	3390290	3456106	1.73	cps
Thallium	205-1	8293507	8344719	8116745	8251657	1.45	cps
Tin	118-1	3104797	3102979	3076482	3094753	0.51	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV46	Instrumnet Name :	P8
Client Sample ID :	CCV46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:16:50	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3242877	3304855	3261877	3269870	0.97	cps
Uranium	238-1	10935824	11008314	11149796	11031311	0.99	cps
Vanadium	51-2	929508	920563	931458	927176	0.63	cps
Ytterbium	172-1	83	108	58	83	30.00	cps
Ytterbium	172-2	78	50	39	56	36.06	cps
Ytterbium	176-1	16627	16878	17078	16861	1.34	cps
Ytterbium	176-2	9231	9237	9353	9274	0.74	cps
Yttrium	89-1	27963775	26609298	26914753	27162609	2.62	cps
Yttrium	89-2	2624383	2689886	2736879	2683716	2.11	cps
Zinc	66-2	1777458	1752094	1757272	1762275	0.76	cps
Zirconium	90-1	6962256	7078186	6982924	7007789	0.88	cps
Zirconium	91-1	1585362	1577062	1568936	1577120	0.52	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB46 Instrumnet Name : P8
 Client Sample ID : CCB46 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 16:25:29 DataFile Name : 063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109	144	121	125	14.23	cps
Antimony	121-1	283	450	567	433	32.86	cps
Arsenic	75-2	4	6	7	6	26.96	cps
Barium	135-1	158	100	158	139	24.25	cps
Barium	137-1	150	192	167	169	12.38	cps
Beryllium	9-1	48	78	48	58	29.87	cps
Bismuth	209-1	12785185	12054314	12431897	12423799	2.94	cps
Bismuth	209-2	5826528	5901195	5868336	5865353	0.64	cps
Boron	10-1	2560	2426	2316	2434	5.02	cps
Boron	11-1	11874	11148	10660	11227	5.44	cps
Bromine	81-1	6648	5997	5877	6174	6.72	cps
Cadmium	111-1	1535	1528	1656	1573	4.59	cps
Cadmium	106-1	7669	7586	8261	7839	4.70	cps
Cadmium	108-1	33	21	42	32	32.84	cps
Calcium	43-1	372	350	366	363	3.20	cps
Calcium	44-1	18657	18546	18771	18658	0.60	cps
Carbon	12-1	4508180	4562826	4618318	4563108	1.21	cps
Carbon	12-2	49158	49200	49116	49158	0.08	cps
Chlorine	35-1	207159	205723	203676	205519	0.85	cps
Chlorine	35-2	1342	1525	1375	1414	6.91	cps
Chromium	52-2	700	663	640	668	4.53	cps
Cobalt	59-2	127	83	80	97	26.93	cps
Copper	63-2	880	920	823	874	5.55	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	150	133	150	144	6.66	cps
Erbium	164-2	40	40	40	40	0.00	cps
Gadolinium	160-1	175	175	142	164	11.74	cps
Gadolinium	160-2	67	80	50	66	22.93	cps
Holmium	165-1	19997287	20210670	20503928	20237295	1.26	cps
Holmium	165-2	8298795	8261889	8182313	8247666	0.72	cps
Indium	115-1	17862892	17153869	17017185	17344649	2.62	cps
Indium	115-2	2336519	2286631	2249342	2290831	1.91	cps
Iron	54-2	339	344	439	374	15.02	cps
Iron	56-2	3723	4001	4067	3930	4.65	cps
Iron	57-2	83	122	94	100	20.03	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:25:29	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	497	593	517	536	9.53	cps
Lead	206-1	1289	1200	1278	1256	3.86	cps
Lead	207-1	983	883	1039	969	8.14	cps
Lead	208-1	4673	4439	4767	4626	3.65	cps
Lithium	6-1	10704776	10290423	9985330	10326843	3.50	cps
Magnesium	24-2	725	708	550	661	14.61	cps
Manganese	55-2	137	160	210	169	22.18	cps
Molybdenum	94-1	675	608	675	653	5.90	cps
Molybdenum	95-1	258	233	200	231	12.69	cps
Molybdenum	96-1	467	458	358	428	14.09	cps
Molybdenum	97-1	142	142	158	147	6.54	cps
Molybdenum	98-1	492	442	400	444	10.33	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	43	33	43	40	14.43	cps
Phosphorus	31-2	58	108	67	78	34.45	cps
Potassium	39-2	12331	11563	11930	11941	3.21	cps
Rhodium	103-1	16485572	16196094	16236315	16305994	0.96	cps
Rhodium	103-2	7179021	7129278	7079132	7129144	0.70	cps
Scandium	45-1	13275938	12947147	13203476	13142187	1.31	cps
Scandium	45-2	399170	399215	395221	397869	0.58	cps
Selenium	82-1	34	-10	46	23	126.36	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	25	21	22	23	9.18	cps
Silicon	28-1	278302	277802	278148	278084	0.09	cps
Silver	107-1	300	358	400	353	14.24	cps
Silver	109-1	142	225	225	197	24.40	cps
Sodium	23-2	19221	19255	18813	19096	1.29	cps
Strontium	86-1	1150	983	883	1006	13.40	cps
Strontium	88-1	1608	1617	1567	1597	1.68	cps
Sulfur	34-1	469835	474081	484062	475993	1.53	cps
Terbium	159-1	21225502	20386314	20130846	20580887	2.78	cps
Terbium	159-2	7927011	7898471	8055317	7960266	1.05	cps
Thallium	203-1	350	333	308	331	6.34	cps
Thallium	205-1	792	1025	892	903	12.97	cps
Tin	118-1	6378	850	783	2670	120.24	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB46	Instrumnet Name :	P8
Client Sample ID :	CCB46	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:25:29	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	142	242	183	189	26.59	cps
Uranium	238-1	117	150	92	119	24.50	cps
Vanadium	51-2	3	10	17	10	66.70	cps
Ytterbium	172-1	8	75	33	39	86.61	cps
Ytterbium	172-2	33	11	6	17	88.17	cps
Ytterbium	176-1	2192	2109	1825	2042	9.42	cps
Ytterbium	176-2	3395	3156	3228	3260	3.76	cps
Yttrium	89-1	28846984	28099563	29106383	28684310	1.82	cps
Yttrium	89-2	2725742	2809840	2788732	2774771	1.58	cps
Zinc	66-2	170	197	197	188	8.20	cps
Zirconium	90-1	1467	1725	1450	1547	9.97	cps
Zirconium	91-1	308	375	408	364	13.99	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : PB139178BL Instrumnet Name : P8
 Client Sample ID : PB139178BL Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 16:28:30 DataFile Name : 064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116	91	97	102	12.80	cps
Antimony	121-1	225	217	308	250	20.28	cps
Arsenic	75-2	4	4	4	4	0.00	cps
Barium	135-1	150	58	83	97	48.73	cps
Barium	137-1	142	217	158	172	22.87	cps
Beryllium	9-1	32	32	42	35	16.34	cps
Bismuth	209-1	12634848	12357158	12535522	12509176	1.12	cps
Bismuth	209-2	6030798	5728031	5805496	5854775	2.69	cps
Boron	10-1	1778	1554	1648	1660	6.78	cps
Boron	11-1	7582	7482	7166	7410	2.93	cps
Bromine	81-1	6538	6769	6919	6742	2.84	cps
Cadmium	111-1	1830	1575	1683	1696	7.54	cps
Cadmium	106-1	9037	7919	8336	8431	6.70	cps
Cadmium	108-1	21	42	25	29	37.81	cps
Calcium	43-1	351	332	299	327	8.12	cps
Calcium	44-1	18472	18258	18432	18388	0.62	cps
Carbon	12-1	4566080	4693023	4687687	4648930	1.54	cps
Carbon	12-2	50303	49484	49986	49924	0.83	cps
Chlorine	35-1	216965	217153	213651	215923	0.91	cps
Chlorine	35-2	1383	1258	1508	1383	9.04	cps
Chromium	52-2	690	667	633	663	4.29	cps
Cobalt	59-2	60	110	113	94	31.63	cps
Copper	63-2	723	760	783	756	4.00	cps
Dysprosium	156-1	25	8	42	25	66.68	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	208	150	100	153	35.49	cps
Erbium	164-2	40	33	50	41	20.41	cps
Gadolinium	160-1	142	158	100	133	22.54	cps
Gadolinium	160-2	60	87	37	61	40.94	cps
Holmium	165-1	20811583	20381943	20257554	20483693	1.42	cps
Holmium	165-2	8472059	8108574	8124996	8235210	2.49	cps
Indium	115-1	17834650	17017689	17417122	17423154	2.34	cps
Indium	115-2	2318734	2245222	2268764	2277573	1.65	cps
Iron	54-2	311	317	294	307	3.76	cps
Iron	56-2	2556	2489	2600	2548	2.19	cps
Iron	57-2	78	72	61	70	12.06	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BL	Instrumnet Name :	P8
Client Sample ID :	PB139178BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:28:30	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	480	513	433	476	8.45	cps
Lead	206-1	872	1167	883	974	17.13	cps
Lead	207-1	906	717	861	828	11.93	cps
Lead	208-1	3967	4139	3850	3986	3.65	cps
Lithium	6-1	10369367	10082249	10055427	10169014	1.71	cps
Magnesium	24-2	358	283	358	333	12.99	cps
Manganese	55-2	150	130	93	124	23.10	cps
Molybdenum	94-1	525	500	575	533	7.16	cps
Molybdenum	95-1	142	167	108	139	21.07	cps
Molybdenum	96-1	308	242	292	281	12.37	cps
Molybdenum	97-1	75	92	75	81	11.95	cps
Molybdenum	98-1	208	158	167	178	15.07	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	27	17	30	50.91	cps
Phosphorus	31-2	92	83	58	78	22.30	cps
Potassium	39-2	11505	11872	11238	11538	2.76	cps
Rhodium	103-1	17095303	15851571	16076335	16341069	4.06	cps
Rhodium	103-2	7253670	7123257	6944921	7107282	2.18	cps
Scandium	45-1	13556478	12793046	13104462	13151329	2.92	cps
Scandium	45-2	409975	401626	397647	403083	1.56	cps
Selenium	82-1	55	30	90	58	51.81	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	16	22	28	22	27.27	cps
Silicon	28-1	276033	282642	275943	278206	1.38	cps
Silver	107-1	350	250	250	283	20.38	cps
Silver	109-1	150	158	142	150	5.56	cps
Sodium	23-2	18103	17436	18178	17906	2.28	cps
Strontium	86-1	775	908	1008	897	13.05	cps
Strontium	88-1	858	900	875	878	2.39	cps
Sulfur	34-1	490155	485343	492732	489410	0.77	cps
Terbium	159-1	20831248	20253022	20923489	20669253	1.76	cps
Terbium	159-2	8162582	7922778	7883853	7989738	1.89	cps
Thallium	203-1	350	433	350	378	12.74	cps
Thallium	205-1	792	883	600	758	19.07	cps
Tin	118-1	800	808	592	733	16.74	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BL	Instrumnet Name :	P8
Client Sample ID :	PB139178BL	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:28:30	DataFile Name :	064CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	183	208	206	10.20	cps
Uranium	238-1	25	33	17	25	33.32	cps
Vanadium	51-2	17	3	13	11	62.48	cps
Ytterbium	172-1	67	17	42	42	60.00	cps
Ytterbium	172-2	17	17	17	17	0.00	cps
Ytterbium	176-1	2167	2484	2375	2342	6.87	cps
Ytterbium	176-2	2834	2634	2217	2561	12.29	cps
Yttrium	89-1	29625880	27852791	28116780	28531817	3.35	cps
Yttrium	89-2	2835608	2816448	2769439	2807165	1.21	cps
Zinc	66-2	193	203	183	193	5.17	cps
Zirconium	90-1	1692	1458	1417	1522	9.74	cps
Zirconium	91-1	267	192	433	297	41.62	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BS	Instrumnet Name :	P8
Client Sample ID :	PB139178BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:31:33	DataFile Name :	065LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	706989	690246	694499	697245	1.25	cps
Antimony	121-1	3695169	3720825	3772436	3729477	1.06	cps
Arsenic	75-2	106161	105232	106282	105891	0.54	cps
Barium	135-1	4675626	4735919	4567876	4659807	1.83	cps
Barium	137-1	7988229	8130276	7929311	8015939	1.29	cps
Beryllium	9-1	1510082	1555297	1554082	1539820	1.67	cps
Bismuth	209-1	12592416	11861019	11957080	12136838	3.27	cps
Bismuth	209-2	5624073	5682517	5692215	5666268	0.65	cps
Boron	10-1	162659	172483	181876	172339	5.58	cps
Boron	11-1	744942	799889	828323	791051	5.36	cps
Bromine	81-1	6498	7109	7400	7002	6.57	cps
Cadmium	111-1	996233	988916	999799	994983	0.56	cps
Cadmium	106-1	120247	128050	124846	124381	3.15	cps
Cadmium	108-1	79205	80827	81740	80591	1.59	cps
Calcium	43-1	1590949	1612957	1624769	1609558	1.07	cps
Calcium	44-1	24856406	24896400	25073877	24942228	0.46	cps
Carbon	12-1	6378560	6653466	6805268	6612431	3.27	cps
Carbon	12-2	76876	82356	80881	80038	3.54	cps
Chlorine	35-1	229844	232469	230132	230815	0.62	cps
Chlorine	35-2	1517	1417	1533	1489	4.24	cps
Chromium	52-2	1211257	1206249	1203212	1206906	0.34	cps
Cobalt	59-2	2228955	2154490	2235195	2206213	2.04	cps
Copper	63-2	15914634	15860196	15872411	15882414	0.18	cps
Dysprosium	156-1	242	142	208	197	25.82	cps
Dysprosium	156-2	90	83	93	89	5.73	cps
Erbium	164-1	300	275	150	242	33.26	cps
Erbium	164-2	43	73	73	63	27.35	cps
Gadolinium	160-1	475	375	308	386	21.73	cps
Gadolinium	160-2	170	133	163	156	12.55	cps
Holmium	165-1	20990092	20204918	20111693	20435567	2.36	cps
Holmium	165-2	8269684	8417087	8270792	8319188	1.02	cps
Indium	115-1	17346265	16925353	16221367	16830995	3.38	cps
Indium	115-2	2248426	2319189	2285644	2284419	1.55	cps
Iron	54-2	2704103	2675769	2742889	2707587	1.24	cps
Iron	56-2	47005687	47210183	47191708	47135859	0.24	cps
Iron	57-2	1190529	1194354	1180393	1188425	0.61	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BS	Instrumnet Name :	P8
Client Sample ID :	PB139178BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:31:33	DataFile Name :	065LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	583	510	577	557	7.29	cps
Lead	206-1	14870373	14962756	15467570	15100233	2.13	cps
Lead	207-1	12794943	13073495	13188593	13019010	1.55	cps
Lead	208-1	59115166	59727996	60976406	59939856	1.58	cps
Lithium	6-1	10411691	9982430	9698608	10030910	3.58	cps
Magnesium	24-2	10648798	10594639	10686941	10643459	0.44	cps
Manganese	55-2	5784668	5779881	5818320	5794290	0.36	cps
Molybdenum	94-1	8373228	8340220	8466803	8393417	0.78	cps
Molybdenum	95-1	10118619	10144477	10198786	10153961	0.40	cps
Molybdenum	96-1	11235974	11340482	11507992	11361483	1.21	cps
Molybdenum	97-1	6038296	6151408	6185564	6125089	1.26	cps
Molybdenum	98-1	15824531	16485293	16137864	16149229	2.05	cps
Neodymium	150-1	340	260	347	316	15.28	cps
Neodymium	150-2	37	37	40	38	5.09	cps
Nickel	60-2	576806	573866	576237	575636	0.27	cps
Phosphorus	31-2	35026	35361	36722	35703	2.52	cps
Potassium	39-2	3436894	3382544	3360336	3393258	1.16	cps
Rhodium	103-1	16000735	15921882	15265511	15729376	2.57	cps
Rhodium	103-2	6851911	7010503	7005288	6955901	1.30	cps
Scandium	45-1	13323684	12986795	12605220	12971900	2.77	cps
Scandium	45-2	396217	405990	402198	401468	1.23	cps
Selenium	82-1	77595	78419	79780	78598	1.40	cps
Selenium	77-2	1990	2104	1987	2027	3.28	cps
Selenium	78-2	6988	6952	7086	7009	0.98	cps
Silicon	28-1	3455428	3627976	3691108	3591504	3.40	cps
Silver	107-1	5030638	5215742	5176356	5140912	1.90	cps
Silver	109-1	4793037	4883868	4903809	4860238	1.21	cps
Sodium	23-2	20492565	20339039	20384710	20405438	0.39	cps
Strontium	86-1	13219178	13429108	13651551	13433279	1.61	cps
Strontium	88-1	115178940	116485973	116995261	116220058	0.81	cps
Sulfur	34-1	918750	910784	910444	913326	0.51	cps
Terbium	159-1	21417526	20515001	20494692	20809073	2.53	cps
Terbium	159-2	7950352	8099734	8035791	8028626	0.93	cps
Thallium	203-1	3665947	3690568	3689259	3681925	0.38	cps
Thallium	205-1	8735316	8796089	8634903	8722103	0.93	cps
Tin	118-1	3247856	3307999	3308523	3288126	1.06	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	PB139178BS	Instrumnet Name :	P8
Client Sample ID :	PB139178BS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:31:33	DataFile Name :	065LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3422982	3414458	3375934	3404458	0.74	cps
Uranium	238-1	11133633	11246474	11204794	11194967	0.51	cps
Vanadium	51-2	969942	967018	959411	965457	0.56	cps
Ytterbium	172-1	50	25	83	53	55.46	cps
Ytterbium	172-2	0	50	6	19	147.97	cps
Ytterbium	176-1	17320	16878	16602	16933	2.14	cps
Ytterbium	176-2	8392	8308	7808	8169	3.86	cps
Yttrium	89-1	29862551	28210940	27736478	28603323	3.90	cps
Yttrium	89-2	2751527	2814001	2779743	2781757	1.12	cps
Zinc	66-2	1926837	1843542	1882074	1884151	2.21	cps
Zirconium	90-1	7399545	7152654	7393431	7315210	1.92	cps
Zirconium	91-1	1621357	1594244	1618188	1611263	0.92	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:34:26	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20381	18595	20070	19682	4.85	cps
Antimony	121-1	3234	3909	4301	3815	14.15	cps
Arsenic	75-2	761	796	844	800	5.21	cps
Barium	135-1	112868	115634	112339	113614	1.56	cps
Barium	137-1	198781	199931	196940	198550	0.76	cps
Beryllium	9-1	316	296	238	283	14.30	cps
Bismuth	209-1	12780123	13035903	12369549	12728525	2.64	cps
Bismuth	209-2	5804097	5744135	5764714	5770982	0.53	cps
Boron	10-1	32872	32235	31149	32085	2.72	cps
Boron	11-1	151318	152397	149016	150910	1.14	cps
Bromine	81-1	14502	15234	15414	15050	3.21	cps
Cadmium	111-1	1767	1844	1718	1776	3.59	cps
Cadmium	106-1	8019	8353	7802	8058	3.44	cps
Cadmium	108-1	71	79	67	72	8.81	cps
Calcium	43-1	506002	512481	513271	510585	0.78	cps
Calcium	44-1	8411468	8290160	8407745	8369791	0.82	cps
Carbon	12-1	16038317	17399295	18306268	17247960	6.62	cps
Carbon	12-2	202052	205549	214085	207229	2.99	cps
Chlorine	35-1	436251	480791	515173	477405	8.29	cps
Chlorine	35-2	3901	4059	4126	4028	2.87	cps
Chromium	52-2	8022	8416	8363	8267	2.58	cps
Cobalt	59-2	7322	7515	7375	7404	1.35	cps
Copper	63-2	27700	27607	27320	27542	0.72	cps
Dysprosium	156-1	1108	1125	1075	1103	2.31	cps
Dysprosium	156-2	483	500	490	491	1.71	cps
Erbium	164-1	1342	1033	1283	1220	13.43	cps
Erbium	164-2	533	427	573	511	14.83	cps
Gadolinium	160-1	1333	1275	1225	1278	4.24	cps
Gadolinium	160-2	580	690	617	629	8.91	cps
Holmium	165-1	20722555	20653478	20795973	20724002	0.34	cps
Holmium	165-2	8223929	8205717	8096586	8175411	0.84	cps
Indium	115-1	17715784	17728051	17634835	17692890	0.29	cps
Indium	115-2	2286654	2264960	2244077	2265230	0.94	cps
Iron	54-2	361966	364373	363589	363309	0.34	cps
Iron	56-2	6467006	6473379	6708758	6549714	2.10	cps
Iron	57-2	160455	164485	165506	163482	1.63	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:34:26	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	543	557	550	550	1.21	cps
Lead	206-1	17562	18207	16939	17570	3.61	cps
Lead	207-1	14725	14469	15020	14738	1.87	cps
Lead	208-1	67998	68499	67675	68057	0.61	cps
Lithium	6-1	10367770	10592104	10281597	10413824	1.54	cps
Magnesium	24-2	789452	774790	797766	787336	1.48	cps
Manganese	55-2	784657	788051	785296	786001	0.23	cps
Molybdenum	94-1	6293	6319	6360	6324	0.53	cps
Molybdenum	95-1	8178	7561	7452	7730	5.06	cps
Molybdenum	96-1	9237	8653	8811	8900	3.39	cps
Molybdenum	97-1	5109	4584	4801	4832	5.46	cps
Molybdenum	98-1	12656	11922	12089	12222	3.15	cps
Neodymium	150-1	1527	1360	1527	1471	6.54	cps
Neodymium	150-2	420	400	457	426	6.75	cps
Nickel	60-2	4417	4487	4541	4482	1.38	cps
Phosphorus	31-2	1408	1425	1458	1431	1.78	cps
Potassium	39-2	847831	847444	864321	853199	1.13	cps
Rhodium	103-1	16295023	16912456	16021137	16409538	2.78	cps
Rhodium	103-2	7138834	7038280	6934454	7037189	1.45	cps
Scandium	45-1	13437337	13399977	13366561	13401292	0.26	cps
Scandium	45-2	402162	395841	395495	397833	0.94	cps
Selenium	82-1	36	-8	-2	9	275.46	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	30	30	29	30	1.95	cps
Silicon	28-1	22308040	21783994	22507571	22199868	1.68	cps
Silver	107-1	1892	1633	1583	1703	9.72	cps
Silver	109-1	2042	1558	1708	1770	13.98	cps
Sodium	23-2	6098077	6025801	6116716	6080198	0.79	cps
Strontium	86-1	285156	282024	282914	283365	0.57	cps
Strontium	88-1	2449935	2495147	2382289	2442457	2.33	cps
Sulfur	34-1	676611	679171	677060	677614	0.20	cps
Terbium	159-1	21673810	22055316	21007170	21578765	2.46	cps
Terbium	159-2	8129626	7873397	8057178	8020067	1.65	cps
Thallium	203-1	925	758	733	806	12.93	cps
Thallium	205-1	2059	1892	2050	2000	4.70	cps
Tin	118-1	2909	3017	2750	2892	4.64	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-01	Instrumnet Name :	P8
Client Sample ID :	SW-RR-02-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:34:26	DataFile Name :	066AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	15844	15075	15234	15384	2.64	cps
Uranium	238-1	3334	3417	3059	3270	5.74	cps
Vanadium	51-2	5201	5164	5294	5220	1.28	cps
Ytterbium	172-1	425	450	475	450	5.56	cps
Ytterbium	172-2	217	200	222	213	5.43	cps
Ytterbium	176-1	2642	2567	2217	2475	9.17	cps
Ytterbium	176-2	2145	1978	2128	2084	4.41	cps
Yttrium	89-1	29634743	29655136	28326168	29205349	2.61	cps
Yttrium	89-2	2761349	2775298	2752277	2762975	0.42	cps
Zinc	66-2	20829	21286	21139	21085	1.11	cps
Zirconium	90-1	4826	5168	4593	4862	5.95	cps
Zirconium	91-1	3576	1175	2775	2509	48.73	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:37:25	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14941	15631	15036	15203	2.46	cps
Antimony	121-1	2850	3034	2967	2950	3.15	cps
Arsenic	75-2	280	241	250	257	7.94	cps
Barium	135-1	146343	148181	144905	146476	1.12	cps
Barium	137-1	259586	261203	259206	259998	0.41	cps
Beryllium	9-1	112	120	82	105	19.14	cps
Bismuth	209-1	12425819	12939392	13147933	12837715	2.89	cps
Bismuth	209-2	5733017	5598705	5846417	5726046	2.17	cps
Boron	10-1	69569	71908	75321	72266	4.00	cps
Boron	11-1	321399	343166	355979	340181	5.14	cps
Bromine	81-1	61920	75902	86746	74856	16.63	cps
Cadmium	111-1	1620	1823	1797	1747	6.31	cps
Cadmium	106-1	7844	8720	8670	8411	5.85	cps
Cadmium	108-1	46	54	71	57	22.35	cps
Calcium	43-1	1283340	1261090	1305238	1283223	1.72	cps
Calcium	44-1	20448550	20359579	20670803	20492978	0.78	cps
Carbon	12-1	18210193	19395008	19858499	19154567	4.44	cps
Carbon	12-2	214853	219751	226782	220462	2.72	cps
Chlorine	35-1	1453608	1673687	1860142	1662479	12.24	cps
Chlorine	35-2	14041	15008	16209	15086	7.20	cps
Chromium	52-2	4044	3781	3607	3811	5.77	cps
Cobalt	59-2	1893	2010	1867	1923	3.96	cps
Copper	63-2	12039	12482	12265	12262	1.81	cps
Dysprosium	156-1	392	467	392	417	10.39	cps
Dysprosium	156-2	233	143	170	182	25.37	cps
Erbium	164-1	583	567	433	528	15.58	cps
Erbium	164-2	230	243	207	227	8.19	cps
Gadolinium	160-1	483	517	542	514	5.69	cps
Gadolinium	160-2	257	220	227	234	8.33	cps
Holmium	165-1	20575736	21099577	21547992	21074435	2.31	cps
Holmium	165-2	8223652	8240868	8419267	8294596	1.31	cps
Indium	115-1	17014841	17895392	18390452	17766895	3.92	cps
Indium	115-2	2336182	2277549	2282853	2298861	1.41	cps
Iron	54-2	99073	93428	94943	95815	3.05	cps
Iron	56-2	1711595	1661820	1755330	1709582	2.74	cps
Iron	57-2	41110	43963	42425	42499	3.36	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:37:25	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	530	567	540	546	3.47	cps
Lead	206-1	6385	6291	6674	6450	3.10	cps
Lead	207-1	5168	5551	5490	5403	3.81	cps
Lead	208-1	24993	25216	25215	25141	0.51	cps
Lithium	6-1	10584655	10851586	10829594	10755278	1.38	cps
Magnesium	24-2	3065323	3090124	3126686	3094045	1.00	cps
Manganese	55-2	489414	486440	489085	488313	0.33	cps
Molybdenum	94-1	4301	4034	4484	4273	5.30	cps
Molybdenum	95-1	5376	5143	5184	5234	2.38	cps
Molybdenum	96-1	5410	6402	5760	5857	8.59	cps
Molybdenum	97-1	3467	2967	3351	3262	8.02	cps
Molybdenum	98-1	7994	8361	8344	8233	2.52	cps
Neodymium	150-1	407	560	580	516	18.39	cps
Neodymium	150-2	153	133	133	140	8.25	cps
Nickel	60-2	1980	1893	1753	1876	6.10	cps
Phosphorus	31-2	542	717	692	650	14.56	cps
Potassium	39-2	468557	478322	475376	474085	1.06	cps
Rhodium	103-1	16357170	16552340	17222285	16710598	2.72	cps
Rhodium	103-2	7028479	6994873	7123204	7048852	0.94	cps
Scandium	45-1	13243125	13860006	13961801	13688311	2.84	cps
Scandium	45-2	397115	403808	408708	403210	1.44	cps
Selenium	82-1	15	2	51	23	113.05	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	29	31	19	26	24.41	cps
Silicon	28-1	37825825	39423476	38925704	38725002	2.11	cps
Silver	107-1	675	533	617	608	11.70	cps
Silver	109-1	508	533	317	453	26.18	cps
Sodium	23-2	24023025	24515709	23914029	24150921	1.33	cps
Strontium	86-1	574777	589448	572846	579024	1.57	cps
Strontium	88-1	4945772	4863795	5046665	4952078	1.85	cps
Sulfur	34-1	1339331	1318582	1365692	1341201	1.76	cps
Terbium	159-1	20486568	21989859	21345649	21274025	3.55	cps
Terbium	159-2	8001228	7975717	7957578	7978174	0.27	cps
Thallium	203-1	483	558	542	528	7.46	cps
Thallium	205-1	1275	1333	1142	1250	7.86	cps
Tin	118-1	1892	1758	1934	1861	4.91	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-02	Instrumnet Name :	P8
Client Sample ID :	SW-CB-03-(1.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:37:25	DataFile Name :	067AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	13880	13418	23316	16871	33.11	cps
Uranium	238-1	4868	4593	4509	4657	4.03	cps
Vanadium	51-2	3457	3517	3687	3554	3.36	cps
Ytterbium	172-1	275	292	408	325	22.35	cps
Ytterbium	172-2	94	178	89	120	41.37	cps
Ytterbium	176-1	2209	2450	2267	2309	5.46	cps
Ytterbium	176-2	1695	1961	1550	1735	12.02	cps
Yttrium	89-1	29095793	29545716	30075985	29572498	1.66	cps
Yttrium	89-2	2818429	2766359	2838272	2807687	1.32	cps
Zinc	66-2	6795	6545	6855	6732	2.44	cps
Zirconium	90-1	3384	4293	4026	3901	11.98	cps
Zirconium	91-1	633	592	733	653	11.15	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:40:20	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5182	5139	4913	5078	2.85	cps
Antimony	121-1	2225	2384	2017	2209	8.33	cps
Arsenic	75-2	240	234	219	231	4.68	cps
Barium	135-1	129267	131117	132084	130822	1.09	cps
Barium	137-1	228014	223424	232453	227963	1.98	cps
Beryllium	9-1	98	90	86	91	6.69	cps
Bismuth	209-1	12707476	12516466	13149594	12791179	2.54	cps
Bismuth	209-2	5817954	5990034	5802619	5870202	1.77	cps
Boron	10-1	60206	61817	63148	61724	2.39	cps
Boron	11-1	284173	299162	297541	293625	2.80	cps
Bromine	81-1	66123	70971	76989	71361	7.63	cps
Cadmium	111-1	1643	1692	1643	1659	1.70	cps
Cadmium	106-1	8111	8294	8219	8208	1.12	cps
Cadmium	108-1	54	54	54	54	0.00	cps
Calcium	43-1	1178233	1169506	1191106	1179615	0.92	cps
Calcium	44-1	19072590	19152931	19215361	19146961	0.37	cps
Carbon	12-1	17774595	19306955	19938199	19006583	5.85	cps
Carbon	12-2	219667	222756	225927	222783	1.40	cps
Chlorine	35-1	1997942	2185985	2308624	2164184	7.23	cps
Chlorine	35-2	17277	18162	18621	18020	3.79	cps
Chromium	52-2	1717	1870	1917	1835	5.70	cps
Cobalt	59-2	820	797	937	851	8.81	cps
Copper	63-2	7529	7579	7262	7456	2.28	cps
Dysprosium	156-1	200	233	192	208	10.58	cps
Dysprosium	156-2	77	110	70	86	25.05	cps
Erbium	164-1	192	283	333	269	26.67	cps
Erbium	164-2	123	127	117	122	4.17	cps
Gadolinium	160-1	267	358	350	325	15.60	cps
Gadolinium	160-2	123	123	63	103	33.53	cps
Holmium	165-1	20443912	21328949	21894880	21222580	3.45	cps
Holmium	165-2	8367823	8347080	8553149	8422684	1.35	cps
Indium	115-1	17453887	17899858	18350280	17901342	2.50	cps
Indium	115-2	2309285	2349685	2298490	2319153	1.16	cps
Iron	54-2	24243	24856	24015	24371	1.78	cps
Iron	56-2	447259	424336	442102	437899	2.75	cps
Iron	57-2	10915	10838	11410	11055	2.81	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:40:20	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	570	520	447	512	12.11	cps
Lead	206-1	2984	2756	2595	2778	7.03	cps
Lead	207-1	2284	2239	2189	2237	2.11	cps
Lead	208-1	10657	10535	10457	10550	0.96	cps
Lithium	6-1	10537614	10580754	10993887	10704085	2.35	cps
Magnesium	24-2	2454123	2369866	2401872	2408621	1.77	cps
Manganese	55-2	165537	165685	162286	164503	1.17	cps
Molybdenum	94-1	3317	2917	3050	3095	6.58	cps
Molybdenum	95-1	4142	3917	4042	4034	2.80	cps
Molybdenum	96-1	4184	4292	5076	4518	10.77	cps
Molybdenum	97-1	2309	2542	2259	2370	6.38	cps
Molybdenum	98-1	5926	6327	6710	6321	6.20	cps
Neodymium	150-1	140	240	200	193	26.04	cps
Neodymium	150-2	53	43	47	48	10.66	cps
Nickel	60-2	1160	1153	1067	1127	4.62	cps
Phosphorus	31-2	642	717	817	725	12.11	cps
Potassium	39-2	409074	404736	407811	407207	0.55	cps
Rhodium	103-1	16500377	16305001	17281984	16695787	3.10	cps
Rhodium	103-2	7024558	7059179	7127002	7070246	0.74	cps
Scandium	45-1	13494809	13461126	14203478	13719805	3.06	cps
Scandium	45-2	400934	409396	412855	407728	1.50	cps
Selenium	82-1	-19	59	132	57	132.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	25	31	25	27	12.83	cps
Silicon	28-1	35677276	35968229	35208573	35618026	1.08	cps
Silver	107-1	375	333	300	336	11.18	cps
Silver	109-1	225	283	175	228	23.81	cps
Sodium	23-2	21779719	21538999	21422789	21580502	0.84	cps
Strontium	86-1	526114	526459	523807	525460	0.27	cps
Strontium	88-1	4430098	4484398	4471020	4461839	0.63	cps
Sulfur	34-1	1142858	1147911	1143358	1144709	0.24	cps
Terbium	159-1	21777673	21412503	22326978	21839051	2.11	cps
Terbium	159-2	8165830	8123731	8081559	8123707	0.52	cps
Thallium	203-1	433	408	525	456	13.48	cps
Thallium	205-1	1100	1258	1008	1122	11.27	cps
Tin	118-1	900	775	1718	1131	45.28	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-03	Instrumnet Name :	P8
Client Sample ID :	SW-CB-02-(0.3)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:40:20	DataFile Name :	068AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3434	3684	3517	3545	3.59	cps
Uranium	238-1	3259	2692	2834	2928	10.07	cps
Vanadium	51-2	3204	3374	3244	3274	2.72	cps
Ytterbium	172-1	258	200	275	244	16.11	cps
Ytterbium	172-2	133	44	117	98	48.14	cps
Ytterbium	176-1	2242	2409	2242	2297	4.19	cps
Ytterbium	176-2	1550	1756	1884	1730	9.72	cps
Yttrium	89-1	29001173	29372185	30472487	29615282	2.58	cps
Yttrium	89-2	2839304	2843016	2881286	2854535	0.81	cps
Zinc	66-2	3117	2977	2810	2968	5.17	cps
Zirconium	90-1	3018	2267	2509	2598	14.75	cps
Zirconium	91-1	467	650	650	589	17.97	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:43:19	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4875	4728	4640	4748	2.50	cps
Antimony	121-1	883	983	892	919	6.03	cps
Arsenic	75-2	130	136	113	126	9.44	cps
Barium	135-1	78763	82043	77875	79560	2.76	cps
Barium	137-1	140256	141233	138651	140047	0.93	cps
Beryllium	9-1	74	86	106	89	18.23	cps
Bismuth	209-1	13014189	12325125	12747874	12695730	2.74	cps
Bismuth	209-2	5657760	5851936	5986604	5832100	2.83	cps
Boron	10-1	20466	20308	20588	20454	0.69	cps
Boron	11-1	94379	94904	94325	94536	0.34	cps
Bromine	81-1	41624	45339	47087	44684	6.24	cps
Cadmium	111-1	1806	1673	1765	1748	3.90	cps
Cadmium	106-1	9020	8244	8778	8681	4.57	cps
Cadmium	108-1	63	25	46	44	42.27	cps
Calcium	43-1	667979	670405	669909	669431	0.19	cps
Calcium	44-1	10786209	10819674	10894050	10833311	0.51	cps
Carbon	12-1	14578181	15015830	16060222	15218078	5.00	cps
Carbon	12-2	181184	179648	183949	181594	1.20	cps
Chlorine	35-1	1763914	1813657	1856755	1811442	2.56	cps
Chlorine	35-2	12798	13148	12940	12962	1.36	cps
Chromium	52-2	1567	1563	1643	1591	2.84	cps
Cobalt	59-2	447	517	553	506	10.72	cps
Copper	63-2	4988	5031	4861	4960	1.78	cps
Dysprosium	156-1	208	258	350	272	26.39	cps
Dysprosium	156-2	80	83	93	86	8.11	cps
Erbium	164-1	292	400	425	372	19.04	cps
Erbium	164-2	140	160	153	151	6.74	cps
Gadolinium	160-1	408	450	592	483	19.88	cps
Gadolinium	160-2	157	150	143	150	4.44	cps
Holmium	165-1	21097081	20409744	21435612	20980812	2.49	cps
Holmium	165-2	8403695	8537042	8550766	8497168	0.96	cps
Indium	115-1	17604837	17746804	18559985	17970542	2.87	cps
Indium	115-2	2318441	2350512	2408593	2359182	1.94	cps
Iron	54-2	18329	18918	18763	18670	1.64	cps
Iron	56-2	322998	334562	323164	326908	2.03	cps
Iron	57-2	8714	8514	8141	8456	3.44	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:43:19	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	530	490	463	494	6.79	cps
Lead	206-1	2272	2095	1934	2100	8.07	cps
Lead	207-1	1700	1761	1767	1743	2.12	cps
Lead	208-1	8557	8290	8312	8386	1.77	cps
Lithium	6-1	10719634	10510885	10813776	10681432	1.45	cps
Magnesium	24-2	1762608	1787121	1787987	1779239	0.81	cps
Manganese	55-2	24705	24985	24788	24826	0.58	cps
Molybdenum	94-1	2642	2717	2750	2703	2.05	cps
Molybdenum	95-1	3476	3634	3626	3578	2.49	cps
Molybdenum	96-1	3934	3684	3817	3812	3.28	cps
Molybdenum	97-1	2209	2250	2034	2164	5.31	cps
Molybdenum	98-1	5418	5351	5168	5312	2.44	cps
Neodymium	150-1	353	287	427	356	19.70	cps
Neodymium	150-2	110	123	130	121	8.41	cps
Nickel	60-2	627	457	483	522	17.51	cps
Phosphorus	31-2	142	117	142	133	10.83	cps
Potassium	39-2	312783	309190	316110	312695	1.11	cps
Rhodium	103-1	16591963	16901057	16458837	16650619	1.36	cps
Rhodium	103-2	7158735	7245531	7421889	7275385	1.84	cps
Scandium	45-1	13618287	13632279	13908946	13719837	1.19	cps
Scandium	45-2	402823	413043	416281	410715	1.71	cps
Selenium	82-1	32	63	117	71	61.17	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	25	21	34	27	24.97	cps
Silicon	28-1	21301700	20572303	21624188	21166063	2.55	cps
Silver	107-1	258	267	267	264	1.82	cps
Silver	109-1	150	133	125	136	9.35	cps
Sodium	23-2	9842985	9818901	9919599	9860495	0.53	cps
Strontium	86-1	349281	350562	348527	349457	0.29	cps
Strontium	88-1	2990919	3034521	3043740	3023060	0.93	cps
Sulfur	34-1	748168	746922	740292	745128	0.57	cps
Terbium	159-1	21532358	21319139	21640066	21497187	0.76	cps
Terbium	159-2	8200101	8283205	8454158	8312488	1.56	cps
Thallium	203-1	475	383	350	403	16.07	cps
Thallium	205-1	1058	1125	983	1056	6.71	cps
Tin	118-1	1075	1008	867	983	10.82	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:43:19	DataFile Name :	069AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3376	3234	13443	6684	87.58	cps
Uranium	238-1	4209	4526	3934	4223	7.01	cps
Vanadium	51-2	1840	1760	1933	1845	4.70	cps
Ytterbium	172-1	233	142	167	181	26.24	cps
Ytterbium	172-2	100	72	106	93	19.29	cps
Ytterbium	176-1	2450	2150	2067	2222	9.07	cps
Ytterbium	176-2	1622	1711	1595	1643	3.71	cps
Yttrium	89-1	30066245	29445964	30719311	30077173	2.12	cps
Yttrium	89-2	2841551	2892722	2995963	2910079	2.70	cps
Zinc	66-2	1387	1327	1363	1359	2.23	cps
Zirconium	90-1	2009	2059	2134	2067	3.04	cps
Zirconium	91-1	467	358	433	419	13.23	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 16:49:15	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1027	1045	894	989	8.37	cps
Antimony	121-1	283	325	233	281	16.36	cps
Arsenic	75-2	40	18	24	27	41.61	cps
Barium	135-1	15960	16018	16736	16238	2.66	cps
Barium	137-1	27211	27019	27170	27133	0.37	cps
Beryllium	9-1	44	42	74	53	33.62	cps
Bismuth	209-1	12723991	13024372	12570019	12772794	1.81	cps
Bismuth	209-2	5936143	6000698	5921813	5952885	0.71	cps
Boron	10-1	6552	6430	6372	6451	1.42	cps
Boron	11-1	29912	30255	30624	30264	1.18	cps
Bromine	81-1	17068	18251	18180	17833	3.72	cps
Cadmium	111-1	1770	1754	1622	1715	4.75	cps
Cadmium	106-1	8803	8878	7994	8558	5.73	cps
Cadmium	108-1	46	54	21	40	43.08	cps
Calcium	43-1	132375	132109	133828	132771	0.70	cps
Calcium	44-1	2206826	2174912	2229587	2203775	1.25	cps
Carbon	12-1	7519701	7395206	7421822	7445576	0.88	cps
Carbon	12-2	82481	78132	78419	79677	3.05	cps
Chlorine	35-1	1015956	1013804	1001132	1010297	0.79	cps
Chlorine	35-2	6468	6627	6360	6485	2.07	cps
Chromium	52-2	863	900	840	868	3.49	cps
Cobalt	59-2	120	140	110	123	12.39	cps
Copper	63-2	1487	1550	1680	1572	6.27	cps
Dysprosium	156-1	108	42	58	69	49.96	cps
Dysprosium	156-2	13	17	13	14	13.35	cps
Erbium	164-1	225	208	208	214	4.50	cps
Erbium	164-2	67	50	73	63	18.98	cps
Gadolinium	160-1	217	192	200	203	6.28	cps
Gadolinium	160-2	107	90	87	94	11.35	cps
Holmium	165-1	20899381	20997219	20573277	20823292	1.07	cps
Holmium	165-2	8448600	8539850	8365791	8451414	1.03	cps
Indium	115-1	17917409	18207448	17440251	17855036	2.17	cps
Indium	115-2	2325306	2338327	2384957	2349530	1.33	cps
Iron	54-2	3639	3739	3712	3697	1.40	cps
Iron	56-2	64513	64959	62989	64154	1.61	cps
Iron	57-2	1561	1761	1650	1658	6.05	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 16:49:15	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	577	577	480	544	10.25	cps
Lead	206-1	1117	1095	1261	1157	7.82	cps
Lead	207-1	833	750	939	841	11.26	cps
Lead	208-1	4267	4239	4400	4302	2.00	cps
Lithium	6-1	10496395	11017413	10020748	10511519	4.74	cps
Magnesium	24-2	347113	340408	343293	343605	0.98	cps
Manganese	55-2	5038	4724	5004	4922	3.50	cps
Molybdenum	94-1	958	850	958	922	6.78	cps
Molybdenum	95-1	683	650	783	706	9.83	cps
Molybdenum	96-1	950	1017	942	970	4.24	cps
Molybdenum	97-1	425	483	433	447	7.06	cps
Molybdenum	98-1	992	1208	1408	1203	17.33	cps
Neodymium	150-1	67	53	67	62	12.38	cps
Neodymium	150-2	30	7	37	24	64.43	cps
Nickel	60-2	133	163	120	139	15.98	cps
Phosphorus	31-2	100	92	133	108	20.35	cps
Potassium	39-2	71946	69928	70983	70952	1.42	cps
Rhodium	103-1	17128986	17345946	16770891	17081941	1.70	cps
Rhodium	103-2	7322421	7066897	7274288	7221202	1.88	cps
Scandium	45-1	13481603	13940411	13366574	13596196	2.23	cps
Scandium	45-2	411495	413835	409078	411469	0.58	cps
Selenium	82-1	-33	-18	106	18	413.05	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	16	16	25	19	27.35	cps
Silicon	28-1	4363206	4347158	4264704	4325023	1.22	cps
Silver	107-1	183	242	167	197	19.97	cps
Silver	109-1	125	83	92	100	22.04	cps
Sodium	23-2	1958840	1933841	1933829	1942170	0.74	cps
Strontium	86-1	69976	70026	68578	69527	1.18	cps
Strontium	88-1	592899	583606	596713	591073	1.14	cps
Sulfur	34-1	546469	542161	546454	545028	0.46	cps
Terbium	159-1	21532231	21700555	20487512	21240099	3.09	cps
Terbium	159-2	8264263	8243387	8325907	8277852	0.52	cps
Thallium	203-1	375	408	325	369	11.35	cps
Thallium	205-1	700	608	708	672	8.25	cps
Tin	118-1	733	692	775	733	5.68	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04LX5	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)L	Dilution Factor :	5
Date & Time Acquired ::	2021-09-17 16:49:15	DataFile Name :	071AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1033	725	867	875	17.64	cps
Uranium	238-1	800	742	708	750	6.19	cps
Vanadium	51-2	420	333	347	367	12.73	cps
Ytterbium	172-1	83	50	67	67	25.00	cps
Ytterbium	172-2	39	11	33	28	52.92	cps
Ytterbium	176-1	2500	2067	2134	2234	10.45	cps
Ytterbium	176-2	1528	1489	1645	1554	5.21	cps
Yttrium	89-1	29536276	30432787	29382460	29783841	1.90	cps
Yttrium	89-2	2835225	2860012	2957609	2884282	2.24	cps
Zinc	66-2	370	303	440	371	18.42	cps
Zirconium	90-1	1700	1650	1542	1631	4.96	cps
Zirconium	91-1	325	325	350	333	4.33	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:52:13	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4660	4671	5007	4779	4.12	cps
Antimony	121-1	950	850	1033	945	9.72	cps
Arsenic	75-2	112	141	114	122	13.24	cps
Barium	135-1	80070	78612	76969	78551	1.97	cps
Barium	137-1	139804	136013	133927	136581	2.18	cps
Beryllium	9-1	76	86	76	79	7.27	cps
Bismuth	209-1	12563979	12436763	12546155	12515632	0.55	cps
Bismuth	209-2	5888403	6297591	6236900	6140965	3.60	cps
Boron	10-1	15451	15681	15697	15610	0.88	cps
Boron	11-1	70594	73070	73206	72290	2.03	cps
Bromine	81-1	31899	36194	38522	35538	9.45	cps
Cadmium	111-1	1665	1706	1715	1695	1.58	cps
Cadmium	106-1	8445	8603	8553	8533	0.95	cps
Cadmium	108-1	58	50	42	50	16.66	cps
Calcium	43-1	680239	667557	651070	666288	2.20	cps
Calcium	44-1	10893020	10852801	10567187	10771002	1.65	cps
Carbon	12-1	13699313	14597321	15035173	14443935	4.71	cps
Carbon	12-2	171850	171966	175640	173152	1.24	cps
Chlorine	35-1	1271368	1339009	1365968	1325448	3.68	cps
Chlorine	35-2	10346	10421	11472	10746	5.86	cps
Chromium	52-2	1580	1760	1450	1597	9.75	cps
Cobalt	59-2	630	467	537	544	15.05	cps
Copper	63-2	5154	4848	4814	4939	3.80	cps
Dysprosium	156-1	250	292	200	247	18.56	cps
Dysprosium	156-2	113	87	100	100	13.33	cps
Erbium	164-1	392	400	267	353	21.17	cps
Erbium	164-2	153	160	160	158	2.44	cps
Gadolinium	160-1	342	358	458	386	16.34	cps
Gadolinium	160-2	200	197	173	190	7.65	cps
Holmium	165-1	20819560	20214160	20881546	20638422	1.79	cps
Holmium	165-2	8690837	9023455	8855733	8856675	1.88	cps
Indium	115-1	17679547	17160716	17940713	17593658	2.26	cps
Indium	115-2	2335514	2528838	2418070	2427474	4.00	cps
Iron	54-2	17717	17628	18384	17910	2.31	cps
Iron	56-2	342080	318595	319974	326883	4.03	cps
Iron	57-2	8353	8336	8436	8375	0.64	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:52:13	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	477	533	483	498	6.22	cps
Lead	206-1	1939	2128	1872	1980	6.70	cps
Lead	207-1	1595	1756	1628	1659	5.13	cps
Lead	208-1	7784	7873	7468	7708	2.77	cps
Lithium	6-1	10220597	9947480	10462593	10210223	2.52	cps
Magnesium	24-2	1775599	1727314	1766788	1756567	1.46	cps
Manganese	55-2	24331	23550	24201	24027	1.74	cps
Molybdenum	94-1	2692	2692	2567	2650	2.72	cps
Molybdenum	95-1	3492	3709	3342	3514	5.25	cps
Molybdenum	96-1	3792	3517	3776	3695	4.17	cps
Molybdenum	97-1	1800	2000	2150	1984	8.85	cps
Molybdenum	98-1	5443	5201	5084	5243	3.49	cps
Neodymium	150-1	387	340	340	356	7.58	cps
Neodymium	150-2	90	97	100	96	5.33	cps
Nickel	60-2	567	543	600	570	5.00	cps
Phosphorus	31-2	150	200	150	167	17.32	cps
Potassium	39-2	305231	301377	307532	304713	1.02	cps
Rhodium	103-1	16752457	16156299	16771798	16560185	2.11	cps
Rhodium	103-2	7137994	7823631	7509351	7490325	4.58	cps
Scandium	45-1	13430489	13065698	13602975	13366387	2.05	cps
Scandium	45-2	417092	446201	424547	429280	3.52	cps
Selenium	82-1	91	13	121	75	74.67	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	32	25	25	27	14.79	cps
Silicon	28-1	22472480	21977853	20747797	21732710	4.09	cps
Silver	107-1	267	242	225	244	8.58	cps
Silver	109-1	83	92	58	78	22.31	cps
Sodium	23-2	9627252	9612453	9903159	9714288	1.69	cps
Strontium	86-1	351100	341203	342440	344914	1.56	cps
Strontium	88-1	3119784	2961583	2974879	3018749	2.91	cps
Sulfur	34-1	770658	759008	744527	758064	1.73	cps
Terbium	159-1	21600971	20377375	21705125	21227824	3.48	cps
Terbium	159-2	8400525	8844075	8515144	8586581	2.68	cps
Thallium	203-1	383	267	367	339	18.62	cps
Thallium	205-1	700	575	792	689	15.79	cps
Tin	118-1	875	842	1075	931	13.56	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04DUP	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)DUP	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:52:13	DataFile Name :	072AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4911	3734	3484	4043	18.85	cps
Uranium	238-1	4368	4167	4401	4312	2.93	cps
Vanadium	51-2	1863	1903	1817	1861	2.33	cps
Ytterbium	172-1	192	192	250	211	15.95	cps
Ytterbium	172-2	117	83	111	104	17.22	cps
Ytterbium	176-1	2234	2225	2359	2273	3.29	cps
Ytterbium	176-2	1456	1767	1750	1658	10.56	cps
Yttrium	89-1	30200159	28150057	29521937	29290718	3.57	cps
Yttrium	89-2	2926897	3073368	3002821	3001029	2.44	cps
Zinc	66-2	1330	1407	1337	1358	3.13	cps
Zirconium	90-1	2234	1850	2167	2084	9.83	cps
Zirconium	91-1	392	400	392	394	1.22	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:55:12	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17868	20078	17700	18549	7.16	cps
Antimony	121-1	2067	2150	1967	2061	4.45	cps
Arsenic	75-2	807	871	807	828	4.46	cps
Barium	135-1	111575	116441	113441	113819	2.16	cps
Barium	137-1	194047	199769	199413	197743	1.62	cps
Beryllium	9-1	132	198	164	165	20.04	cps
Bismuth	209-1	13304075	12814033	12819779	12979296	2.17	cps
Bismuth	209-2	6132075	6370208	6032867	6178383	2.81	cps
Boron	10-1	20765	22046	22567	21793	4.26	cps
Boron	11-1	99034	103690	107807	103510	4.24	cps
Bromine	81-1	19393	19995	19824	19737	1.57	cps
Cadmium	111-1	1881	1867	1742	1830	4.18	cps
Cadmium	106-1	8861	8820	8436	8706	2.69	cps
Cadmium	108-1	42	38	29	36	17.62	cps
Calcium	43-1	499906	502487	507631	503342	0.78	cps
Calcium	44-1	8088962	8189216	8326431	8201536	1.45	cps
Carbon	12-1	19876988	21316617	22050923	21081509	5.25	cps
Carbon	12-2	240964	240648	242869	241494	0.50	cps
Chlorine	35-1	1137022	1147124	1162622	1148923	1.12	cps
Chlorine	35-2	8044	8094	7869	8002	1.48	cps
Chromium	52-2	8519	8266	8623	8469	2.17	cps
Cobalt	59-2	7069	7219	7229	7172	1.25	cps
Copper	63-2	26214	26134	25790	26046	0.86	cps
Dysprosium	156-1	1183	1050	1042	1092	7.28	cps
Dysprosium	156-2	480	550	387	472	17.35	cps
Erbium	164-1	1167	1467	1208	1281	12.69	cps
Erbium	164-2	537	497	530	521	4.11	cps
Gadolinium	160-1	1308	1458	1175	1314	10.79	cps
Gadolinium	160-2	647	603	630	627	3.49	cps
Holmium	165-1	21266401	20844630	20309483	20806838	2.30	cps
Holmium	165-2	8764095	8961113	8483918	8736375	2.74	cps
Indium	115-1	18180517	17932678	17733562	17948919	1.25	cps
Indium	115-2	2485213	2509018	2363027	2452420	3.19	cps
Iron	54-2	357387	360416	356266	358023	0.60	cps
Iron	56-2	6526760	6601577	6416634	6514990	1.43	cps
Iron	57-2	162792	163207	163854	163284	0.33	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:55:12	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	537	510	517	521	2.66	cps
Lead	206-1	15776	15421	15993	15730	1.84	cps
Lead	207-1	13335	12762	13329	13142	2.50	cps
Lead	208-1	61285	60596	62488	61456	1.56	cps
Lithium	6-1	10823730	10521954	10289359	10545014	2.54	cps
Magnesium	24-2	756748	768072	747589	757470	1.35	cps
Manganese	55-2	722708	723461	714204	720124	0.71	cps
Molybdenum	94-1	4834	7475	5034	5781	25.43	cps
Molybdenum	95-1	5751	6260	5701	5904	5.23	cps
Molybdenum	96-1	6377	6352	5985	6238	3.52	cps
Molybdenum	97-1	3642	3592	3459	3564	2.66	cps
Molybdenum	98-1	8728	8886	9203	8939	2.71	cps
Neodymium	150-1	1540	1407	1587	1511	6.18	cps
Neodymium	150-2	407	437	383	409	6.54	cps
Nickel	60-2	4347	4411	4361	4373	0.76	cps
Phosphorus	31-2	1400	1550	1475	1475	5.09	cps
Potassium	39-2	864022	859566	870281	864623	0.62	cps
Rhodium	103-1	17224373	16973131	16606820	16934775	1.83	cps
Rhodium	103-2	7577122	7751887	7310554	7546521	2.95	cps
Scandium	45-1	14127508	13774128	13579635	13827090	2.01	cps
Scandium	45-2	426023	436209	423551	428594	1.57	cps
Selenium	82-1	-30	31	27	9	366.02	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	33	34	38	35	7.56	cps
Silicon	28-1	21809688	21528922	21702140	21680250	0.65	cps
Silver	107-1	725	675	817	739	9.72	cps
Silver	109-1	625	808	725	719	12.76	cps
Sodium	23-2	5855895	5965259	5809700	5876951	1.36	cps
Strontium	86-1	279452	276996	282969	279806	1.07	cps
Strontium	88-1	2392561	2417032	2448226	2419273	1.15	cps
Sulfur	34-1	698053	693913	683810	691925	1.06	cps
Terbium	159-1	21813539	21854536	21501516	21723197	0.89	cps
Terbium	159-2	8629855	8847816	8280961	8586210	3.33	cps
Thallium	203-1	400	275	267	314	23.80	cps
Thallium	205-1	825	775	708	769	7.61	cps
Tin	118-1	3175	3159	3092	3142	1.40	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-05	Instrumnet Name :	P8
Client Sample ID :	SW-CB-04-(1.5)	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:55:12	DataFile Name :	073AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	14408	16709	15502	15540	7.41	cps
Uranium	238-1	3084	2784	2900	2923	5.18	cps
Vanadium	51-2	5158	5168	5208	5178	0.51	cps
Ytterbium	172-1	458	408	392	419	8.27	cps
Ytterbium	172-2	189	206	272	222	19.84	cps
Ytterbium	176-1	2567	2359	2334	2420	5.30	cps
Ytterbium	176-2	1500	1789	1672	1654	8.79	cps
Yttrium	89-1	30333613	30403790	29420965	30052790	1.82	cps
Yttrium	89-2	2996279	3121227	2910317	3009274	3.52	cps
Zinc	66-2	21597	21737	21874	21736	0.64	cps
Zirconium	90-1	3726	5077	4318	4373	15.48	cps
Zirconium	91-1	900	1183	1017	1033	13.78	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:58:09	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	714968	700810	707843	707874	1.00	cps
Antimony	121-1	3732639	3690951	3782604	3735398	1.23	cps
Arsenic	75-2	109400	107733	108275	108469	0.78	cps
Barium	135-1	4930957	4740386	5042362	4904568	3.11	cps
Barium	137-1	8498270	8378649	8335563	8404161	1.00	cps
Beryllium	9-1	1520513	1541525	1573385	1545141	1.72	cps
Bismuth	209-1	12630353	12670106	12389113	12563191	1.21	cps
Bismuth	209-2	5534839	5872968	6094229	5834012	4.83	cps
Boron	10-1	187607	197888	198954	194816	3.22	cps
Boron	11-1	857996	841604	863932	854511	1.35	cps
Bromine	81-1	27887	31278	32612	30592	7.96	cps
Cadmium	111-1	987564	989868	1007290	994907	1.08	cps
Cadmium	106-1	124635	121642	123519	123266	1.23	cps
Cadmium	108-1	81825	82797	84490	83037	1.62	cps
Calcium	43-1	2213482	2241052	2175633	2210056	1.49	cps
Calcium	44-1	35659778	35540134	35006023	35401978	0.98	cps
Carbon	12-1	15040948	15787260	16278481	15702230	3.97	cps
Carbon	12-2	181588	188179	189427	186398	2.26	cps
Chlorine	35-1	1268506	1338403	1384949	1330619	4.40	cps
Chlorine	35-2	10062	10421	10462	10315	2.13	cps
Chromium	52-2	1195265	1198157	1192401	1195274	0.24	cps
Cobalt	59-2	2229318	2232209	2166565	2209364	1.68	cps
Copper	63-2	17777608	17145849	17908689	17610715	2.32	cps
Dysprosium	156-1	500	475	525	500	5.00	cps
Dysprosium	156-2	177	200	167	181	9.44	cps
Erbium	164-1	350	392	342	361	7.42	cps
Erbium	164-2	143	203	133	160	23.66	cps
Gadolinium	160-1	592	533	675	600	11.87	cps
Gadolinium	160-2	323	237	260	273	16.41	cps
Holmium	165-1	21523248	21871511	20790673	21395144	2.58	cps
Holmium	165-2	8045254	8519124	9026133	8530170	5.75	cps
Indium	115-1	17647829	17961376	17429683	17679629	1.51	cps
Indium	115-2	2168302	2321193	2412525	2300673	5.36	cps
Iron	54-2	2792641	2802118	2743161	2779307	1.14	cps
Iron	56-2	49311662	47826648	49048909	48729073	1.63	cps
Iron	57-2	1221173	1215732	1235295	1224067	0.82	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:58:09	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	530	543	544	2.76	cps
Lead	206-1	15185832	14900518	14844302	14976884	1.22	cps
Lead	207-1	13207809	13218085	13191678	13205857	0.10	cps
Lead	208-1	60243976	59790864	60008648	60014496	0.38	cps
Lithium	6-1	10507433	11035608	10360708	10634583	3.34	cps
Magnesium	24-2	12347771	12054948	12242979	12215233	1.21	cps
Manganese	55-2	6453035	6338794	6336693	6376174	1.04	cps
Molybdenum	94-1	13339576	13367868	13425090	13377512	0.33	cps
Molybdenum	95-1	19070042	19018617	19283379	19124012	0.73	cps
Molybdenum	96-1	20725820	20892116	20842625	20820187	0.41	cps
Molybdenum	97-1	11725169	11807359	11850942	11794490	0.54	cps
Molybdenum	98-1	30569934	30768697	30979334	30772655	0.67	cps
Neodymium	150-1	487	527	613	542	11.94	cps
Neodymium	150-2	127	70	107	101	28.42	cps
Nickel	60-2	574969	570320	571815	572368	0.41	cps
Phosphorus	31-2	100	250	175	175	42.86	cps
Potassium	39-2	3668114	3744843	3668483	3693813	1.20	cps
Rhodium	103-1	16450793	16669721	16359395	16493303	0.97	cps
Rhodium	103-2	6682221	7193951	7313897	7063356	4.75	cps
Scandium	45-1	13926728	14079145	13428145	13811339	2.47	cps
Scandium	45-2	391323	413018	437365	413902	5.57	cps
Selenium	82-1	79408	78786	78943	79046	0.41	cps
Selenium	77-2	2147	2017	1963	2042	4.62	cps
Selenium	78-2	6944	6950	7083	6992	1.12	cps
Silicon	28-1	23393209	23776322	23526164	23565232	0.83	cps
Silver	107-1	2183214	2044523	1747764	1991834	11.17	cps
Silver	109-1	1845451	1737972	1542271	1708565	9.00	cps
Sodium	23-2	29265339	28675251	29301548	29080712	1.21	cps
Strontium	86-1	13639611	13579355	13929702	13716223	1.37	cps
Strontium	88-1	117334328	114563473	117669698	116522500	1.46	cps
Sulfur	34-1	706417	699332	699844	701864	0.56	cps
Terbium	159-1	21612758	21737455	21417181	21589131	0.75	cps
Terbium	159-2	7773176	8265741	8735642	8258186	5.83	cps
Thallium	203-1	3591951	3527869	3588968	3569596	1.01	cps
Thallium	205-1	8702229	8353532	8471993	8509251	2.08	cps
Tin	118-1	3360905	3347779	3438299	3382328	1.45	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MS	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MS	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 16:58:09	DataFile Name :	074AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6231998	6224519	6151556	6202691	0.72	cps
Uranium	238-1	11043820	11347211	11454852	11281961	1.89	cps
Vanadium	51-2	980356	966128	969954	972146	0.76	cps
Ytterbium	172-1	208	233	233	225	6.41	cps
Ytterbium	172-2	94	94	100	96	3.33	cps
Ytterbium	176-1	2259	2100	2275	2211	4.37	cps
Ytterbium	176-2	1433	1622	1739	1598	9.65	cps
Yttrium	89-1	29509550	29677935	29036170	29407885	1.13	cps
Yttrium	89-2	2744136	2869450	2998110	2870566	4.42	cps
Zinc	66-2	2015363	1974262	2048537	2012721	1.85	cps
Zirconium	90-1	7002357	6992078	7042568	7012334	0.38	cps
Zirconium	91-1	1567327	1549663	1591743	1569578	1.35	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCV47 Instrumnet Name : P8
 Client Sample ID : CCV47 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 17:05:54 DataFile Name : 075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3296083	3221441	3377045	3298190	2.36	cps
Antimony	121-1	3536137	3546007	3566781	3549642	0.44	cps
Arsenic	75-2	107743	107367	107124	107411	0.29	cps
Barium	135-1	4528064	4511644	4462739	4500816	0.76	cps
Barium	137-1	7708612	7943655	7642732	7765000	2.04	cps
Beryllium	9-1	1441654	1437440	1490437	1456510	2.02	cps
Bismuth	209-1	11630861	11876009	11814209	11773693	1.08	cps
Bismuth	209-2	5513512	5554492	5581752	5549919	0.62	cps
Boron	10-1	166134	174192	180655	173661	4.19	cps
Boron	11-1	763075	808477	832908	801487	4.42	cps
Bromine	81-1	7370	7310	7239	7306	0.89	cps
Cadmium	111-1	982349	1006739	991453	993514	1.24	cps
Cadmium	106-1	120509	123694	122862	122355	1.35	cps
Cadmium	108-1	78723	79943	79230	79299	0.77	cps
Calcium	43-1	7280899	7291178	7261248	7277775	0.21	cps
Calcium	44-1	116241500	114969519	119170464	116793828	1.84	cps
Carbon	12-1	6448750	6620538	6734719	6601336	2.18	cps
Carbon	12-2	77237	78426	79314	78325	1.33	cps
Chlorine	35-1	492806	491618	487137	490520	0.61	cps
Chlorine	35-2	3526	3626	3259	3470	5.46	cps
Chromium	52-2	1153388	1162239	1156114	1157247	0.39	cps
Cobalt	59-2	2102243	2093744	2078654	2091547	0.57	cps
Copper	63-2	15832082	15839728	15561736	15744515	1.01	cps
Dysprosium	156-1	658	683	675	672	1.89	cps
Dysprosium	156-2	313	273	363	317	14.24	cps
Erbium	164-1	250	283	258	264	6.57	cps
Erbium	164-2	110	153	100	121	23.41	cps
Gadolinium	160-1	900	958	900	920	3.66	cps
Gadolinium	160-2	370	393	427	397	7.18	cps
Holmium	165-1	20181621	20971480	20133417	20428839	2.30	cps
Holmium	165-2	8517739	8475236	8500967	8497981	0.25	cps
Indium	115-1	16937086	16844818	16756986	16846297	0.53	cps
Indium	115-2	2275985	2277483	2262983	2272150	0.35	cps
Iron	54-2	12520422	12658616	12716740	12631926	0.80	cps
Iron	56-2	224286677	227608872	227513105	226469551	0.84	cps
Iron	57-2	5892307	5779009	5771581	5814299	1.16	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:05:54	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	510	563	537	537	4.97	cps
Lead	206-1	13730983	14232599	14261034	14074872	2.12	cps
Lead	207-1	12037901	12170977	12369895	12192924	1.37	cps
Lead	208-1	54899113	56620093	56250096	55923100	1.62	cps
Lithium	6-1	10225208	9897393	9810427	9977676	2.19	cps
Magnesium	24-2	50025388	50065815	49868684	49986629	0.21	cps
Manganese	55-2	5916051	5983037	6014635	5971241	0.84	cps
Molybdenum	94-1	7967657	8215167	8090767	8091197	1.53	cps
Molybdenum	95-1	9774046	10185559	9835959	9931855	2.23	cps
Molybdenum	96-1	10800479	10870513	11036549	10902514	1.11	cps
Molybdenum	97-1	5986133	6053869	5948808	5996270	0.89	cps
Molybdenum	98-1	15610256	16018014	15501112	15709794	1.73	cps
Neodymium	150-1	213	340	233	262	25.97	cps
Neodymium	150-2	47	23	23	31	43.32	cps
Nickel	60-2	581195	585466	570778	579146	1.30	cps
Phosphorus	31-2	33773	33456	33757	33662	0.53	cps
Potassium	39-2	15842241	16235900	16102765	16060302	1.25	cps
Rhodium	103-1	15370721	15518584	15154156	15347820	1.19	cps
Rhodium	103-2	6699724	6752722	6938269	6796905	1.84	cps
Scandium	45-1	13241596	13120855	13344470	13235640	0.85	cps
Scandium	45-2	404335	410941	412355	409210	1.05	cps
Selenium	82-1	76556	77900	77844	77434	0.98	cps
Selenium	77-2	1947	2044	2137	2042	4.65	cps
Selenium	78-2	6947	6996	7013	6986	0.49	cps
Silicon	28-1	3445112	3574531	3628495	3549380	2.66	cps
Silver	107-1	4623347	4682318	4684118	4663261	0.74	cps
Silver	109-1	4430379	4597227	4526571	4518059	1.85	cps
Sodium	23-2	97091496	98894869	97041063	97675809	1.08	cps
Strontium	86-1	13306192	13219259	13309087	13278179	0.38	cps
Strontium	88-1	114113211	113039536	115054940	114069229	0.88	cps
Sulfur	34-1	894597	892521	888068	891729	0.37	cps
Terbium	159-1	21521334	21707917	21375531	21534927	0.77	cps
Terbium	159-2	8118384	8195466	8313844	8209232	1.20	cps
Thallium	203-1	3477261	3557687	3540843	3525264	1.20	cps
Thallium	205-1	8235531	8417083	8207214	8286610	1.37	cps
Tin	118-1	3189706	3106440	3149174	3148440	1.32	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV47	Instrumnet Name :	P8
Client Sample ID :	CCV47	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:05:54	DataFile Name :	075CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3259966	3289938	3377818	3309241	1.85	cps
Uranium	238-1	10698188	10874801	10969890	10847626	1.27	cps
Vanadium	51-2	939430	940096	946371	941966	0.41	cps
Ytterbium	172-1	67	42	33	47	36.74	cps
Ytterbium	172-2	39	17	28	28	39.99	cps
Ytterbium	176-1	16903	17495	16452	16950	3.09	cps
Ytterbium	176-2	7719	8014	7786	7840	1.97	cps
Yttrium	89-1	29307330	28733628	28998756	29013238	0.99	cps
Yttrium	89-2	2880553	2858564	2875343	2871487	0.40	cps
Zinc	66-2	1788426	1769487	1776492	1778135	0.54	cps
Zirconium	90-1	7066229	7096273	7145733	7102745	0.57	cps
Zirconium	91-1	1564769	1618542	1572057	1585122	1.84	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P8
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 17:15:17 DataFile Name : 076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	96	109	101	6.83	cps
Antimony	121-1	350	392	600	447	29.95	cps
Arsenic	75-2	5	5	12	7	55.11	cps
Barium	135-1	192	167	192	183	7.87	cps
Barium	137-1	183	250	208	214	15.75	cps
Beryllium	9-1	60	86	64	70	20.00	cps
Bismuth	209-1	13422203	11773810	13027284	12741099	6.75	cps
Bismuth	209-2	6209403	6084078	5949488	6080989	2.14	cps
Boron	10-1	4946	5136	4724	4935	4.18	cps
Boron	11-1	23064	21940	22567	22523	2.50	cps
Bromine	81-1	6468	6238	6038	6248	3.45	cps
Cadmium	111-1	1674	1495	1667	1612	6.28	cps
Cadmium	106-1	8369	7335	8353	8019	7.39	cps
Cadmium	108-1	71	25	58	51	46.10	cps
Calcium	43-1	331	325	362	340	5.92	cps
Calcium	44-1	18487	18182	18764	18478	1.58	cps
Carbon	12-1	4491594	4528581	4534746	4518307	0.52	cps
Carbon	12-2	47577	48146	46984	47569	1.22	cps
Chlorine	35-1	299029	293939	293668	295545	1.02	cps
Chlorine	35-2	2017	1842	1817	1892	5.76	cps
Chromium	52-2	690	680	640	670	3.95	cps
Cobalt	59-2	103	100	130	111	14.80	cps
Copper	63-2	827	993	963	928	9.58	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	100	108	208	139	43.41	cps
Erbium	164-2	43	30	40	38	18.36	cps
Gadolinium	160-1	275	183	167	208	28.00	cps
Gadolinium	160-2	30	23	20	24	20.83	cps
Holmium	165-1	21712465	18573723	20097295	20127828	7.80	cps
Holmium	165-2	8801223	8659915	8236657	8565931	3.43	cps
Indium	115-1	18571012	15701950	17514360	17262440	8.41	cps
Indium	115-2	2440242	2362404	2341589	2381412	2.18	cps
Iron	54-2	378	428	400	402	6.23	cps
Iron	56-2	3073	3150	3534	3252	7.59	cps
Iron	57-2	61	72	94	76	22.36	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB47 Instrumnet Name : P8
 Client Sample ID : CCB47 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 17:15:17 DataFile Name : 076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	610	573	581	4.46	cps
Lead	206-1	1250	1256	1267	1257	0.67	cps
Lead	207-1	1072	1117	1145	1111	3.28	cps
Lead	208-1	5134	5189	4934	5086	2.64	cps
Lithium	6-1	10989881	9900595	10318195	10402890	5.28	cps
Magnesium	24-2	592	517	717	608	16.61	cps
Manganese	55-2	277	297	203	259	18.98	cps
Molybdenum	94-1	858	683	633	725	16.30	cps
Molybdenum	95-1	475	283	175	311	48.83	cps
Molybdenum	96-1	433	408	408	417	3.46	cps
Molybdenum	97-1	250	142	117	169	41.83	cps
Molybdenum	98-1	625	333	483	481	30.35	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	30	43	33	36	19.51	cps
Phosphorus	31-2	75	92	58	75	22.23	cps
Potassium	39-2	11788	11505	11480	11591	1.48	cps
Rhodium	103-1	17788953	14831969	16506076	16375666	9.05	cps
Rhodium	103-2	7568336	7266552	7375752	7403546	2.06	cps
Scandium	45-1	14172939	12053038	13410755	13212244	8.13	cps
Scandium	45-2	417609	413569	403317	411498	1.79	cps
Selenium	82-1	-35	-85	-33	-51	-58.14	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	24	20	36	27	31.22	cps
Silicon	28-1	284277	285184	280319	283260	0.91	cps
Silver	107-1	708	625	558	631	11.92	cps
Silver	109-1	617	633	383	544	25.67	cps
Sodium	23-2	20081	19839	21425	20448	4.18	cps
Strontium	86-1	1083	975	883	981	10.21	cps
Strontium	88-1	1542	1300	1475	1439	8.67	cps
Sulfur	34-1	467797	468304	466281	467461	0.23	cps
Terbium	159-1	22159616	18924946	21209891	20764818	8.01	cps
Terbium	159-2	8521185	8268716	8190576	8326825	2.08	cps
Thallium	203-1	592	667	492	583	15.05	cps
Thallium	205-1	1250	1133	1483	1289	13.83	cps
Tin	118-1	908	833	783	842	7.48	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB47	Instrumnet Name :	P8
Client Sample ID :	CCB47	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:15:17	DataFile Name :	076CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	233	283	231	23.52	cps
Uranium	238-1	100	50	58	69	38.57	cps
Vanadium	51-2	23	17	17	19	20.36	cps
Ytterbium	172-1	83	25	50	53	55.46	cps
Ytterbium	172-2	17	22	22	20	15.73	cps
Ytterbium	176-1	2192	1975	1992	2053	5.87	cps
Ytterbium	176-2	2084	1911	1839	1945	6.46	cps
Yttrium	89-1	30485780	26317265	29128965	28644003	7.42	cps
Yttrium	89-2	2883034	2825604	2840902	2849846	1.04	cps
Zinc	66-2	217	233	213	221	4.85	cps
Zirconium	90-1	1650	1542	1450	1547	6.47	cps
Zirconium	91-1	342	308	358	336	7.58	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:18:18	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	689974	693391	696012	693126	0.44	cps
Antimony	121-1	3621174	3740462	3630485	3664040	1.81	cps
Arsenic	75-2	105906	106517	106363	106262	0.30	cps
Barium	135-1	4698578	4925590	4740103	4788091	2.52	cps
Barium	137-1	8270435	8482176	8344362	8365658	1.28	cps
Beryllium	9-1	1515173	1519504	1521814	1518830	0.22	cps
Bismuth	209-1	12301691	12557119	11931379	12263396	2.57	cps
Bismuth	209-2	5688687	5635151	5758800	5694212	1.09	cps
Boron	10-1	181237	194043	201437	192239	5.32	cps
Boron	11-1	841490	817403	910883	856592	5.67	cps
Bromine	81-1	22150	26201	29393	25915	14.01	cps
Cadmium	111-1	969285	971227	966870	969127	0.23	cps
Cadmium	106-1	119861	122584	118616	120354	1.69	cps
Cadmium	108-1	79595	80178	81430	80401	1.17	cps
Calcium	43-1	2154892	2205535	2098621	2153016	2.48	cps
Calcium	44-1	34115887	34042202	33098858	33752316	1.68	cps
Carbon	12-1	12577482	13361293	14286600	13408458	6.38	cps
Carbon	12-2	164894	167199	171452	167849	1.98	cps
Chlorine	35-1	783596	848650	905346	845864	7.20	cps
Chlorine	35-2	6660	6985	7252	6966	4.26	cps
Chromium	52-2	1171463	1174152	1168427	1171347	0.24	cps
Cobalt	59-2	2160003	2078188	2157117	2131769	2.18	cps
Copper	63-2	16933155	17077789	17212085	17074343	0.82	cps
Dysprosium	156-1	500	492	517	503	2.53	cps
Dysprosium	156-2	183	190	147	173	13.46	cps
Erbium	164-1	400	350	325	358	10.66	cps
Erbium	164-2	127	153	150	143	10.14	cps
Gadolinium	160-1	658	558	508	575	13.28	cps
Gadolinium	160-2	230	203	240	224	8.44	cps
Holmium	165-1	20552873	20383807	20257590	20398090	0.73	cps
Holmium	165-2	8309730	8471985	8445847	8409187	1.04	cps
Indium	115-1	16883136	17166074	16408280	16819163	2.28	cps
Indium	115-2	2255474	2179209	2265508	2233397	2.11	cps
Iron	54-2	2790336	2769574	2694210	2751373	1.84	cps
Iron	56-2	48746857	48324989	47948683	48340176	0.83	cps
Iron	57-2	1211168	1201349	1200179	1204232	0.50	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:18:18	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	547	583	500	543	7.69	cps
Lead	206-1	14640102	15183150	14662636	14828629	2.07	cps
Lead	207-1	12924365	12993212	13336367	13084648	1.69	cps
Lead	208-1	59245421	60120793	59611423	59659212	0.74	cps
Lithium	6-1	10327364	10232562	10136237	10232055	0.93	cps
Magnesium	24-2	11922293	11801800	11819711	11847935	0.55	cps
Manganese	55-2	6377896	6303563	6347926	6343128	0.59	cps
Molybdenum	94-1	13072010	12914506	12829184	12938567	0.95	cps
Molybdenum	95-1	18628144	18547978	18224493	18466871	1.16	cps
Molybdenum	96-1	20179678	20481424	19533807	20064970	2.41	cps
Molybdenum	97-1	11471430	11385991	11291893	11383105	0.79	cps
Molybdenum	98-1	30141383	30173253	29350799	29888478	1.56	cps
Neodymium	150-1	607	567	533	569	6.45	cps
Neodymium	150-2	90	100	97	96	5.33	cps
Nickel	60-2	552833	557187	555671	555230	0.40	cps
Phosphorus	31-2	217	192	200	203	6.27	cps
Potassium	39-2	3612771	3548914	3531105	3564263	1.20	cps
Rhodium	103-1	15839726	15748910	15530172	15706269	1.01	cps
Rhodium	103-2	6838013	6698586	6922849	6819816	1.66	cps
Scandium	45-1	12761763	13028310	12854448	12881507	1.05	cps
Scandium	45-2	399577	400113	412573	404088	1.82	cps
Selenium	82-1	76066	76924	76850	76613	0.62	cps
Selenium	77-2	2024	2177	1984	2061	4.95	cps
Selenium	78-2	6648	6754	6884	6762	1.75	cps
Silicon	28-1	22827462	22406821	22876454	22703579	1.14	cps
Silver	107-1	1555135	1319816	1141079	1338677	15.51	cps
Silver	109-1	1242049	1939730	1374853	1518878	24.39	cps
Sodium	23-2	28927406	28212129	28676213	28605249	1.27	cps
Strontium	86-1	13362784	13501385	13388431	13417533	0.55	cps
Strontium	88-1	117865090	116203073	116196944	116755036	0.82	cps
Sulfur	34-1	688910	693046	684254	688737	0.64	cps
Terbium	159-1	20833425	21433374	20727893	20998231	1.81	cps
Terbium	159-2	8059459	7877886	8086522	8007956	1.42	cps
Thallium	203-1	3495356	3579420	3545867	3540214	1.20	cps
Thallium	205-1	8230301	8449961	8491325	8390529	1.67	cps
Tin	118-1	3304818	3359420	3309257	3324498	0.91	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04MSD	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)MSD	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:18:18	DataFile Name :	077AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6094211	6061119	6082608	6079313	0.28	cps
Uranium	238-1	11505024	11458406	11192354	11385261	1.48	cps
Vanadium	51-2	945024	956896	930028	943983	1.43	cps
Ytterbium	172-1	242	167	158	189	24.30	cps
Ytterbium	172-2	94	89	100	94	5.88	cps
Ytterbium	176-1	2342	2309	2134	2261	4.95	cps
Ytterbium	176-2	1561	1589	1678	1609	3.79	cps
Yttrium	89-1	27962000	28292419	27658949	27971123	1.13	cps
Yttrium	89-2	2838039	2739442	2830198	2802560	1.96	cps
Zinc	66-2	1973763	1993950	1991544	1986419	0.56	cps
Zirconium	90-1	6920366	6796912	6904021	6873766	0.98	cps
Zirconium	91-1	1542350	1549936	1528924	1540403	0.69	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:24:07	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	719383	724704	719634	721240	0.42	cps
Antimony	121-1	3705599	3756108	3830907	3764205	1.67	cps
Arsenic	75-2	109927	111456	110715	110699	0.69	cps
Barium	135-1	5085352	4966409	5106274	5052678	1.49	cps
Barium	137-1	8714875	8492235	8946804	8717972	2.61	cps
Beryllium	9-1	1525897	1543138	1546085	1538373	0.71	cps
Bismuth	209-1	12576957	13134995	12771465	12827806	2.21	cps
Bismuth	209-2	5869322	6012289	5886885	5922832	1.32	cps
Boron	10-1	205145	217688	222878	215237	4.24	cps
Boron	11-1	878811	922667	950826	917435	3.96	cps
Bromine	81-1	29713	34041	34460	32738	8.03	cps
Cadmium	111-1	990593	977892	1003114	990533	1.27	cps
Cadmium	106-1	122477	121156	122711	122115	0.69	cps
Cadmium	108-1	80265	81598	82495	81453	1.38	cps
Calcium	43-1	2219460	2262966	2360439	2280955	3.16	cps
Calcium	44-1	35901309	35146441	36067843	35705197	1.38	cps
Carbon	12-1	13335345	14221639	14807185	14121390	5.25	cps
Carbon	12-2	165172	168728	170455	168118	1.60	cps
Chlorine	35-1	1295526	1321855	1398828	1338736	4.01	cps
Chlorine	35-2	10204	10512	10429	10382	1.54	cps
Chromium	52-2	1224623	1231501	1235337	1230487	0.44	cps
Cobalt	59-2	2245870	2224511	2266968	2245783	0.95	cps
Copper	63-2	17972979	17745011	17945543	17887844	0.70	cps
Dysprosium	156-1	450	425	500	458	8.33	cps
Dysprosium	156-2	167	127	137	143	14.52	cps
Erbium	164-1	467	500	442	469	6.23	cps
Erbium	164-2	130	150	167	149	12.33	cps
Gadolinium	160-1	542	475	608	542	12.31	cps
Gadolinium	160-2	253	240	253	249	3.09	cps
Holmium	165-1	20882903	22072448	21430475	21461942	2.77	cps
Holmium	165-2	8730476	8953096	8721998	8801857	1.49	cps
Indium	115-1	17428480	18099475	17670621	17732858	1.92	cps
Indium	115-2	2327159	2367003	2262678	2318947	2.27	cps
Iron	54-2	2874696	2895618	2923199	2897838	0.84	cps
Iron	56-2	50258214	51569146	50054376	50627245	1.62	cps
Iron	57-2	1254005	1278409	1261247	1264553	0.99	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:24:07	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	553	540	540	544	1.41	cps
Lead	206-1	15097643	15085263	15257529	15146812	0.63	cps
Lead	207-1	13354266	13498464	13250387	13367706	0.93	cps
Lead	208-1	60764231	61385818	61584554	61244868	0.70	cps
Lithium	6-1	10634753	10863854	10662733	10720447	1.17	cps
Magnesium	24-2	12377530	12316932	12188381	12294281	0.79	cps
Manganese	55-2	6681406	6589094	6612428	6627643	0.72	cps
Molybdenum	94-1	13645534	13611427	13588583	13615182	0.21	cps
Molybdenum	95-1	19492236	19306287	19548059	19448861	0.65	cps
Molybdenum	96-1	21009325	21142410	21137081	21096272	0.36	cps
Molybdenum	97-1	11720928	11784726	11727650	11744435	0.30	cps
Molybdenum	98-1	30786743	30456778	31786650	31010057	2.23	cps
Neodymium	150-1	633	560	740	644	14.05	cps
Neodymium	150-2	107	90	87	94	11.35	cps
Nickel	60-2	583246	578638	584583	582156	0.54	cps
Phosphorus	31-2	150	183	258	197	28.13	cps
Potassium	39-2	3688833	3709863	3692848	3697181	0.30	cps
Rhodium	103-1	16369921	16742702	16389057	16500560	1.27	cps
Rhodium	103-2	7184814	7288641	6968637	7147364	2.28	cps
Scandium	45-1	13840372	14059959	13735884	13878738	1.19	cps
Scandium	45-2	417008	436258	420877	424714	2.40	cps
Selenium	82-1	78786	78165	78877	78609	0.49	cps
Selenium	77-2	2090	2064	2024	2059	1.63	cps
Selenium	78-2	7116	7003	7175	7098	1.22	cps
Silicon	28-1	23017286	23568444	24026682	23537471	2.15	cps
Silver	107-1	1529415	1322392	1729741	1527182	13.34	cps
Silver	109-1	2283899	1584017	1201216	1689711	32.49	cps
Sodium	23-2	29731111	29619513	29899497	29750040	0.47	cps
Strontium	86-1	13888240	13938567	14236149	14020985	1.34	cps
Strontium	88-1	120546757	117978423	120576607	119700596	1.25	cps
Sulfur	34-1	673970	675224	682556	677250	0.68	cps
Terbium	159-1	22216496	22637279	21563709	22139161	2.44	cps
Terbium	159-2	8272037	8625347	8354411	8417265	2.20	cps
Thallium	203-1	3792572	3724178	3633454	3716735	2.15	cps
Thallium	205-1	8818850	8637203	8789767	8748606	1.12	cps
Tin	118-1	3367704	3421747	3444137	3411196	1.15	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	M3791-04A	Instrumnet Name :	P8
Client Sample ID :	SW-RR-01-(2.0)A	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:24:07	DataFile Name :	079AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6392690	6183521	6278757	6284989	1.67	cps
Uranium	238-1	11249223	11382829	11832623	11488225	2.66	cps
Vanadium	51-2	1001720	995364	989061	995381	0.64	cps
Ytterbium	172-1	225	250	258	244	7.10	cps
Ytterbium	172-2	133	78	83	98	31.17	cps
Ytterbium	176-1	2275	2234	2134	2214	3.29	cps
Ytterbium	176-2	1461	1722	1711	1632	9.05	cps
Yttrium	89-1	29888455	30644126	29474567	30002383	1.98	cps
Yttrium	89-2	2869117	2976570	2881402	2909030	2.02	cps
Zinc	66-2	2050428	2040622	2083605	2058218	1.09	cps
Zirconium	90-1	7251068	7212171	7087261	7183500	1.19	cps
Zirconium	91-1	1624384	1639160	1572202	1611915	2.18	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCV48 Instrumnet Name : P8
 Client Sample ID : CCV48 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 17:38:46 DataFile Name : 080CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3321743	3376601	3279487	3325944	1.46	cps
Antimony	121-1	3513648	3502115	3519633	3511799	0.25	cps
Arsenic	75-2	105987	105981	107278	106415	0.70	cps
Barium	135-1	4427464	4347786	4479724	4418324	1.50	cps
Barium	137-1	7728905	7433894	7698466	7620422	2.13	cps
Beryllium	9-1	1409826	1404167	1450759	1421584	1.79	cps
Bismuth	209-1	11449389	11669051	11589836	11569426	0.96	cps
Bismuth	209-2	5413930	5510476	5299269	5407891	1.96	cps
Boron	10-1	169263	170983	178475	172907	2.83	cps
Boron	11-1	772347	798078	814861	795095	2.69	cps
Bromine	81-1	6648	6338	6228	6405	3.41	cps
Cadmium	111-1	989279	990127	998817	992741	0.53	cps
Cadmium	106-1	120315	121079	122054	121149	0.72	cps
Cadmium	108-1	80244	77336	78262	78614	1.89	cps
Calcium	43-1	7091972	7009947	7058104	7053341	0.58	cps
Calcium	44-1	115950844	115717411	114544990	115404415	0.65	cps
Carbon	12-1	6004904	6249664	6364162	6206243	2.96	cps
Carbon	12-2	75427	76299	75151	75626	0.79	cps
Chlorine	35-1	332445	325963	326032	328147	1.13	cps
Chlorine	35-2	2225	2142	2067	2145	3.69	cps
Chromium	52-2	1149113	1139803	1144350	1144422	0.41	cps
Cobalt	59-2	2047598	2026449	2046774	2040274	0.59	cps
Copper	63-2	15366660	15457656	15392533	15405616	0.30	cps
Dysprosium	156-1	925	792	767	828	10.28	cps
Dysprosium	156-2	307	337	380	341	10.81	cps
Erbium	164-1	250	233	225	236	5.39	cps
Erbium	164-2	97	110	70	92	22.08	cps
Gadolinium	160-1	775	842	767	794	5.17	cps
Gadolinium	160-2	427	363	370	387	9.00	cps
Holmium	165-1	20504742	20572860	19858265	20311955	1.94	cps
Holmium	165-2	8499304	8293161	8160849	8317772	2.05	cps
Indium	115-1	16395199	16822073	16953564	16723612	1.75	cps
Indium	115-2	2218774	2246651	2206548	2223991	0.92	cps
Iron	54-2	12513555	12480051	12420919	12471508	0.38	cps
Iron	56-2	224530972	224034033	221240488	223268498	0.79	cps
Iron	57-2	5594888	5690045	5631576	5638837	0.85	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:38:46	DataFile Name :	080CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	533	490	563	529	6.97	cps
Lead	206-1	14062022	14040660	14060253	14054312	0.08	cps
Lead	207-1	12086235	12212533	11808705	12035824	1.72	cps
Lead	208-1	55618834	55982654	54629060	55410182	1.26	cps
Lithium	6-1	9521420	9640310	9813503	9658411	1.52	cps
Magnesium	24-2	49995116	51567507	49807862	50456828	1.92	cps
Manganese	55-2	5960651	5963273	5887471	5937132	0.72	cps
Molybdenum	94-1	8200575	8003086	7922064	8041908	1.78	cps
Molybdenum	95-1	9910019	9764073	9609170	9761087	1.54	cps
Molybdenum	96-1	10900337	10958577	11018421	10959112	0.54	cps
Molybdenum	97-1	6084584	5994920	6039096	6039533	0.74	cps
Molybdenum	98-1	15521985	15550250	15658094	15576776	0.46	cps
Neodymium	150-1	320	267	353	313	13.95	cps
Neodymium	150-2	33	33	57	41	32.78	cps
Nickel	60-2	568821	575822	574486	573043	0.65	cps
Phosphorus	31-2	32470	32913	34158	33180	2.64	cps
Potassium	39-2	15671060	15720358	15821295	15737571	0.49	cps
Rhodium	103-1	14579495	14740999	14936581	14752358	1.21	cps
Rhodium	103-2	6772745	6505863	6566877	6615162	2.11	cps
Scandium	45-1	12749454	12908678	12656937	12771690	1.00	cps
Scandium	45-2	404397	403156	389241	398931	2.11	cps
Selenium	82-1	76499	76113	76485	76366	0.29	cps
Selenium	77-2	2144	1970	2147	2087	4.84	cps
Selenium	78-2	6744	6870	6867	6827	1.05	cps
Silicon	28-1	3412428	3425550	3455498	3431159	0.64	cps
Silver	107-1	4603474	4587309	4722244	4637675	1.59	cps
Silver	109-1	4394513	4332734	4357929	4361725	0.71	cps
Sodium	23-2	95930448	94796431	95556469	95427783	0.61	cps
Strontium	86-1	13017785	12687654	12735201	12813547	1.39	cps
Strontium	88-1	110648648	110922636	111029940	110867075	0.18	cps
Sulfur	34-1	964098	981074	945947	963706	1.82	cps
Terbium	159-1	20363811	20483196	20440676	20429227	0.30	cps
Terbium	159-2	8067890	8208970	7898106	8058322	1.93	cps
Thallium	203-1	3510582	3407827	3521420	3479943	1.80	cps
Thallium	205-1	8246778	8012423	8160063	8139755	1.46	cps
Tin	118-1	3108397	3133094	3126382	3122625	0.41	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCV48	Instrumnet Name :	P8
Client Sample ID :	CCV48	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:38:46	DataFile Name :	080CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3297953	3216837	3286322	3267037	1.34	cps
Uranium	238-1	10618945	10921531	11020791	10853756	1.93	cps
Vanadium	51-2	921032	920548	931985	924522	0.70	cps
Ytterbium	172-1	92	67	67	75	19.24	cps
Ytterbium	172-2	22	22	22	22	0.00	cps
Ytterbium	176-1	17520	16127	17136	16928	4.25	cps
Ytterbium	176-2	7197	7836	7841	7625	4.86	cps
Yttrium	89-1	28033544	28215990	28215153	28154895	0.37	cps
Yttrium	89-2	2773018	2797405	2763579	2778001	0.63	cps
Zinc	66-2	1769550	1776207	1772205	1772654	0.19	cps
Zirconium	90-1	6949665	6956285	7078820	6994923	1.04	cps
Zirconium	91-1	1578014	1582067	1551166	1570416	1.07	cps

LB Number : LB116366 Operator : Jaswal
 Lab Sample ID : CCB48 Instrumnet Name : P8
 Client Sample ID : CCB48 Dilution Factor : 1
 Date & Time Acquired :: 2021-09-17 17:49:21 DataFile Name : 081CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	89	95	90	5.64	cps
Antimony	121-1	275	425	317	339	22.85	cps
Arsenic	75-2	4	7	8	6	32.87	cps
Barium	135-1	242	267	342	283	18.37	cps
Barium	137-1	358	433	467	419	13.23	cps
Beryllium	9-1	78	62	62	67	13.72	cps
Bismuth	209-1	12465318	12396619	13524225	12795387	4.94	cps
Bismuth	209-2	5684311	5636866	6030837	5784004	3.72	cps
Boron	10-1	5244	4912	5074	5077	3.27	cps
Boron	11-1	24183	23778	22222	23395	4.42	cps
Bromine	81-1	6348	5988	6448	6261	3.87	cps
Cadmium	111-1	1497	1524	1586	1536	2.99	cps
Cadmium	106-1	7444	7586	7777	7602	2.20	cps
Cadmium	108-1	54	50	33	46	24.06	cps
Calcium	43-1	317	334	362	338	6.74	cps
Calcium	44-1	19021	19087	19366	19158	0.96	cps
Carbon	12-1	4326330	4329950	4414611	4356964	1.15	cps
Carbon	12-2	45296	46407	46533	46078	1.48	cps
Chlorine	35-1	230202	230844	224639	228561	1.49	cps
Chlorine	35-2	1492	1375	1583	1483	7.04	cps
Chromium	52-2	680	613	773	689	11.67	cps
Cobalt	59-2	173	150	150	158	8.54	cps
Copper	63-2	933	973	980	962	2.62	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	117	117	133	122	7.87	cps
Erbium	164-2	43	53	47	48	10.66	cps
Gadolinium	160-1	125	175	167	156	17.22	cps
Gadolinium	160-2	43	33	33	37	15.75	cps
Holmium	165-1	20156985	20828532	22078833	21021450	4.64	cps
Holmium	165-2	8245117	8075436	8408849	8243134	2.02	cps
Indium	115-1	16795196	17484516	18498334	17592682	4.87	cps
Indium	115-2	2274374	2297730	2350888	2307664	1.70	cps
Iron	54-2	400	400	439	413	5.44	cps
Iron	56-2	3167	3156	3462	3262	5.31	cps
Iron	57-2	106	100	89	98	8.65	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:49:21	DataFile Name :	081CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	540	547	587	558	4.52	cps
Lead	206-1	1406	1417	1272	1365	5.89	cps
Lead	207-1	1317	1156	1261	1245	6.58	cps
Lead	208-1	5445	5217	5517	5393	2.90	cps
Lithium	6-1	10173941	10276088	11015900	10488643	4.38	cps
Magnesium	24-2	558	442	608	536	15.95	cps
Manganese	55-2	287	257	280	274	5.74	cps
Molybdenum	94-1	742	583	817	714	16.69	cps
Molybdenum	95-1	275	317	242	278	13.53	cps
Molybdenum	96-1	667	633	450	583	20.00	cps
Molybdenum	97-1	217	175	150	181	18.65	cps
Molybdenum	98-1	683	417	550	550	24.24	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	47	23	40	37	32.79	cps
Phosphorus	31-2	83	83	100	89	10.82	cps
Potassium	39-2	11989	11588	11688	11755	1.77	cps
Rhodium	103-1	15667868	16457365	17493570	16539601	5.54	cps
Rhodium	103-2	7038928	6988818	7211576	7079774	1.65	cps
Scandium	45-1	12870630	13302576	14312401	13495202	5.48	cps
Scandium	45-2	393686	382309	408025	394673	3.27	cps
Selenium	82-1	-7	-13	-81	-34	-121.95	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	19	15	21	18	16.66	cps
Silicon	28-1	280654	282939	285027	282873	0.77	cps
Silver	107-1	1450	1233	1242	1308	9.38	cps
Silver	109-1	1533	1358	1183	1358	12.88	cps
Sodium	23-2	20148	19814	20223	20061	1.09	cps
Strontium	86-1	1067	992	967	1008	5.16	cps
Strontium	88-1	1392	1550	1392	1445	6.33	cps
Sulfur	34-1	458639	456882	454866	456796	0.41	cps
Terbium	159-1	20894096	20845301	22071999	21270465	3.27	cps
Terbium	159-2	7822648	7755822	8162874	7913781	2.76	cps
Thallium	203-1	692	683	717	697	2.49	cps
Thallium	205-1	1242	1417	1475	1378	8.81	cps
Tin	118-1	975	942	675	864	19.03	cps

LB Number :	LB116366	Operator :	Jaswal
Lab Sample ID :	CCB48	Instrumnet Name :	P8
Client Sample ID :	CCB48	Dilution Factor :	1
Date & Time Acquired ::	2021-09-17 17:49:21	DataFile Name :	081CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	142	133	175	150	14.70	cps
Uranium	238-1	58	42	108	69	49.96	cps
Vanadium	51-2	27	17	13	19	36.75	cps
Ytterbium	172-1	25	67	67	53	45.58	cps
Ytterbium	172-2	22	11	39	24	58.08	cps
Ytterbium	176-1	2092	1959	2125	2059	4.29	cps
Ytterbium	176-2	1706	2000	1817	1841	8.08	cps
Yttrium	89-1	28534191	28769318	30052875	29118795	2.81	cps
Yttrium	89-2	2723861	2694897	2836990	2751916	2.73	cps
Zinc	66-2	260	293	263	272	6.74	cps
Zirconium	90-1	1525	1708	1792	1675	8.15	cps
Zirconium	91-1	275	233	317	275	15.15	cps