

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:47:22	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	-1.68	1.69	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.02	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.02	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	0.12	-0.03	-0.10	0.00	N/A	ppb
Boron	10-1	0.24	-0.06	-0.18	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.99	-0.36	1.35	0.00	N/A	ppb
Cadmium	108-1	-0.01	-0.07	0.07	0.00	N/A	ppb
Cadmium	111-1	-0.08	-0.01	0.09	0.00	N/A	ppb
Calcium	43-1	-4.85	13.92	-9.07	0.00	N/A	ppb
Calcium	44-1	-2.07	4.33	-2.26	0.00	N/A	ppb
Chromium	52-2	-0.05	0.11	-0.06	0.00	N/A	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.55	-1.08	0.53	0.00	N/A	ppb
Iron	56-2	-0.02	0.03	-0.01	0.00	N/A	ppb
Iron	57-2	0.91	1.19	-2.11	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	-0.08	0.04	0.04	0.00	N/A	ppb
Lead	208-1	-0.04	0.03	0.01	0.00	N/A	ppb
Lead	206-1	-0.03	-0.01	0.04	0.00	N/A	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:47:22	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	1.40	-0.88	-0.51	0.00	N/A	ppb
Manganese	55-2	0.04	-0.01	-0.03	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.03	0.01	0.00	N/A	ppb
Phosphorus	31-2	-11.60	-20.52	-26.97	-19.70		ppb
Potassium	39-2	-1.14	6.76	-5.61	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.72	-0.72	1.45	0.00	N/A	ppb
Selenium	78-2	0.36	-1.71	1.35	0.00	N/A	ppb
Selenium	82-1	-0.27	-0.32	0.59	0.00	N/A	ppb
Silicon	28-1	-16.02	15.89	0.13	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.10	-1.99	2.09	0.00	N/A	ppb
Strontium	86-1	-0.09	0.15	-0.06	0.00	N/A	ppb
Strontium	88-1	0.00	0.01	-0.01	0.00	N/A	ppb
Sulfur	34-1	-501.42	3221.33	1130.67	1283.52	145.39	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	-0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.11	0.05	0.06	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	-0.01	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:47:22	DataFile Name :	002CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.06	-0.05	-0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.02	0.02	0.00	N/A	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:56:36	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.79	18.55	21.62	20.65	8.83	ppb
Antimony	121-1	1.98	1.92	2.08	1.99	4.18	ppb
Arsenic	75-2	1.14	0.95	1.00	1.03	9.72	ppb
Barium	135-1	10.41	9.60	10.23	10.08	4.21	ppb
Barium	137-1	11.25	10.19	10.64	10.70	4.97	ppb
Beryllium	9-1	1.03	0.92	1.03	0.99	6.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	11-1	23.44	25.88	28.93	26.08	10.55	ppb
Boron	10-1	24.09	27.61	28.85	26.85	9.19	ppb
Bromine	81-1						cps
Cadmium	106-1	0.75	2.06	-0.78	0.68	209.47	ppb
Cadmium	108-1	1.37	0.71	1.35	1.14	32.73	ppb
Cadmium	111-1	1.01	1.35	0.84	1.07	24.48	ppb
Calcium	43-1	508.39	546.56	483.68	512.88	6.18	ppb
Calcium	44-1	533.27	527.77	500.66	520.57	3.35	ppb
Chromium	52-2	1.99	2.04	1.96	2.00	2.13	ppb
Cobalt	59-2	0.96	0.94	1.07	0.99	6.99	ppb
Copper	63-2	2.05	2.06	2.10	2.07	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	55.71	51.96	57.25	54.97	4.95	ppb
Iron	56-2	54.62	54.05	57.86	55.51	3.70	ppb
Iron	57-2	53.62	55.67	56.76	55.35	2.88	ppb
Krypton	83-1						cps
Lead	207-1	0.94	0.84	0.90	0.89	5.75	ppb
Lead	208-1	0.91	0.90	0.88	0.90	1.56	ppb
Lead	206-1	0.91	0.93	0.94	0.92	1.79	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:56:36	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	518.51	529.78	560.54	536.28	4.06	ppb
Manganese	55-2	0.98	0.96	1.33	1.09	18.80	ppb
Molybdenum	94-1	5.21	5.11	5.14	5.15	1.03	ppb
Molybdenum	95-1	5.53	5.26	5.39	5.39	2.44	ppb
Molybdenum	96-1	5.49	5.39	5.31	5.40	1.62	ppb
Molybdenum	97-1	5.99	5.47	5.33	5.60	6.27	ppb
Molybdenum	98-1	5.22	5.45	5.41	5.36	2.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.28	0.88	1.31	1.16	20.66	ppb
Phosphorus	31-2	-72.14	80.87	50.37	19.70	411.14	ppb
Potassium	39-2	517.04	491.70	567.60	525.45	7.35	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	7.78	14.12	10.30	10.73	29.74	ppb
Selenium	78-2	3.79	6.74	6.47	5.67	28.73	ppb
Selenium	82-1	4.51	5.73	5.47	5.23	12.27	ppb
Silicon	28-1	-6.25	-7.14	-7.53	-6.98		ppb
Silver	109-1	1.02	1.07	1.02	1.03	2.74	ppb
Silver	107-1	1.01	1.00	1.03	1.01	1.53	ppb
Sodium	23-2	530.35	515.55	571.08	538.99	5.34	ppb
Strontium	86-1	0.67	1.16	1.25	1.03	30.53	ppb
Strontium	88-1	1.03	0.97	1.06	1.02	4.12	ppb
Sulfur	34-1	-1279.52	-1148.95	-1422.10	-1283.52		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.91	0.98	0.89	0.93	4.83	ppb
Thallium	205-1	1.02	1.04	1.03	1.03	1.14	ppb
Tin	118-1	5.26	5.17	5.17	5.20	0.95	ppb
Titanium	47-1	5.12	5.98	5.82	5.64	8.11	ppb
Uranium	238-1	1.00	0.98	0.93	0.97	3.78	ppb
Vanadium	51-2	5.43	4.99	5.76	5.39	7.16	ppb
Yttrium	89-1				105		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:56:36	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2.62	2.23	2.53	2.46	8.26	ppb
Zirconium	90-1	0.90	0.90	0.96	0.92	4.16	ppb
Zirconium	91-1	0.96	1.00	0.91	0.96	4.38	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:59:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1014.14	1008.09	1117.67	1046.63	5.88	ppb
Antimony	121-1	51.53	51.95	51.63	51.70	0.43	ppb
Arsenic	75-2	48.45	49.54	55.35	51.12	7.26	ppb
Barium	135-1	253.66	258.69	255.60	255.98	0.99	ppb
Barium	137-1	255.51	257.47	257.05	256.67	0.40	ppb
Beryllium	9-1	50.43	51.37	49.42	50.41	1.93	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	11-1	46.19	50.69	53.68	50.19	7.52	ppb
Boron	10-1	46.81	52.23	57.12	52.06	9.91	ppb
Bromine	81-1						cps
Cadmium	106-1	53.49	53.96	48.23	51.90	6.13	ppb
Cadmium	108-1	52.97	50.31	51.94	51.74	2.59	ppb
Cadmium	111-1	51.47	51.57	50.94	51.33	0.67	ppb
Calcium	43-1	5119.04	5273.27	5359.63	5250.65	2.32	ppb
Calcium	44-1	5366.52	5467.14	5268.57	5367.41	1.85	ppb
Chromium	52-2	50.33	50.05	55.55	51.98	5.95	ppb
Cobalt	59-2	50.95	49.99	56.30	52.41	6.49	ppb
Copper	63-2	519.55	509.58	572.96	534.03	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				105		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	54-2	2622.34	2568.32	2883.95	2691.54	6.27	ppb
Iron	56-2	2604.15	2595.20	2849.20	2682.85	5.37	ppb
Iron	57-2	2540.82	2548.72	2848.62	2646.05	6.63	ppb
Krypton	83-1						cps
Lead	207-1	245.00	246.07	241.53	244.20	0.97	ppb
Lead	208-1	246.82	249.91	244.36	247.03	1.13	ppb
Lead	206-1	246.74	248.49	242.39	245.87	1.28	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:59:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	5393.11	5318.61	6065.44	5592.39	7.36	ppb
Manganese	55-2	507.50	497.86	558.03	521.13	6.20	ppb
Molybdenum	94-1	252.25	258.73	254.08	255.02	1.31	ppb
Molybdenum	95-1	250.12	253.68	255.28	253.03	1.04	ppb
Molybdenum	96-1	253.70	253.08	250.81	252.53	0.60	ppb
Molybdenum	97-1	254.54	258.99	248.56	254.03	2.06	ppb
Molybdenum	98-1	251.15	256.18	251.91	253.08	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.69	50.13	56.21	52.35	6.42	ppb
Phosphorus	31-2	1015.63	876.40	1092.26	994.76	11.00	ppb
Potassium	39-2	2584.15	2512.27	2831.78	2642.73	6.34	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	77-2	48.13	43.26	55.00	48.80	12.09	ppb
Selenium	78-2	53.01	51.08	53.63	52.57	2.53	ppb
Selenium	82-1	52.52	50.79	49.33	50.88	3.14	ppb
Silicon	28-1	50.32	50.87	48.56	49.92	2.42	ppb
Silver	109-1	51.45	51.03	52.05	51.51	0.99	ppb
Silver	107-1	51.37	52.36	51.90	51.88	0.96	ppb
Sodium	23-2	5256.40	5273.71	5827.42	5452.51	5.96	ppb
Strontium	86-1	49.15	50.02	49.99	49.72	1.00	ppb
Strontium	88-1	50.86	51.73	50.95	51.18	0.93	ppb
Sulfur	34-1	120.15	150.56	92.04	120.92	24.20	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	50.52	49.13	49.79	49.81	1.39	ppb
Thallium	205-1	50.61	52.11	50.23	50.98	1.95	ppb
Tin	118-1	51.04	50.74	50.93	50.90	0.29	ppb
Titanium	47-1	251.60	252.41	250.97	251.66	0.29	ppb
Uranium	238-1	49.76	50.55	49.40	49.90	1.18	ppb
Vanadium	51-2	51.14	50.65	54.38	52.06	3.89	ppb
Yttrium	89-1				107		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:59:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	508.19	504.68	560.47	524.45	5.96	ppb
Zirconium	90-1	50.71	50.59	50.84	50.71	0.25	ppb
Zirconium	91-1	48.93	50.42	51.02	50.12	2.15	ppb

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:02:37 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2497.99	2481.10	2463.34	2480.81	0.70	ppb
Antimony	121-1	125.51	131.48	134.23	130.41	3.42	ppb
Arsenic	75-2	126.07	127.64	126.82	126.84	0.62	ppb
Barium	135-1	636.58	650.34	666.12	651.01	2.27	ppb
Barium	137-1	637.16	652.99	680.66	656.94	3.35	ppb
Beryllium	9-1	123.87	129.78	132.73	128.80	3.50	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	11-1	106.22	127.98	142.09	125.43	14.41	ppb
Boron	10-1	104.71	122.95	146.01	124.56	16.62	ppb
Bromine	81-1						cps
Cadmium	106-1	124.62	134.21	125.98	128.27	4.05	ppb
Cadmium	108-1	123.63	130.50	135.23	129.78	4.50	ppb
Cadmium	111-1	125.37	130.68	132.60	129.55	2.89	ppb
Calcium	43-1	12937.30	13390.22	14134.96	13487.50	4.48	ppb
Calcium	44-1	13038.39	13235.83	13977.61	13417.28	3.69	ppb
Chromium	52-2	126.50	127.51	126.44	126.82	0.48	ppb
Cobalt	59-2	127.45	127.25	125.77	126.82	0.72	ppb
Copper	63-2	1271.02	1296.05	1319.45	1295.51	1.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	6647.60	6636.89	6554.11	6612.87	0.77	ppb
Iron	56-2	6464.47	6519.96	6439.65	6474.69	0.64	ppb
Iron	57-2	6494.80	6472.37	6481.76	6482.98	0.17	ppb
Krypton	83-1						cps
Lead	207-1	606.53	622.90	639.54	622.99	2.65	ppb
Lead	208-1	626.77	636.35	650.30	637.81	1.86	ppb
Lead	206-1	621.20	632.88	640.59	631.56	1.55	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:02:37	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	13574.36	13735.51	13392.45	13567.44	1.27	ppb
Manganese	55-2	1259.06	1262.29	1257.85	1259.73	0.18	ppb
Molybdenum	94-1	626.04	653.36	674.64	651.35	3.74	ppb
Molybdenum	95-1	623.25	651.42	664.12	646.26	3.24	ppb
Molybdenum	96-1	626.97	652.69	665.91	648.52	3.05	ppb
Molybdenum	97-1	630.68	643.80	669.90	648.13	3.08	ppb
Molybdenum	98-1	629.01	633.42	662.79	641.74	2.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.28	130.20	129.10	128.86	1.15	ppb
Phosphorus	31-2	2785.06	2605.51	2592.96	2661.18	4.04	ppb
Potassium	39-2	6517.24	6495.76	6397.71	6470.24	0.98	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	132.43	111.85	137.64	127.31	10.71	ppb
Selenium	78-2	130.53	130.65	124.65	128.61	2.67	ppb
Selenium	82-1	121.23	124.83	132.30	126.12	4.48	ppb
Silicon	28-1	158.58	175.51	196.64	176.91	10.78	ppb
Silver	109-1	128.54	133.74	135.41	132.57	2.70	ppb
Silver	107-1	125.13	132.03	135.10	130.75	3.91	ppb
Sodium	23-2	13130.59	13363.27	13119.68	13204.51	1.04	ppb
Strontium	86-1	123.39	127.53	133.07	128.00	3.80	ppb
Strontium	88-1	127.02	131.06	135.51	131.20	3.23	ppb
Sulfur	34-1	1579.57	2732.23	3587.48	2633.09	38.27	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	126.12	125.35	128.69	126.72	1.38	ppb
Thallium	205-1	127.44	128.79	130.96	129.06	1.38	ppb
Tin	118-1	124.49	128.67	132.38	128.51	3.07	ppb
Titanium	47-1	627.00	643.82	662.83	644.55	2.78	ppb
Uranium	238-1	124.61	127.44	128.87	126.97	1.71	ppb
Vanadium	51-2	125.93	127.49	125.94	126.45	0.71	ppb
Yttrium	89-1				105		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
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Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	1274.02	1282.66	1283.69	1280.12	0.41	ppb
Zirconium	90-1	124.45	129.73	133.48	129.22	3.51	ppb
Zirconium	91-1	122.24	126.78	129.81	126.28	3.02	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:05:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4988.85	4877.53	4869.08	4911.82	1.36	ppb
Antimony	121-1	255.44	255.93	257.15	256.17	0.34	ppb
Arsenic	75-2	250.73	248.72	252.79	250.75	0.81	ppb
Barium	135-1	1266.60	1268.77	1279.56	1271.64	0.55	ppb
Barium	137-1	1252.90	1249.57	1267.99	1256.82	0.78	ppb
Beryllium	9-1	249.98	250.07	249.83	249.96	0.05	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	11-1	213.25	245.08	268.53	242.29	11.45	ppb
Boron	10-1	214.60	243.58	265.87	241.35	10.65	ppb
Bromine	81-1						cps
Cadmium	106-1	245.84	256.00	254.48	252.11	2.17	ppb
Cadmium	108-1	250.51	242.32	264.07	252.30	4.35	ppb
Cadmium	111-1	253.35	253.91	254.76	254.01	0.28	ppb
Calcium	43-1	25561.66	26240.94	26144.77	25982.45	1.41	ppb
Calcium	44-1	25458.90	25905.37	26008.65	25790.97	1.13	ppb
Chromium	52-2	255.23	249.01	252.24	252.16	1.23	ppb
Cobalt	59-2	254.45	247.78	251.51	251.25	1.33	ppb
Copper	63-2	2587.00	2548.04	2560.07	2565.04	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	13137.85	13059.15	13071.36	13089.45	0.32	ppb
Iron	56-2	12858.77	12578.73	12646.05	12694.52	1.15	ppb
Iron	57-2	12995.44	12764.55	12845.85	12868.62	0.91	ppb
Krypton	83-1						cps
Lead	207-1	1302.48	1265.36	1280.90	1282.92	1.45	ppb
Lead	208-1	1269.46	1261.40	1269.26	1266.71	0.36	ppb
Lead	206-1	1265.57	1259.96	1256.74	1260.76	0.35	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:05:37	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	27213.87	26261.94	26994.27	26823.36	1.86	ppb
Manganese	55-2	2536.25	2473.40	2481.63	2497.09	1.37	ppb
Molybdenum	94-1	1241.42	1238.49	1272.91	1250.94	1.53	ppb
Molybdenum	95-1	1261.06	1271.65	1246.75	1259.82	0.99	ppb
Molybdenum	96-1	1263.88	1278.47	1292.75	1278.37	1.13	ppb
Molybdenum	97-1	1269.17	1270.08	1279.77	1273.01	0.46	ppb
Molybdenum	98-1	1263.19	1253.70	1238.94	1251.94	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.17	244.63	252.08	250.63	2.16	ppb
Phosphorus	31-2	5254.47	5417.76	4661.70	5111.31	7.78	ppb
Potassium	39-2	12965.64	12686.55	12691.00	12781.06	1.25	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	77-2	235.73	249.71	217.53	234.32	6.89	ppb
Selenium	78-2	255.07	256.74	249.47	253.76	1.50	ppb
Selenium	82-1	251.92	251.84	252.57	252.11	0.16	ppb
Silicon	28-1	227.25	243.79	264.45	245.16	7.60	ppb
Silver	109-1	254.11	254.56	258.97	255.88	1.05	ppb
Silver	107-1	252.00	255.59	255.85	254.48	0.85	ppb
Sodium	23-2	26564.02	26000.11	26182.08	26248.74	1.10	ppb
Strontium	86-1	242.84	248.15	250.59	247.19	1.60	ppb
Strontium	88-1	253.39	257.44	254.83	255.22	0.81	ppb
Sulfur	34-1	3474.01	3527.79	4050.13	3683.98	8.64	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	253.51	248.32	250.49	250.77	1.04	ppb
Thallium	205-1	257.14	251.73	253.70	254.19	1.08	ppb
Tin	118-1	250.48	249.30	254.53	251.44	1.09	ppb
Titanium	47-1	1244.17	1232.99	1262.14	1246.43	1.18	ppb
Uranium	238-1	253.41	252.39	253.78	253.19	0.29	ppb
Vanadium	51-2	253.80	246.38	248.05	249.41	1.56	ppb
Yttrium	89-1				107		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:05:37	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	2528.23	2493.65	2491.91	2504.60	0.82	ppb
Zirconium	90-1	252.52	257.43	254.47	254.80	0.97	ppb
Zirconium	91-1	245.23	251.04	250.19	248.82	1.26	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:08:35	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10758.17	9819.74	9738.21	10105.37	5.61	ppb
Antimony	121-1	501.27	494.37	496.33	497.33	0.72	ppb
Arsenic	75-2	534.71	498.47	492.10	508.43	4.52	ppb
Barium	135-1	2506.19	2465.46	2489.73	2487.13	0.82	ppb
Barium	137-1	2498.15	2521.00	2487.08	2502.08	0.69	ppb
Beryllium	9-1	493.95	501.40	492.93	496.09	0.93	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	11-1	438.21	483.07	523.51	481.59	8.86	ppb
Boron	10-1	431.21	489.28	527.44	482.64	10.04	ppb
Bromine	81-1						cps
Cadmium	106-1	497.61	482.14	499.46	493.07	1.93	ppb
Cadmium	108-1	493.47	506.15	492.69	497.44	1.52	ppb
Cadmium	111-1	499.13	500.29	496.82	498.75	0.35	ppb
Calcium	43-1	53033.54	53364.22	53684.71	53360.82	0.61	ppb
Calcium	44-1	51105.51	51777.06	52883.12	51921.90	1.73	ppb
Chromium	52-2	541.24	493.34	492.20	508.92	5.50	ppb
Cobalt	59-2	534.12	492.35	490.53	505.67	4.88	ppb
Copper	63-2	5424.42	4960.59	4913.93	5099.65	5.53	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				107		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	27940.39	25539.53	25447.24	26309.05	5.37	ppb
Iron	56-2	27403.31	25099.95	24664.91	25722.72	5.72	ppb
Iron	57-2	27460.64	25141.43	24953.46	25851.84	5.40	ppb
Krypton	83-1						cps
Lead	207-1	2503.93	2530.91	2507.66	2514.17	0.58	ppb
Lead	208-1	2464.72	2505.44	2511.41	2493.86	1.02	ppb
Lead	206-1	2457.37	2498.15	2519.45	2491.66	1.27	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:08:35	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	56275.81	52537.16	51959.29	53590.75	4.37	ppb
Manganese	55-2	5507.77	4926.26	4912.43	5115.49	6.64	ppb
Molybdenum	94-1	2479.90	2508.02	2558.37	2515.43	1.58	ppb
Molybdenum	95-1	2478.22	2499.11	2538.36	2505.23	1.22	ppb
Molybdenum	96-1	2497.35	2494.51	2538.32	2510.06	0.98	ppb
Molybdenum	97-1	2511.85	2514.88	2497.29	2508.01	0.37	ppb
Molybdenum	98-1	2445.75	2460.15	2542.35	2482.75	2.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	545.05	496.20	495.33	512.19	5.56	ppb
Phosphorus	31-2	10603.73	9938.70	10003.92	10182.12	3.60	ppb
Potassium	39-2	27159.41	25196.05	24937.35	25764.27	4.72	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	77-2	528.90	505.43	458.79	497.71	7.17	ppb
Selenium	78-2	527.47	483.76	493.63	501.62	4.57	ppb
Selenium	82-1	504.29	492.76	510.51	502.52	1.79	ppb
Silicon	28-1	518.64	543.15	562.94	541.58	4.10	ppb
Silver	109-1	506.15	497.04	496.08	499.76	1.11	ppb
Silver	107-1	497.07	496.59	496.62	496.76	0.05	ppb
Sodium	23-2	54664.05	51005.47	50956.41	52208.65	4.07	ppb
Strontium	86-1	496.16	502.12	507.19	501.83	1.10	ppb
Strontium	88-1	500.57	497.14	511.31	503.01	1.47	ppb
Sulfur	34-1	9819.33	9868.17	9873.77	9853.76	0.30	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	491.17	500.33	501.92	497.81	1.17	ppb
Thallium	205-1	494.86	503.55	508.28	502.23	1.36	ppb
Tin	118-1	498.67	493.98	495.16	495.94	0.49	ppb
Titanium	47-1	2512.18	2546.84	2575.73	2544.92	1.25	ppb
Uranium	238-1	493.98	503.91	504.05	500.64	1.15	ppb
Vanadium	51-2	532.64	488.84	489.97	503.82	4.96	ppb
Yttrium	89-1				107		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:08:35	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	5307.59	4909.51	4819.25	5012.12	5.18	ppb
Zirconium	90-1	499.51	498.95	509.40	502.62	1.17	ppb
Zirconium	91-1	497.06	502.98	506.23	502.09	0.93	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:11:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19817.84	19783.95	19658.04	19753.27	0.43	ppb
Antimony	121-1	994.77	1003.28	999.05	999.03	0.43	ppb
Arsenic	75-2	998.56	1001.00	986.38	995.31	0.79	ppb
Barium	135-1	4908.11	4965.58	5118.74	4997.48	2.18	ppb
Barium	137-1	4968.62	4953.99	5056.18	4992.93	1.11	ppb
Beryllium	9-1	1008.89	987.72	1007.79	1001.47	1.19	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	923.33	998.82	1110.97	1011.04	9.34	ppb
Boron	10-1	916.93	1014.32	1101.00	1010.75	9.11	ppb
Bromine	81-1						cps
Cadmium	106-1	985.73	1005.33	1016.25	1002.43	1.54	ppb
Cadmium	108-1	977.51	1000.25	1022.30	1000.02	2.24	ppb
Cadmium	111-1	981.25	1000.77	1014.94	998.99	1.69	ppb
Calcium	43-1	104282.13	106638.63	106020.62	105647.13	1.16	ppb
Calcium	44-1	102543.36	103384.21	104470.92	103466.16	0.93	ppb
Chromium	52-2	991.20	1005.02	987.80	994.67	0.92	ppb
Cobalt	59-2	1002.26	997.90	989.36	996.51	0.66	ppb
Copper	63-2	9962.99	9943.18	9873.41	9926.53	0.47	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				106		%
Indium	115-2				100		%
Iron	54-2	52049.73	51930.84	52274.35	52084.97	0.33	ppb
Iron	56-2	50493.65	50519.32	50285.51	50432.83	0.25	ppb
Iron	57-2	51134.88	50736.42	50233.82	50701.70	0.89	ppb
Krypton	83-1						cps
Lead	207-1	4920.75	4981.04	5053.89	4985.23	1.34	ppb
Lead	208-1	4960.52	5000.58	5031.22	4997.44	0.71	ppb
Lead	206-1	4965.72	5020.38	5016.51	5000.87	0.61	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:11:36	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	105115.73	105063.73	106300.52	105493.32	0.66	ppb
Manganese	55-2	9993.74	9909.38	9919.01	9940.71	0.46	ppb
Molybdenum	94-1	4949.77	4951.41	5064.34	4988.51	1.32	ppb
Molybdenum	95-1	4973.98	4962.83	5039.55	4992.12	0.83	ppb
Molybdenum	96-1	4915.31	4925.23	5113.89	4984.81	2.24	ppb
Molybdenum	97-1	4918.41	4946.62	5096.42	4987.15	1.92	ppb
Molybdenum	98-1	4939.51	5000.60	5077.57	5005.89	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	986.21	1002.31	990.91	993.15	0.83	ppb
Phosphorus	31-2	19979.23	19684.39	19920.06	19861.23	0.79	ppb
Potassium	39-2	50886.78	50602.42	50257.47	50582.22	0.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	970.49	1048.92	995.01	1004.81	3.99	ppb
Selenium	78-2	1022.77	980.26	989.97	997.67	2.23	ppb
Selenium	82-1	988.86	984.48	1020.75	998.03	1.98	ppb
Silicon	28-1	957.37	976.58	988.37	974.10	1.61	ppb
Silver	109-1	982.99	986.80	1023.10	997.63	2.22	ppb
Silver	107-1	997.23	989.49	1012.34	999.69	1.16	ppb
Sodium	23-2	103134.34	102626.63	103576.47	103112.48	0.46	ppb
Strontium	86-1	993.03	983.93	1021.32	999.43	1.95	ppb
Strontium	88-1	996.82	982.00	1010.26	996.36	1.42	ppb
Sulfur	34-1	20220.24	21045.24	20022.85	20429.45	2.65	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	988.72	1011.16	1002.21	1000.70	1.13	ppb
Thallium	205-1	986.12	1002.99	1002.74	997.28	0.97	ppb
Tin	118-1	992.70	998.06	1012.80	1001.19	1.04	ppb
Titanium	47-1	5013.57	4913.27	5000.88	4975.91	1.10	ppb
Uranium	238-1	990.23	998.60	1007.09	998.64	0.84	ppb
Vanadium	51-2	999.69	1004.02	990.14	997.95	0.71	ppb
Yttrium	89-1				106		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:11:36	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	9931.23	10061.87	9970.32	9987.81	0.67	ppb
Zirconium	90-1	989.07	987.94	1013.76	996.92	1.46	ppb
Zirconium	91-1	982.42	995.98	1018.84	999.08	1.84	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:14:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100793.55	99125.19	100210.95	100043.23	0.85	ppb
Antimony	121-1	0.75	0.86	0.75	0.78	8.13	ppb
Arsenic	75-2	0.64	0.63	0.63	0.63	0.98	ppb
Barium	135-1	9.61	10.37	9.19	9.73	6.10	ppb
Barium	137-1	10.30	9.92	10.31	10.18	2.16	ppb
Beryllium	9-1	0.23	0.18	0.24	0.22	13.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	11-1	197.06	181.33	162.03	180.14	9.74	ppb
Boron	10-1	200.02	179.77	163.59	181.12	10.08	ppb
Bromine	81-1						cps
Cadmium	106-1	1.81	-1.14	0.36	0.34	427.30	ppb
Cadmium	108-1	0.59	0.28	0.21	0.36	55.55	ppb
Cadmium	111-1	0.56	0.29	0.39	0.41	32.36	ppb
Calcium	43-1	507891.34	489953.29	497529.86	498458.16	1.81	ppb
Calcium	44-1	502191.05	493110.10	501844.06	499048.40	1.03	ppb
Chromium	52-2	28.78	29.38	28.28	28.81	1.90	ppb
Cobalt	59-2	1.89	1.82	1.72	1.81	4.56	ppb
Copper	63-2	7.15	7.01	7.11	7.09	1.03	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				104		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				102		%
Iron	54-2	248943.82	248794.30	250496.80	249411.64	0.38	ppb
Iron	56-2	250543.33	250071.77	248856.87	249823.99	0.35	ppb
Iron	57-2	252226.58	248245.05	248774.64	249748.76	0.87	ppb
Krypton	83-1						cps
Lead	207-1	5.93	5.79	5.89	5.87	1.23	ppb
Lead	208-1	5.84	5.89	5.90	5.88	0.54	ppb
Lead	206-1	5.75	6.01	5.79	5.85	2.35	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:14:34	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	504307.66	497979.87	492967.80	498418.45	1.14	ppb
Manganese	55-2	15.61	14.94	15.41	15.32	2.24	ppb
Molybdenum	94-1	3.87	3.61	3.68	3.72	3.59	ppb
Molybdenum	95-1	4.65	4.39	4.91	4.65	5.54	ppb
Molybdenum	96-1	4.72	4.92	5.04	4.89	3.35	ppb
Molybdenum	97-1	5.12	4.56	5.03	4.90	6.15	ppb
Molybdenum	98-1	4.83	4.46	4.66	4.65	3.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.07	19.03	19.32	19.14	0.83	ppb
Phosphorus	31-2	-7.93	14.26	-16.93	-3.53		ppb
Potassium	39-2	251828.25	248076.03	249453.99	249786.09	0.76	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	1.43	-0.72	-0.72	-0.01		ppb
Selenium	78-2	-0.22	1.91	-0.68	0.34	411.85	ppb
Selenium	82-1	-0.24	-1.33	1.66	0.03	5385.17	ppb
Silicon	28-1	81.59	76.80	89.60	82.66	7.82	ppb
Silver	109-1	0.30	0.25	0.25	0.27	11.15	ppb
Silver	107-1	0.24	0.27	0.28	0.26	7.85	ppb
Sodium	23-2	506387.97	494839.07	495989.04	499072.03	1.27	ppb
Strontium	86-1	2.18	2.26	2.02	2.16	5.76	ppb
Strontium	88-1	2.33	2.19	2.16	2.23	4.08	ppb
Sulfur	34-1	-2085.32	-3232.89	-2040.07	-2452.76		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	1.01	0.75	0.71	0.82	19.38	ppb
Thallium	205-1	0.88	0.87	0.76	0.84	7.61	ppb
Tin	118-1	1.00	0.95	0.91	0.95	4.92	ppb
Titanium	47-1	0.87	0.54	0.56	0.66	28.17	ppb
Uranium	238-1	0.10	0.11	0.12	0.11	10.24	ppb
Vanadium	51-2	0.38	0.33	0.36	0.36	7.32	ppb
Yttrium	89-1				104		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:14:34	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	60.24	59.80	58.89	59.64	1.16	ppb
Zirconium	90-1	0.22	0.23	0.23	0.23	3.67	ppb
Zirconium	91-1	0.21	0.22	0.27	0.23	14.52	ppb

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:23:00 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	477.31	483.71	486.78	482.60	1.00	ppb
Antimony	121-1	192.18	195.40	192.84	193.47	0.88	ppb
Arsenic	75-2	199.07	196.24	194.37	196.56	1.20	ppb
Barium	135-1	97.88	99.98	100.43	99.43	1.37	ppb
Barium	137-1	97.31	99.42	102.74	99.82	2.74	ppb
Beryllium	9-1	94.10	95.42	94.78	94.76	0.70	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	11-1	515.18	584.90	624.70	574.93	9.64	ppb
Boron	10-1	516.16	591.05	624.59	577.26	9.62	ppb
Bromine	81-1						cps
Cadmium	106-1	145.13	161.33	141.72	149.39	7.01	ppb
Cadmium	108-1	130.39	133.56	136.66	133.54	2.35	ppb
Cadmium	111-1	98.82	103.18	99.44	100.48	2.34	ppb
Calcium	43-1	2176.09	2227.62	2208.53	2204.08	1.18	ppb
Calcium	44-1	2057.83	2061.11	2093.45	2070.79	0.95	ppb
Chromium	52-2	97.16	95.11	95.76	96.01	1.09	ppb
Cobalt	59-2	96.46	98.29	97.84	97.53	0.98	ppb
Copper	63-2	99.95	101.36	100.00	100.44	0.80	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				103		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				98		%
Iron	54-2	1987.75	1976.95	2011.53	1992.08	0.89	ppb
Iron	56-2	1912.70	1946.46	1914.98	1924.71	0.98	ppb
Iron	57-2	1963.66	1939.32	1913.55	1938.84	1.29	ppb
Krypton	83-1						cps
Lead	207-1	191.80	191.35	197.25	193.47	1.70	ppb
Lead	208-1	201.02	200.26	204.98	202.09	1.26	ppb
Lead	206-1	207.53	206.76	212.31	208.87	1.44	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:23:00	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	1197.48	1160.51	1179.12	1179.04	1.57	ppb
Manganese	55-2	97.19	96.14	98.23	97.19	1.08	ppb
Molybdenum	94-1	2510.01	2580.49	2544.27	2544.92	1.38	ppb
Molybdenum	95-1	2498.68	2513.75	2566.97	2526.46	1.42	ppb
Molybdenum	96-1	2477.09	2545.34	2578.18	2533.54	2.04	ppb
Molybdenum	97-1	2473.43	2523.91	2512.67	2503.34	1.06	ppb
Molybdenum	98-1	2446.78	2507.48	2540.78	2498.35	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.99	99.49	96.47	98.32	1.65	ppb
Phosphorus	31-2	13.23	22.69	65.17	33.70	82.09	ppb
Potassium	39-2	1882.34	1948.19	1910.79	1913.78	1.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	77-2	198.24	170.67	185.12	184.68	7.47	ppb
Selenium	78-2	199.73	199.17	193.60	197.50	1.72	ppb
Selenium	82-1	186.46	195.14	196.46	192.69	2.82	ppb
Silicon	28-1	456.30	472.18	441.51	456.66	3.36	ppb
Silver	109-1	47.91	47.85	47.89	47.88	0.06	ppb
Silver	107-1	46.88	49.12	47.68	47.89	2.37	ppb
Sodium	23-2	2035.12	2065.11	2054.75	2051.66	0.74	ppb
Strontium	86-1	534.15	551.61	556.18	547.31	2.12	ppb
Strontium	88-1	552.72	559.12	560.07	557.30	0.72	ppb
Sulfur	34-1	-644.11	-832.02	-1134.80	-870.31		ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	202.06	206.41	209.43	205.97	1.80	ppb
Thallium	205-1	208.27	208.01	214.03	210.10	1.62	ppb
Tin	118-1	549.63	569.61	552.03	557.09	1.96	ppb
Titanium	47-1	2478.58	2517.02	2492.59	2496.06	0.78	ppb
Uranium	238-1	535.08	535.53	548.18	539.60	1.38	ppb
Vanadium	51-2	93.99	95.70	94.31	94.67	0.96	ppb
Yttrium	89-1				104		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:23:00	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	186.57	192.21	192.81	190.53	1.81	ppb
Zirconium	90-1	535.12	550.93	553.81	546.62	1.84	ppb
Zirconium	91-1	531.25	545.60	549.09	541.98	1.74	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:36:18	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.10	15.99	19.92	17.67	11.48	ppb
Antimony	121-1	1.82	1.76	1.79	1.79	1.76	ppb
Arsenic	75-2	1.09	0.84	0.97	0.97	12.87	ppb
Barium	135-1	9.34	8.85	9.56	9.25	3.97	ppb
Barium	137-1	9.75	9.58	9.98	9.77	2.03	ppb
Beryllium	9-1	0.91	0.84	1.02	0.92	9.72	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	11-1	36.04	39.58	42.98	39.54	8.77	ppb
Boron	10-1	35.07	37.56	43.94	38.85	11.77	ppb
Bromine	81-1						cps
Cadmium	106-1	0.36	-2.53	-0.53	-0.90		ppb
Cadmium	108-1	0.79	1.13	0.73	0.88	24.25	ppb
Cadmium	111-1	0.95	0.67	0.82	0.81	17.35	ppb
Calcium	43-1	468.04	481.23	465.72	471.66	1.77	ppb
Calcium	44-1	463.82	473.79	468.18	468.60	1.07	ppb
Chromium	52-2	1.89	1.64	2.13	1.89	12.91	ppb
Cobalt	59-2	0.93	0.90	0.93	0.92	1.80	ppb
Copper	63-2	2.31	2.26	2.03	2.20	6.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	52.04	45.60	50.61	49.42	6.84	ppb
Iron	56-2	52.95	50.44	48.62	50.67	4.29	ppb
Iron	57-2	56.01	57.05	48.47	53.84	8.69	ppb
Krypton	83-1						cps
Lead	207-1	1.00	1.06	0.99	1.02	3.90	ppb
Lead	208-1	0.98	1.07	1.01	1.02	4.21	ppb
Lead	206-1	0.97	1.18	1.01	1.05	10.23	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:36:18	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	528.33	483.62	495.06	502.34	4.62	ppb
Manganese	55-2	1.16	1.03	0.97	1.05	9.35	ppb
Molybdenum	94-1	4.70	4.85	4.83	4.79	1.71	ppb
Molybdenum	95-1	4.79	4.65	4.73	4.72	1.49	ppb
Molybdenum	96-1	4.83	4.76	5.09	4.89	3.56	ppb
Molybdenum	97-1	4.80	4.86	5.12	4.92	3.42	ppb
Molybdenum	98-1	4.88	4.95	4.88	4.91	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	1.00	1.22	1.09	10.05	ppb
Phosphorus	31-2	4.70	55.34	83.24	47.76	83.36	ppb
Potassium	39-2	516.58	498.26	502.67	505.84	1.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	77-2	1.63	10.35	1.48	4.49	113.23	ppb
Selenium	78-2	6.70	3.24	4.94	4.96	34.89	ppb
Selenium	82-1	2.83	4.09	5.59	4.17	33.15	ppb
Silicon	28-1	-16.86	-20.93	-14.08	-17.29		ppb
Silver	109-1	0.85	0.96	0.98	0.93	7.65	ppb
Silver	107-1	0.88	0.97	0.93	0.93	4.95	ppb
Sodium	23-2	579.95	523.19	505.10	536.08	7.29	ppb
Strontium	86-1	1.08	0.88	0.99	0.98	9.98	ppb
Strontium	88-1	0.98	0.88	0.92	0.93	5.28	ppb
Sulfur	34-1	-1557.40	-1479.75	-479.95	-1172.37		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	0.96	0.93	0.89	0.93	3.74	ppb
Thallium	205-1	0.89	1.03	0.91	0.94	7.94	ppb
Tin	118-1	4.61	4.50	4.75	4.62	2.69	ppb
Titanium	47-1	4.48	4.96	4.65	4.70	5.17	ppb
Uranium	238-1	0.86	0.88	0.86	0.87	1.44	ppb
Vanadium	51-2	5.07	5.05	4.50	4.88	6.65	ppb
Yttrium	89-1				104		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:36:18	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	2.70	2.08	2.40	2.40	12.97	ppb
Zirconium	90-1	0.79	0.89	0.97	0.88	10.07	ppb
Zirconium	91-1	0.81	0.76	0.89	0.82	7.51	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:39:09	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.92	-3.15	1.17	-0.96		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	166.42	ppb
Arsenic	75-2	0.01	0.01	-0.01	0.00	1528.75	ppb
Barium	135-1	0.00	-0.03	-0.01	-0.01		ppb
Barium	137-1	0.01	0.02	0.01	0.01	49.96	ppb
Beryllium	9-1	-0.01	0.01	0.04	0.02	144.00	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	19.68	18.85	19.04	19.19	2.27	ppb
Boron	10-1	19.03	18.47	17.57	18.36	4.02	ppb
Bromine	81-1						cps
Cadmium	106-1	0.21	-0.21	-2.91	-0.97		ppb
Cadmium	108-1	0.00	-0.07	-0.15	-0.07		ppb
Cadmium	111-1	0.01	0.00	-0.19	-0.06		ppb
Calcium	43-1	4.37	-1.37	1.67	1.55	184.70	ppb
Calcium	44-1	-14.55	2.93	-8.31	-6.64		ppb
Chromium	52-2	0.02	-0.10	-0.21	-0.10		ppb
Cobalt	59-2	0.01	0.00	0.02	0.01	84.56	ppb
Copper	63-2	0.17	0.18	0.17	0.18	4.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	-0.92	0.03	1.12	0.08	1282.64	ppb
Iron	56-2	0.25	0.11	0.12	0.16	48.19	ppb
Iron	57-2	-2.67	-1.34	-1.35	-1.79		ppb
Krypton	83-1						cps
Lead	207-1	0.13	0.27	0.20	0.20	35.31	ppb
Lead	208-1	0.11	0.26	0.16	0.18	41.94	ppb
Lead	206-1	0.22	0.32	0.17	0.24	32.30	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:39:09	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	-0.53	0.65	1.35	0.49	193.33	ppb
Manganese	55-2	-0.03	-0.04	-0.03	-0.03		ppb
Molybdenum	94-1	0.00	-0.03	-0.02	-0.02		ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	190.57	ppb
Molybdenum	96-1	0.02	0.00	-0.02	0.00		ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	89.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.07	0.01	896.52	ppb
Phosphorus	31-2	34.35	7.84	-7.79	11.47	185.80	ppb
Potassium	39-2	4.31	28.03	7.07	13.14	98.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	78-2	-0.44	-2.40	0.63	-0.74		ppb
Selenium	82-1	-1.33	-2.24	-1.87	-1.81		ppb
Silicon	28-1	-23.71	4.88	-17.73	-12.18		ppb
Silver	109-1	0.00	0.02	0.00	0.00	201.83	ppb
Silver	107-1	0.01	0.00	0.00	0.00	79.97	ppb
Sodium	23-2	28.40	33.66	25.95	29.34	13.43	ppb
Strontium	86-1	0.02	0.07	0.17	0.09	86.08	ppb
Strontium	88-1	-0.01	-0.01	0.00	-0.01		ppb
Sulfur	34-1	-1477.11	2359.72	-1296.99	-138.13		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.00	0.00	0.01	113.96	ppb
Thallium	205-1	0.00	0.01	0.02	0.01	157.75	ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.01		ppb
Titanium	47-1	-0.09	-0.40	-0.19	-0.23		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	96.76	ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00		ppb
Yttrium	89-1				101		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:39:09	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.21	0.30	0.09	0.20	52.93	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	-0.03	0.01	0.03	0.00	545.24	ppb

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:41:57 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	83712.25	80632.41	86901.55	83748.74	3.74	ppb
Antimony	121-1	1.02	1.01	1.12	1.05	5.68	ppb
Arsenic	75-2	0.33	0.39	0.33	0.35	10.15	ppb
Barium	135-1	1.61	1.41	1.48	1.50	6.55	ppb
Barium	137-1	1.33	1.43	1.47	1.41	5.18	ppb
Beryllium	9-1	0.29	0.21	0.28	0.26	16.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	11-1	18.02	18.03	16.66	17.57	4.50	ppb
Boron	10-1	17.10	19.89	16.41	17.80	10.33	ppb
Bromine	81-1						cps
Cadmium	106-1	0.51	0.42	-2.54	-0.54		ppb
Cadmium	108-1	7.08	8.57	6.93	7.53	12.06	ppb
Cadmium	111-1	0.35	0.23	0.07	0.22	66.70	ppb
Calcium	43-1	93106.01	94884.55	93326.84	93772.46	1.03	ppb
Calcium	44-1	91692.22	92579.99	91694.33	91988.85	0.56	ppb
Chromium	52-2	17.89	17.62	19.31	18.27	4.98	ppb
Cobalt	59-2	1.18	1.13	1.15	1.15	2.39	ppb
Copper	63-2	7.67	7.46	8.07	7.73	4.00	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				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	91543.45	91824.28	96914.61	93427.45	3.24	ppb
Iron	56-2	91716.17	90701.34	95730.93	92716.15	2.87	ppb
Iron	57-2	92719.69	91238.07	99131.70	94363.16	4.45	ppb
Krypton	83-1						cps
Lead	207-1	3.95	4.36	4.00	4.10	5.50	ppb
Lead	208-1	4.20	4.49	4.21	4.30	3.88	ppb
Lead	206-1	4.62	4.78	4.57	4.66	2.37	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:41:57	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	92644.74	89573.69	94708.20	92308.88	2.80	ppb
Manganese	55-2	6.66	6.74	7.23	6.88	4.52	ppb
Molybdenum	94-1	1243.02	1270.85	1235.26	1249.71	1.50	ppb
Molybdenum	95-1	1783.35	1811.65	1790.72	1795.24	0.82	ppb
Molybdenum	96-1	1728.56	1732.49	1723.00	1728.02	0.28	ppb
Molybdenum	97-1	1788.75	1780.09	1777.42	1782.09	0.33	ppb
Molybdenum	98-1	1766.42	1794.16	1781.34	1780.64	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.90	4.90	5.58	5.13	7.66	ppb
Phosphorus	31-2	89191.01	87143.94	93163.05	89832.67	3.41	ppb
Potassium	39-2	91226.10	89749.42	95824.13	92266.55	3.43	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	-0.72	3.52	1.55	1.45	146.52	ppb
Selenium	78-2	-0.07	-1.42	-1.48	-0.99		ppb
Selenium	82-1	-0.81	-2.72	-1.38	-1.64		ppb
Silicon	28-1	22.23	22.39	19.84	21.49	6.65	ppb
Silver	109-1	0.01	0.03	0.03	0.03	39.47	ppb
Silver	107-1	0.02	0.02	0.03	0.02	23.21	ppb
Sodium	23-2	93607.64	92721.97	98274.23	94867.95	3.14	ppb
Strontium	86-1	30.32	32.10	30.35	30.92	3.29	ppb
Strontium	88-1	31.51	31.74	31.25	31.50	0.78	ppb
Sulfur	34-1	79435.52	75619.67	74455.94	76503.71	3.40	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.12	0.11	0.13	0.12	5.37	ppb
Thallium	205-1	0.09	0.11	0.17	0.13	34.10	ppb
Tin	118-1	0.26	0.28	0.28	0.27	3.81	ppb
Titanium	47-1	1830.66	1815.69	1852.85	1833.07	1.02	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	24.77	ppb
Vanadium	51-2	0.13	0.09	0.11	0.11	16.48	ppb
Yttrium	89-1				104		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:41:57	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	12.46	10.74	11.12	11.44	7.92	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	34.68	ppb
Zirconium	91-1	0.02	-0.03	0.00	0.00		ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:02:45	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90680.01	88748.32	96979.43	92135.92	4.67	ppb
Antimony	121-1	20.44	21.51	20.38	20.77	3.06	ppb
Arsenic	75-2	20.21	20.14	22.18	20.84	5.53	ppb
Barium	135-1	20.51	22.07	21.16	21.25	3.70	ppb
Barium	137-1	21.96	21.30	21.96	21.74	1.75	ppb
Beryllium	9-1	19.35	18.90	19.55	19.26	1.73	ppb
Bismuth	209-1				103		%
Bismuth	209-2				96		%
Boron	11-1	82.37	83.54	85.17	83.70	1.68	ppb
Boron	10-1	82.68	84.24	83.63	83.52	0.94	ppb
Bromine	81-1						cps
Cadmium	106-1	16.74	19.61	20.43	18.93	10.23	ppb
Cadmium	108-1	28.93	28.71	24.54	27.40	9.02	ppb
Cadmium	111-1	18.67	19.54	19.70	19.30	2.88	ppb
Calcium	43-1	100130.98	100373.74	101572.66	100692.46	0.77	ppb
Calcium	44-1	98239.68	96991.71	101302.01	98844.47	2.24	ppb
Chromium	52-2	39.04	39.65	41.93	40.21	3.78	ppb
Cobalt	59-2	20.86	20.96	22.95	21.59	5.46	ppb
Copper	63-2	27.77	28.38	31.02	29.06	5.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	98454.50	99401.96	107920.14	101925.53	5.11	ppb
Iron	56-2	96856.59	97612.54	105929.82	100132.98	5.03	ppb
Iron	57-2	99633.68	100944.82	109818.78	103465.76	5.36	ppb
Krypton	83-1						cps
Lead	207-1	22.36	22.94	23.59	22.97	2.68	ppb
Lead	208-1	23.52	24.02	24.18	23.91	1.44	ppb
Lead	206-1	24.61	24.85	25.05	24.84	0.89	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:02:45	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	99781.22	97870.44	106081.30	101244.32	4.24	ppb
Manganese	55-2	26.00	25.78	28.02	26.60	4.65	ppb
Molybdenum	94-1	1432.32	1428.22	1480.25	1446.93	2.00	ppb
Molybdenum	95-1	1938.16	1966.34	1967.41	1957.30	0.85	ppb
Molybdenum	96-1	1884.47	1888.39	1901.75	1891.53	0.48	ppb
Molybdenum	97-1	1961.00	1966.50	1964.30	1963.93	0.14	ppb
Molybdenum	98-1	1962.49	1941.34	1967.91	1957.25	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.31	25.01	27.86	25.73	7.29	ppb
Phosphorus	31-2	95801.27	94725.26	104535.49	98354.01	5.47	ppb
Potassium	39-2	98335.40	97029.22	106001.47	100455.36	4.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	77-2	27.86	19.13	34.47	27.15	28.34	ppb
Selenium	78-2	23.94	16.70	19.17	19.94	18.47	ppb
Selenium	82-1	16.86	18.28	19.71	18.28	7.80	ppb
Silicon	28-1	80.63	79.49	89.62	83.25	6.66	ppb
Silver	109-1	18.66	18.71	18.38	18.58	0.94	ppb
Silver	107-1	18.51	19.00	18.62	18.71	1.38	ppb
Sodium	23-2	102560.45	100512.07	110095.37	104389.30	4.83	ppb
Strontium	86-1	78.01	77.57	79.78	78.46	1.49	ppb
Strontium	88-1	79.53	80.11	83.26	80.97	2.48	ppb
Sulfur	34-1	85126.19	83910.51	83491.12	84175.94	1.01	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	19.88	20.37	20.27	20.18	1.29	ppb
Thallium	205-1	20.21	20.02	20.53	20.25	1.27	ppb
Tin	118-1	44.98	45.98	45.76	45.57	1.15	ppb
Titanium	47-1	1982.11	1990.63	2013.03	1995.26	0.80	ppb
Uranium	238-1	46.22	46.44	46.32	46.33	0.24	ppb
Vanadium	51-2	19.41	19.64	20.48	19.84	2.85	ppb
Yttrium	89-1				105		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:02:45	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	30.37	30.21	34.23	31.60	7.21	ppb
Zirconium	90-1	46.36	45.64	46.75	46.25	1.21	ppb
Zirconium	91-1	44.65	43.96	47.08	45.23	3.63	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:05:33	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52014.39	50792.32	50068.43	50958.38	1.93	ppb
Antimony	121-1	489.01	486.42	500.34	491.92	1.51	ppb
Arsenic	75-2	495.97	493.05	488.93	492.65	0.72	ppb
Barium	135-1	2406.85	2487.05	2558.38	2484.09	3.05	ppb
Barium	137-1	2458.74	2517.74	2552.95	2509.81	1.90	ppb
Beryllium	9-1	471.03	484.73	480.44	478.73	1.46	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	11-1	377.28	457.61	506.05	446.98	14.55	ppb
Boron	10-1	375.48	450.16	504.46	443.37	14.61	ppb
Bromine	81-1						cps
Cadmium	106-1	472.15	465.56	500.98	479.57	3.93	ppb
Cadmium	108-1	470.15	474.84	489.47	478.15	2.11	ppb
Cadmium	111-1	475.03	478.96	488.29	480.76	1.42	ppb
Calcium	43-1	243465.55	242410.77	246637.09	244171.13	0.90	ppb
Calcium	44-1	247697.99	246867.89	246981.34	247182.41	0.18	ppb
Chromium	52-2	519.96	508.99	500.48	509.81	1.92	ppb
Cobalt	59-2	500.45	490.92	480.36	490.58	2.05	ppb
Copper	63-2	5042.73	4807.50	4838.84	4896.35	2.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	124743.04	123635.97	122717.38	123698.80	0.82	ppb
Iron	56-2	125543.03	122290.19	120755.22	122862.81	1.99	ppb
Iron	57-2	126332.03	123729.57	123230.60	124430.73	1.34	ppb
Krypton	83-1						cps
Lead	207-1	2512.17	2514.80	2514.71	2513.89	0.06	ppb
Lead	208-1	2494.38	2500.97	2493.42	2496.26	0.16	ppb
Lead	206-1	2501.73	2498.82	2483.68	2494.74	0.39	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:05:33	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	253011.48	247746.26	246516.53	249091.42	1.39	ppb
Manganese	55-2	5079.79	5004.39	4968.18	5017.45	1.13	ppb
Molybdenum	94-1	2526.96	2508.02	2447.53	2494.17	1.66	ppb
Molybdenum	95-1	2515.44	2455.82	2452.75	2474.67	1.43	ppb
Molybdenum	96-1	2506.21	2462.93	2444.91	2471.35	1.27	ppb
Molybdenum	97-1	2509.50	2499.73	2470.98	2493.40	0.80	ppb
Molybdenum	98-1	2521.79	2484.07	2452.11	2485.99	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.23	496.62	487.82	497.22	1.95	ppb
Phosphorus	31-2	10099.30	9981.86	10161.80	10080.99	0.91	ppb
Potassium	39-2	126302.66	121762.25	121254.98	123106.63	2.26	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	77-2	506.23	501.20	502.76	503.40	0.51	ppb
Selenium	78-2	504.53	482.02	472.14	486.23	3.41	ppb
Selenium	82-1	480.97	483.75	476.51	480.41	0.76	ppb
Silicon	28-1	529.88	571.00	650.33	583.74	10.49	ppb
Silver	109-1	486.05	491.87	493.04	490.32	0.76	ppb
Silver	107-1	478.70	489.19	494.14	487.34	1.62	ppb
Sodium	23-2	254076.12	243639.06	246532.39	248082.52	2.17	ppb
Strontium	86-1	489.33	487.19	487.76	488.09	0.23	ppb
Strontium	88-1	495.11	496.76	497.31	496.40	0.23	ppb
Sulfur	34-1	6306.08	6482.29	7220.49	6669.62	7.27	ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	494.23	496.27	499.50	496.67	0.54	ppb
Thallium	205-1	500.26	506.92	513.44	506.87	1.30	ppb
Tin	118-1	483.86	488.39	494.40	488.88	1.08	ppb
Titanium	47-1	2473.91	2506.37	2494.98	2491.75	0.66	ppb
Uranium	238-1	517.12	516.40	513.01	515.51	0.43	ppb
Vanadium	51-2	511.67	501.71	492.84	502.08	1.88	ppb
Yttrium	89-1				107		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:05:33	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	4921.53	4781.07	4777.48	4826.69	1.70	ppb
Zirconium	90-1	495.43	498.65	489.91	494.66	0.89	ppb
Zirconium	91-1	492.39	492.82	485.72	490.31	0.81	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:09:54	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.48	0.78	0.34	0.53	42.27	ppb
Antimony	121-1	0.02	0.02	0.03	0.03	22.51	ppb
Arsenic	75-2	0.03	0.00	0.05	0.03	98.49	ppb
Barium	135-1	0.00	0.01	-0.01	0.00		ppb
Barium	137-1	0.01	0.02	0.01	0.01	49.78	ppb
Beryllium	9-1	0.03	0.05	0.04	0.04	32.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	11-1	29.10	26.70	27.34	27.72	4.49	ppb
Boron	10-1	28.46	28.94	27.08	28.16	3.42	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.16	-0.84	-2.54	-1.85		ppb
Cadmium	108-1	-0.01	0.14	0.15	0.10	92.04	ppb
Cadmium	111-1	-0.14	-0.06	-0.18	-0.13		ppb
Calcium	43-1	2.44	-5.83	-5.72	-3.03		ppb
Calcium	44-1	-8.12	-13.30	-4.00	-8.47		ppb
Chromium	52-2	-0.07	-0.02	-0.03	-0.04		ppb
Cobalt	59-2	0.00	-0.01	-0.02	-0.01		ppb
Copper	63-2	0.65	0.49	0.67	0.61	16.47	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				102		%
Indium	115-2				98		%
Iron	54-2	2.15	-1.82	1.07	0.47	438.34	ppb
Iron	56-2	0.74	0.32	0.59	0.55	39.00	ppb
Iron	57-2	2.12	1.33	3.19	2.21	42.18	ppb
Krypton	83-1						cps
Lead	207-1	0.30	0.35	0.39	0.35	12.98	ppb
Lead	208-1	0.29	0.29	0.34	0.31	10.39	ppb
Lead	206-1	0.31	0.33	0.43	0.36	18.76	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:09:54	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				108		%
Magnesium	24-2	0.14	0.24	1.41	0.59	118.32	ppb
Manganese	55-2	-0.03	0.03	0.05	0.02	271.40	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	330.11	ppb
Molybdenum	95-1	0.07	0.05	0.04	0.05	29.29	ppb
Molybdenum	96-1	0.04	0.01	0.04	0.03	64.24	ppb
Molybdenum	97-1	0.05	0.01	0.04	0.03	68.51	ppb
Molybdenum	98-1	0.07	0.05	0.03	0.05	39.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.10	-0.06	0.02	459.70	ppb
Phosphorus	31-2	47.29	-55.23	9.27	0.45	11611.00	ppb
Potassium	39-2	47.90	21.94	26.00	31.95	43.72	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	78-2	1.24	0.16	0.11	0.50	126.99	ppb
Selenium	82-1	-1.41	0.14	-0.24	-0.50		ppb
Silicon	28-1	-19.02	-14.93	-2.42	-12.13		ppb
Silver	109-1	0.00	0.01	0.02	0.01	61.68	ppb
Silver	107-1	0.02	0.01	0.01	0.01	10.51	ppb
Sodium	23-2	94.33	80.14	86.73	87.07	8.16	ppb
Strontium	86-1	-0.07	0.01	0.06	0.00	3241.97	ppb
Strontium	88-1	0.00	-0.01	-0.01	0.00		ppb
Sulfur	34-1	-2771.51	-1942.52	-613.09	-1775.71		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.05	0.06	0.07	0.06	8.74	ppb
Thallium	205-1	0.06	0.07	0.07	0.06	12.98	ppb
Tin	118-1	-0.04	0.02	0.06	0.01	401.53	ppb
Titanium	47-1	-0.05	-0.15	-0.07	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	45.97	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00		ppb
Yttrium	89-1				103		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:09:54	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	0.58	0.37	0.47	0.47	21.42	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	100.47	ppb
Zirconium	91-1	0.02	0.01	-0.02	0.00	526.62	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:19:27	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.07	21.02	24.00	21.03	14.11	ppb
Antimony	121-1	2.12	1.97	2.06	2.05	3.66	ppb
Arsenic	75-2	1.06	1.10	0.85	1.01	13.26	ppb
Barium	135-1	11.06	10.23	10.27	10.52	4.43	ppb
Barium	137-1	10.14	10.90	10.90	10.64	4.13	ppb
Beryllium	9-1	0.91	1.07	0.99	0.99	8.19	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	26.61	30.09	33.10	29.93	10.86	ppb
Boron	10-1	25.19	31.13	33.61	29.98	14.43	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.64	0.82	3.20	0.80	304.25	ppb
Cadmium	108-1	0.91	1.22	1.34	1.16	19.22	ppb
Cadmium	111-1	1.01	0.98	1.17	1.05	9.98	ppb
Calcium	43-1	496.36	535.50	524.74	518.87	3.90	ppb
Calcium	44-1	533.53	519.72	531.95	528.40	1.43	ppb
Chromium	52-2	1.90	2.14	1.57	1.87	15.22	ppb
Cobalt	59-2	1.01	1.06	1.10	1.06	4.18	ppb
Copper	63-2	2.34	2.48	2.26	2.36	4.76	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				105		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	55.50	57.11	52.95	55.19	3.80	ppb
Iron	56-2	55.51	55.75	56.88	56.05	1.31	ppb
Iron	57-2	49.52	54.11	60.48	54.70	10.06	ppb
Krypton	83-1						cps
Lead	207-1	1.22	1.12	1.25	1.20	5.93	ppb
Lead	208-1	1.14	1.14	1.19	1.16	2.40	ppb
Lead	206-1	1.12	1.21	1.25	1.19	5.64	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:19:27	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	543.20	548.84	555.20	549.08	1.09	ppb
Manganese	55-2	0.98	1.15	1.22	1.12	11.32	ppb
Molybdenum	94-1	5.39	5.54	5.47	5.47	1.37	ppb
Molybdenum	95-1	5.31	5.46	5.48	5.42	1.75	ppb
Molybdenum	96-1	5.18	5.48	5.57	5.41	3.70	ppb
Molybdenum	97-1	5.02	5.07	5.68	5.25	7.01	ppb
Molybdenum	98-1	5.36	5.29	5.53	5.39	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.24	1.10	1.17	5.92	ppb
Phosphorus	31-2	164.52	22.63	9.70	65.62	130.90	ppb
Potassium	39-2	514.53	552.19	553.08	539.94	4.08	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	3.55	1.45	7.83	4.28	75.94	ppb
Selenium	78-2	5.90	3.47	4.60	4.66	26.16	ppb
Selenium	82-1	6.47	5.97	3.58	5.34	28.96	ppb
Silicon	28-1	-12.42	-10.94	-11.02	-11.46		ppb
Silver	109-1	1.05	1.06	0.96	1.02	5.62	ppb
Silver	107-1	1.05	1.11	1.08	1.08	2.56	ppb
Sodium	23-2	579.84	594.47	602.94	592.42	1.97	ppb
Strontium	86-1	1.01	1.02	1.08	1.04	3.72	ppb
Strontium	88-1	1.00	1.03	1.03	1.02	1.49	ppb
Sulfur	34-1	-1852.39	-2289.40	-1445.57	-1862.45		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	1.08	0.95	1.04	1.03	6.31	ppb
Thallium	205-1	1.00	0.98	1.07	1.02	4.56	ppb
Tin	118-1	5.05	5.67	5.07	5.26	6.64	ppb
Titanium	47-1	5.50	5.56	5.66	5.57	1.44	ppb
Uranium	238-1	1.03	1.07	0.97	1.02	5.32	ppb
Vanadium	51-2	5.60	5.40	5.69	5.56	2.61	ppb
Yttrium	89-1				106		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:19:27	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	2.27	2.57	2.76	2.53	9.86	ppb
Zirconium	90-1	0.95	0.92	0.96	0.95	2.42	ppb
Zirconium	91-1	0.80	0.92	0.86	0.86	6.92	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	PB128153BL	Instrumnet Name :	P8
Client Sample ID :	PB128153BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:22:15	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-4.23	1.43	1.76	-0.34		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	25.13	ppb
Arsenic	75-2	-0.01	0.05	-0.03	0.00	1304.22	ppb
Barium	135-1	-0.03	-0.01	0.00	-0.01		ppb
Barium	137-1	0.00	0.00	0.04	0.01	177.30	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	12.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	11-1	14.06	13.47	15.53	14.36	7.40	ppb
Boron	10-1	13.74	13.71	15.16	14.21	5.84	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.89	-2.59	-1.82	-2.43		ppb
Cadmium	108-1	0.14	0.00	0.02	0.05	146.56	ppb
Cadmium	111-1	-0.21	-0.18	-0.12	-0.17		ppb
Calcium	43-1	-19.89	2.18	21.09	1.13	1817.32	ppb
Calcium	44-1	-12.70	-9.14	28.11	2.09	1080.94	ppb
Chromium	52-2	-0.23	-0.25	-0.16	-0.22		ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	556.75	ppb
Copper	63-2	0.21	0.19	0.22	0.21	8.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-1.14	-0.89	0.30	-0.58		ppb
Iron	56-2	0.10	0.15	-0.02	0.07	116.51	ppb
Iron	57-2	1.02	-1.78	0.53	-0.08		ppb
Krypton	83-1						cps
Lead	207-1	0.15	0.24	0.42	0.27	52.28	ppb
Lead	208-1	0.13	0.15	0.34	0.21	57.54	ppb
Lead	206-1	0.16	0.12	0.27	0.19	41.83	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	PB128153BL	Instrumnet Name :	P8
Client Sample ID :	PB128153BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:22:15	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	0.79	-0.36	0.83	0.42	159.32	ppb
Manganese	55-2	0.02	-0.06	-0.04	-0.03		ppb
Molybdenum	94-1	-0.04	-0.03	-0.02	-0.03		ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	96-1	-0.01	0.02	0.01	0.01	182.80	ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	109.05	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	39.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.04	-0.01	-0.01		ppb
Phosphorus	31-2	6.49	-19.99	1.88	-3.87		ppb
Potassium	39-2	9.05	-3.66	5.16	3.52	185.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	3.60	-0.72	-0.72	0.72	347.79	ppb
Selenium	78-2	-0.39	-1.46	0.68	-0.39		ppb
Selenium	82-1	1.96	1.00	-0.92	0.68	216.47	ppb
Silicon	28-1	-24.96	-22.63	43.23	-1.45		ppb
Silver	109-1	0.00	0.01	0.00	0.00	321.12	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	48.43	42.37	43.67	44.83	7.12	ppb
Strontium	86-1	-0.08	-0.04	0.37	0.08	294.44	ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-2010.30	-1144.52	6712.92	1186.03	405.21	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.04	0.02	71.58	ppb
Thallium	205-1	0.02	0.01	0.03	0.02	37.06	ppb
Tin	118-1	0.02	0.02	0.05	0.03	57.87	ppb
Titanium	47-1	-0.24	-0.11	-0.25	-0.20		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	75.73	ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	197.17	ppb
Yttrium	89-1				100		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	PB128153BL	Instrumnet Name :	P8
Client Sample ID :	PB128153BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:22:15	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.40	0.32	0.43	0.38	15.89	ppb
Zirconium	90-1	0.00	-0.01	0.01	0.00		ppb
Zirconium	91-1	-0.03	-0.01	0.01	-0.01		ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	PB128153BS	Instrumnet Name :	P8
Client Sample ID :	PB128153BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:25:05	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9946.27	10693.60	9911.14	10183.67	4.34	ppb
Antimony	121-1	498.82	497.01	504.17	500.00	0.75	ppb
Arsenic	75-2	509.58	528.35	504.20	514.04	2.47	ppb
Barium	135-1	2463.31	2478.89	2487.11	2476.44	0.49	ppb
Barium	137-1	2492.84	2485.62	2535.76	2504.74	1.08	ppb
Beryllium	9-1	491.25	492.44	504.81	496.17	1.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	11-1	343.34	419.35	478.10	413.60	16.34	ppb
Boron	10-1	351.31	420.54	479.34	417.07	15.37	ppb
Bromine	81-1						cps
Cadmium	106-1	507.22	481.98	493.61	494.27	2.56	ppb
Cadmium	108-1	490.68	489.39	489.18	489.75	0.17	ppb
Cadmium	111-1	491.11	493.33	494.98	493.14	0.39	ppb
Calcium	43-1	52714.95	52357.30	51263.35	52111.87	1.45	ppb
Calcium	44-1	50782.18	51911.53	50695.80	51129.84	1.33	ppb
Chromium	52-2	500.26	542.08	502.28	514.87	4.58	ppb
Cobalt	59-2	498.85	537.58	498.89	511.77	4.37	ppb
Copper	63-2	5099.04	5487.56	4994.45	5193.68	5.00	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				107		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	26180.64	27808.45	26224.44	26737.84	3.47	ppb
Iron	56-2	25743.81	27390.95	25870.98	26335.25	3.48	ppb
Iron	57-2	25898.41	27505.92	25637.45	26347.26	3.84	ppb
Krypton	83-1						cps
Lead	207-1	2494.90	2455.50	2507.98	2486.13	1.10	ppb
Lead	208-1	2472.67	2471.57	2499.15	2481.13	0.63	ppb
Lead	206-1	2483.17	2504.57	2530.41	2506.05	0.94	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	PB128153BS	Instrumnet Name :	P8
Client Sample ID :	PB128153BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:25:05	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	54116.42	57063.69	53021.77	54733.96	3.82	ppb
Manganese	55-2	5070.88	5337.25	5098.95	5169.02	2.83	ppb
Molybdenum	94-1	2494.82	2408.52	2472.84	2458.72	1.82	ppb
Molybdenum	95-1	2513.56	2446.67	2486.73	2482.32	1.36	ppb
Molybdenum	96-1	2518.36	2432.11	2483.55	2478.00	1.75	ppb
Molybdenum	97-1	2512.96	2442.34	2475.51	2476.93	1.43	ppb
Molybdenum	98-1	2480.93	2454.49	2436.88	2457.43	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.37	540.73	501.49	516.19	4.14	ppb
Phosphorus	31-2	10018.17	11440.86	10111.67	10523.56	7.56	ppb
Potassium	39-2	25655.57	27695.23	25772.32	26374.37	4.34	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				98		%
Selenium	77-2	544.09	509.31	510.52	521.31	3.79	ppb
Selenium	78-2	504.95	539.94	497.11	514.00	4.44	ppb
Selenium	82-1	490.86	484.29	485.84	487.00	0.71	ppb
Silicon	28-1	450.98	469.83	488.29	469.70	3.97	ppb
Silver	109-1	498.52	501.26	503.57	501.12	0.50	ppb
Silver	107-1	494.95	489.94	503.05	495.98	1.33	ppb
Sodium	23-2	53344.76	56922.89	52151.53	54139.73	4.59	ppb
Strontium	86-1	497.19	486.67	491.33	491.73	1.07	ppb
Strontium	88-1	504.95	495.39	496.95	499.09	1.03	ppb
Sulfur	34-1	8864.12	8218.31	8252.94	8445.12	4.30	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	483.80	489.10	499.72	490.87	1.65	ppb
Thallium	205-1	494.32	504.85	508.82	502.67	1.49	ppb
Tin	118-1	484.55	495.16	493.24	490.98	1.15	ppb
Titanium	47-1	2446.28	2468.03	2468.26	2460.86	0.51	ppb
Uranium	238-1	499.66	486.14	497.81	494.53	1.48	ppb
Vanadium	51-2	498.89	537.06	504.66	513.54	4.01	ppb
Yttrium	89-1				108		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	PB128153BS	Instrumnet Name :	P8
Client Sample ID :	PB128153BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:25:05	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	4977.71	5371.05	4970.96	5106.57	4.49	ppb
Zirconium	90-1	500.39	491.15	499.17	496.91	1.01	ppb
Zirconium	91-1	498.20	487.24	489.04	491.49	1.20	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:27:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4491.95	4625.48	4513.37	4543.60	1.58	ppb
Antimony	121-1	0.79	0.77	0.86	0.80	5.82	ppb
Arsenic	75-2	4.28	4.12	4.09	4.16	2.49	ppb
Barium	135-1	235.78	244.32	243.62	241.24	1.97	ppb
Barium	137-1	237.16	243.85	241.89	240.97	1.43	ppb
Beryllium	9-1	0.30	0.24	0.29	0.28	12.25	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	11-1	82.90	75.26	74.60	77.59	5.94	ppb
Boron	10-1	83.07	77.69	71.78	77.52	7.28	ppb
Bromine	81-1						cps
Cadmium	106-1	0.03	0.14	-1.93	-0.59		ppb
Cadmium	108-1	0.69	0.93	1.26	0.96	29.84	ppb
Cadmium	111-1	0.65	0.64	0.68	0.66	3.19	ppb
Calcium	43-1	18194.25	18684.01	18199.96	18359.40	1.53	ppb
Calcium	44-1	18457.03	18339.40	18205.19	18333.87	0.69	ppb
Chromium	52-2	21.95	22.38	22.57	22.30	1.44	ppb
Cobalt	59-2	5.84	5.96	5.97	5.92	1.20	ppb
Copper	63-2	224.09	234.60	233.05	230.58	2.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				102		%
Iron	54-2	14277.85	14670.81	14535.38	14494.68	1.38	ppb
Iron	56-2	14241.36	14513.78	14288.73	14347.96	1.01	ppb
Iron	57-2	14205.77	14648.72	14403.50	14419.33	1.54	ppb
Krypton	83-1						cps
Lead	207-1	2270.37	2323.63	2370.42	2321.47	2.16	ppb
Lead	208-1	2326.20	2353.24	2409.16	2362.87	1.79	ppb
Lead	206-1	2371.91	2427.39	2499.11	2432.80	2.62	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:27:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	7235.19	7495.84	7413.79	7381.61	1.81	ppb
Manganese	55-2	420.64	432.45	435.76	429.62	1.85	ppb
Molybdenum	94-1	1.94	1.97	2.03	1.98	2.37	ppb
Molybdenum	95-1	1.71	1.83	2.04	1.86	8.82	ppb
Molybdenum	96-1	2.08	1.97	1.98	2.01	3.04	ppb
Molybdenum	97-1	1.95	2.07	1.96	1.99	3.27	ppb
Molybdenum	98-1	1.93	2.05	1.97	1.98	3.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.36	13.09	14.21	13.55	4.31	ppb
Phosphorus	31-2	244.31	172.06	201.28	205.88	17.65	ppb
Potassium	39-2	1092.72	1168.80	1122.89	1128.14	3.40	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	77-2	1.40	-0.72	11.94	4.21	161.22	ppb
Selenium	78-2	-0.66	1.02	-1.08	-0.24		ppb
Selenium	82-1	0.90	-1.23	-3.83	-1.39		ppb
Silicon	28-1	2984.91	3125.81	2965.99	3025.57	2.89	ppb
Silver	109-1	0.16	0.17	0.16	0.16	2.15	ppb
Silver	107-1	0.15	0.15	0.19	0.17	15.36	ppb
Sodium	23-2	22607.76	23597.13	23076.06	23093.65	2.14	ppb
Strontium	86-1	71.78	69.92	70.77	70.82	1.31	ppb
Strontium	88-1	71.57	73.37	72.10	72.35	1.28	ppb
Sulfur	34-1	-2534.46	-1929.72	-3175.78	-2546.66		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.55	0.63	0.66	0.61	9.75	ppb
Thallium	205-1	0.55	0.67	0.67	0.63	11.13	ppb
Tin	118-1	7.27	7.48	7.16	7.30	2.24	ppb
Titanium	47-1	209.19	213.74	207.51	210.15	1.53	ppb
Uranium	238-1	0.60	0.55	0.57	0.57	4.86	ppb
Vanadium	51-2	16.19	16.61	16.49	16.43	1.33	ppb
Yttrium	89-1				107		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:27:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	518.74	546.12	542.70	535.85	2.78	ppb
Zirconium	90-1	0.42	0.40	0.37	0.40	5.59	ppb
Zirconium	91-1	0.43	0.34	0.37	0.38	13.09	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:30:44	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4781.43	4487.11	4400.19	4556.25	4.39	ppb
Antimony	121-1	0.76	0.70	0.78	0.75	5.45	ppb
Arsenic	75-2	4.21	3.93	4.20	4.12	3.91	ppb
Barium	135-1	235.12	237.48	240.93	237.84	1.23	ppb
Barium	137-1	235.79	238.29	242.55	238.88	1.43	ppb
Beryllium	9-1	0.23	0.27	0.24	0.25	9.15	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	11-1	40.24	42.36	42.39	41.66	2.95	ppb
Boron	10-1	40.38	39.80	41.38	40.52	1.96	ppb
Bromine	81-1						cps
Cadmium	106-1	2.58	-0.17	0.51	0.97	147.36	ppb
Cadmium	108-1	1.05	1.41	0.64	1.03	37.31	ppb
Cadmium	111-1	0.82	0.57	0.80	0.73	19.15	ppb
Calcium	43-1	18043.03	18425.04	18553.02	18340.36	1.45	ppb
Calcium	44-1	18039.07	18444.18	18534.54	18339.26	1.44	ppb
Chromium	52-2	23.22	22.05	21.78	22.35	3.43	ppb
Cobalt	59-2	6.37	6.07	6.02	6.15	3.11	ppb
Copper	63-2	239.57	231.96	226.63	232.72	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	54-2	15295.65	14534.75	14201.32	14677.24	3.82	ppb
Iron	56-2	14942.13	14484.69	14051.20	14492.67	3.07	ppb
Iron	57-2	15049.93	14392.04	13993.44	14478.47	3.68	ppb
Krypton	83-1						cps
Lead	207-1	2318.22	2307.19	2331.92	2319.11	0.53	ppb
Lead	208-1	2350.00	2345.22	2365.34	2353.52	0.45	ppb
Lead	206-1	2403.17	2423.47	2428.50	2418.38	0.55	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:30:44	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	7614.10	7377.75	7037.24	7343.03	3.95	ppb
Manganese	55-2	449.60	432.87	419.83	434.10	3.44	ppb
Molybdenum	94-1	1.86	1.73	1.97	1.85	6.60	ppb
Molybdenum	95-1	1.74	1.78	2.06	1.86	9.31	ppb
Molybdenum	96-1	1.87	1.77	2.11	1.92	9.03	ppb
Molybdenum	97-1	1.75	2.06	1.97	1.93	8.40	ppb
Molybdenum	98-1	1.88	1.79	2.02	1.90	6.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.24	13.73	13.40	13.79	3.08	ppb
Phosphorus	31-2	253.28	204.79	214.69	224.25	11.43	ppb
Potassium	39-2	1189.13	1119.14	1081.59	1129.95	4.83	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	77-2	3.81	1.42	23.45	9.56	126.43	ppb
Selenium	78-2	1.27	2.01	-0.87	0.80	186.16	ppb
Selenium	82-1	-0.68	0.85	-1.32	-0.38		ppb
Silicon	28-1	2973.12	3084.87	2941.77	2999.92	2.51	ppb
Silver	109-1	0.22	0.23	0.20	0.22	6.27	ppb
Silver	107-1	0.19	0.21	0.20	0.20	6.70	ppb
Sodium	23-2	24226.29	23093.63	22495.64	23271.85	3.78	ppb
Strontium	86-1	69.25	69.97	70.63	69.95	0.99	ppb
Strontium	88-1	71.66	72.04	72.83	72.18	0.83	ppb
Sulfur	34-1	-3388.61	-3261.30	-3896.02	-3515.31		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.09	0.10	0.09	17.81	ppb
Thallium	205-1	0.13	0.11	0.09	0.11	19.28	ppb
Tin	118-1	7.41	7.30	7.41	7.37	0.88	ppb
Titanium	47-1	205.01	211.37	206.89	207.75	1.57	ppb
Uranium	238-1	0.59	0.50	0.59	0.56	9.23	ppb
Vanadium	51-2	16.91	16.14	16.09	16.38	2.79	ppb
Yttrium	89-1				107		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:30:44	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	557.45	538.27	526.93	540.88	2.85	ppb
Zirconium	90-1	0.38	0.35	0.35	0.36	5.21	ppb
Zirconium	91-1	0.37	0.28	0.34	0.33	13.86	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL	Dilution Factor :	100
Date & Time Acquired ::	2020-04-14 16:33:32	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	959.23	916.11	924.20	933.18	2.46	ppb
Antimony	121-1	0.19	0.14	0.17	0.16	13.78	ppb
Arsenic	75-2	0.74	0.74	0.78	0.75	3.14	ppb
Barium	135-1	49.34	50.18	46.42	48.65	4.06	ppb
Barium	137-1	50.03	49.13	47.23	48.80	2.93	ppb
Beryllium	9-1	0.12	0.05	0.04	0.07	63.80	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	11-1	25.62	24.49	23.18	24.43	5.00	ppb
Boron	10-1	26.59	24.35	23.74	24.89	6.04	ppb
Bromine	81-1						cps
Cadmium	106-1	0.06	-1.22	-1.31	-0.82		ppb
Cadmium	108-1	0.15	-0.08	0.14	0.07	179.39	ppb
Cadmium	111-1	0.14	0.06	0.03	0.08	67.22	ppb
Calcium	43-1	3959.97	3857.32	3746.86	3854.72	2.76	ppb
Calcium	44-1	3908.50	3831.36	3695.21	3811.69	2.83	ppb
Chromium	52-2	4.06	4.40	4.59	4.35	6.20	ppb
Cobalt	59-2	1.11	1.24	1.22	1.19	5.74	ppb
Copper	63-2	46.36	46.50	46.61	46.49	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	2927.31	2882.29	2876.43	2895.34	0.96	ppb
Iron	56-2	2902.04	2893.17	2968.67	2921.29	1.41	ppb
Iron	57-2	2894.14	2870.32	2917.06	2893.84	0.81	ppb
Krypton	83-1						cps
Lead	207-1	455.27	451.20	437.65	448.04	2.06	ppb
Lead	208-1	482.46	471.64	462.32	472.14	2.13	ppb
Lead	206-1	487.54	473.82	462.53	474.63	2.64	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL	Dilution Factor :	100
Date & Time Acquired ::	2020-04-14 16:33:32	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				107		%
Magnesium	24-2	1452.86	1461.28	1454.61	1456.25	0.31	ppb
Manganese	55-2	86.78	85.78	86.02	86.19	0.60	ppb
Molybdenum	94-1	0.42	0.49	0.52	0.48	11.47	ppb
Molybdenum	95-1	0.39	0.36	0.43	0.40	8.22	ppb
Molybdenum	96-1	0.41	0.57	0.38	0.45	23.30	ppb
Molybdenum	97-1	0.40	0.38	0.39	0.39	3.26	ppb
Molybdenum	98-1	0.39	0.42	0.37	0.39	6.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.53	2.73	2.75	2.67	4.51	ppb
Phosphorus	31-2	6.25	104.54	75.92	62.24	81.23	ppb
Potassium	39-2	242.85	241.44	239.86	241.38	0.62	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	1.43	-0.72	3.61	1.44	150.65	ppb
Selenium	78-2	1.10	0.86	0.94	0.97	12.40	ppb
Selenium	82-1	-1.24	-2.39	-0.89	-1.50		ppb
Silicon	28-1	652.49	607.39	595.71	618.53	4.85	ppb
Silver	109-1	0.08	0.07	0.05	0.06	22.29	ppb
Silver	107-1	0.08	0.08	0.06	0.07	10.90	ppb
Sodium	23-2	4786.41	4698.66	4708.27	4731.11	1.02	ppb
Strontium	86-1	14.71	13.66	13.26	13.88	5.41	ppb
Strontium	88-1	14.91	14.85	14.08	14.61	3.16	ppb
Sulfur	34-1	-1045.27	-2729.46	-3785.13	-2519.95		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.00	0.02	0.01	0.01	89.12	ppb
Thallium	205-1	0.00	0.02	0.01	0.01	154.13	ppb
Tin	118-1	1.51	1.47	1.59	1.52	4.06	ppb
Titanium	47-1	44.14	44.08	42.53	43.58	2.09	ppb
Uranium	238-1	0.12	0.11	0.11	0.11	6.56	ppb
Vanadium	51-2	3.34	3.27	3.43	3.35	2.29	ppb
Yttrium	89-1				104		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL	Dilution Factor :	100
Date & Time Acquired ::	2020-04-14 16:33:32	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	109.13	108.97	108.41	108.83	0.35	ppb
Zirconium	90-1	0.03	0.09	0.07	0.06	44.08	ppb
Zirconium	91-1	0.08	0.06	0.05	0.06	18.43	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:36:23	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5656.86	5703.45	5629.44	5663.25	0.66	ppb
Antimony	121-1	15.82	15.91	15.57	15.77	1.12	ppb
Arsenic	75-2	30.55	30.46	29.85	30.28	1.26	ppb
Barium	135-1	368.27	355.60	355.76	359.87	2.02	ppb
Barium	137-1	368.31	360.39	361.81	363.50	1.16	ppb
Beryllium	9-1	26.16	25.74	25.95	25.95	0.81	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	11-1	45.03	52.71	57.24	51.66	11.94	ppb
Boron	10-1	45.65	53.22	55.92	51.60	10.32	ppb
Bromine	81-1						cps
Cadmium	106-1	28.35	24.67	25.88	26.30	7.13	ppb
Cadmium	108-1	27.19	25.51	26.74	26.48	3.28	ppb
Cadmium	111-1	27.35	27.29	25.73	26.79	3.43	ppb
Calcium	43-1	20954.53	20725.43	20988.52	20889.50	0.69	ppb
Calcium	44-1	20746.98	21001.76	20814.97	20854.57	0.63	ppb
Chromium	52-2	48.31	48.60	48.92	48.61	0.63	ppb
Cobalt	59-2	33.08	33.86	32.96	33.30	1.46	ppb
Copper	63-2	279.07	281.08	276.77	278.98	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	15328.16	15475.70	15322.67	15375.51	0.56	ppb
Iron	56-2	15279.54	15552.86	15044.49	15292.30	1.66	ppb
Iron	57-2	15398.70	15644.02	15285.70	15442.81	1.19	ppb
Krypton	83-1						cps
Lead	207-1	2310.77	2275.56	2286.30	2290.88	0.79	ppb
Lead	208-1	2351.95	2320.91	2341.18	2338.01	0.67	ppb
Lead	206-1	2436.28	2380.09	2407.00	2407.79	1.17	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:36:23	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	9974.52	10058.31	10154.53	10062.45	0.90	ppb
Manganese	55-2	477.70	483.89	469.24	476.94	1.54	ppb
Molybdenum	94-1	126.62	126.47	127.12	126.74	0.27	ppb
Molybdenum	95-1	130.53	130.19	129.21	129.98	0.53	ppb
Molybdenum	96-1	130.12	130.73	129.29	130.05	0.56	ppb
Molybdenum	97-1	129.99	130.80	128.56	129.78	0.87	ppb
Molybdenum	98-1	130.35	131.62	131.73	131.23	0.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.58	41.44	41.42	41.14	1.20	ppb
Phosphorus	31-2	297.68	171.36	208.80	225.94	28.72	ppb
Potassium	39-2	2418.11	2456.39	2445.07	2439.86	0.81	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	29.26	16.48	26.97	24.24	28.13	ppb
Selenium	78-2	26.53	23.64	19.28	23.15	15.76	ppb
Selenium	82-1	22.20	22.64	23.35	22.73	2.56	ppb
Silicon	28-1	2924.84	2874.44	2839.23	2879.50	1.49	ppb
Silver	109-1	26.90	26.12	26.23	26.42	1.60	ppb
Silver	107-1	26.60	26.31	25.55	26.16	2.07	ppb
Sodium	23-2	25013.35	25602.36	25762.57	25459.42	1.55	ppb
Strontium	86-1	96.09	95.19	96.12	95.80	0.55	ppb
Strontium	88-1	97.86	97.97	98.46	98.10	0.32	ppb
Sulfur	34-1	-3039.12	-2132.94	-3018.83	-2730.30		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	26.19	25.76	26.11	26.02	0.86	ppb
Thallium	205-1	26.21	25.90	25.99	26.03	0.60	ppb
Tin	118-1	33.44	33.82	33.34	33.54	0.76	ppb
Titanium	47-1	360.56	359.46	354.74	358.26	0.86	ppb
Uranium	238-1	26.44	26.59	26.31	26.45	0.53	ppb
Vanadium	51-2	43.40	42.89	42.71	43.00	0.83	ppb
Yttrium	89-1				107		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:36:23	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	567.85	578.34	571.57	572.59	0.93	ppb
Zirconium	90-1	23.57	24.17	24.33	24.02	1.66	ppb
Zirconium	91-1	24.20	24.30	24.32	24.27	0.27	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:39:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5345.60	5294.11	5395.44	5345.05	0.95	ppb
Antimony	121-1	15.92	15.63	16.02	15.86	1.28	ppb
Arsenic	75-2	30.11	29.57	30.18	29.96	1.11	ppb
Barium	135-1	361.40	351.24	357.29	356.64	1.43	ppb
Barium	137-1	362.99	353.94	364.64	360.52	1.60	ppb
Beryllium	9-1	25.68	25.82	25.62	25.71	0.38	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	11-1	47.40	53.28	57.54	52.74	9.65	ppb
Boron	10-1	48.14	50.99	54.76	51.30	6.48	ppb
Bromine	81-1						cps
Cadmium	106-1	26.48	24.64	25.23	25.45	3.70	ppb
Cadmium	108-1	30.01	26.31	25.93	27.42	8.22	ppb
Cadmium	111-1	27.75	26.82	26.91	27.16	1.90	ppb
Calcium	43-1	21189.45	20853.25	20877.93	20973.54	0.89	ppb
Calcium	44-1	21220.48	21164.80	20886.56	21090.62	0.85	ppb
Chromium	52-2	48.19	46.76	48.17	47.70	1.72	ppb
Cobalt	59-2	32.67	32.42	33.00	32.70	0.88	ppb
Copper	63-2	280.42	276.35	281.31	279.36	0.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				103		%
Iron	54-2	14835.77	14744.07	14920.07	14833.30	0.59	ppb
Iron	56-2	14887.56	14591.49	14907.39	14795.48	1.20	ppb
Iron	57-2	14930.82	14744.21	14757.17	14810.73	0.70	ppb
Krypton	83-1						cps
Lead	207-1	2323.56	2258.53	2292.69	2291.59	1.42	ppb
Lead	208-1	2364.79	2326.79	2328.64	2340.07	0.92	ppb
Lead	206-1	2437.40	2393.58	2418.27	2416.42	0.91	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:39:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				110		%
Magnesium	24-2	9899.45	9958.58	10007.03	9955.02	0.54	ppb
Manganese	55-2	468.28	468.61	471.57	469.49	0.39	ppb
Molybdenum	94-1	130.03	125.97	129.18	128.39	1.67	ppb
Molybdenum	95-1	132.46	131.47	132.39	132.11	0.42	ppb
Molybdenum	96-1	131.47	130.86	131.49	131.27	0.27	ppb
Molybdenum	97-1	134.34	130.93	134.52	133.26	1.52	ppb
Molybdenum	98-1	133.88	130.93	134.52	133.11	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	40.65	39.96	41.49	40.70	1.88	ppb
Phosphorus	31-2	143.29	158.28	268.35	189.97	35.95	ppb
Potassium	39-2	2397.04	2437.49	2431.89	2422.14	0.90	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	77-2	22.50	52.26	48.15	40.97	39.37	ppb
Selenium	78-2	22.18	22.86	24.41	23.15	4.95	ppb
Selenium	82-1	23.56	23.64	25.16	24.12	3.74	ppb
Silicon	28-1	2705.35	2700.49	2612.87	2672.90	1.95	ppb
Silver	109-1	26.71	26.43	26.36	26.50	0.69	ppb
Silver	107-1	26.44	25.98	26.53	26.32	1.13	ppb
Sodium	23-2	24904.66	25646.63	25714.81	25422.03	1.77	ppb
Strontium	86-1	96.74	95.24	99.26	97.08	2.10	ppb
Strontium	88-1	100.46	98.32	99.94	99.57	1.12	ppb
Sulfur	34-1	-2188.11	-3604.22	-3504.74	-3099.02		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	26.09	25.69	25.79	25.86	0.81	ppb
Thallium	205-1	26.42	26.19	26.26	26.29	0.44	ppb
Tin	118-1	33.58	34.20	33.98	33.92	0.92	ppb
Titanium	47-1	348.87	340.39	343.89	344.38	1.24	ppb
Uranium	238-1	26.84	26.50	26.89	26.75	0.78	ppb
Vanadium	51-2	42.35	41.54	42.71	42.20	1.41	ppb
Yttrium	89-1				106		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:39:11	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	574.50	574.80	581.69	577.00	0.71	ppb
Zirconium	90-1	23.65	23.04	23.37	23.35	1.32	ppb
Zirconium	91-1	23.18	22.29	22.95	22.80	2.01	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:42:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5797.84	5416.40	5414.66	5542.97	3.98	ppb
Antimony	121-1	17.43	17.81	18.26	17.83	2.31	ppb
Arsenic	75-2	32.88	31.33	31.99	32.07	2.43	ppb
Barium	135-1	359.51	366.32	369.04	364.95	1.35	ppb
Barium	137-1	363.84	371.25	373.99	369.69	1.42	ppb
Beryllium	9-1	25.97	26.49	26.60	26.35	1.28	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	11-1	46.23	53.90	58.03	52.72	11.36	ppb
Boron	10-1	47.43	54.00	57.41	52.95	9.58	ppb
Bromine	81-1						cps
Cadmium	106-1	24.37	24.75	23.69	24.27	2.21	ppb
Cadmium	108-1	27.65	27.24	27.69	27.53	0.91	ppb
Cadmium	111-1	26.63	27.98	28.09	27.57	2.94	ppb
Calcium	43-1	21002.13	21733.25	21338.15	21357.85	1.71	ppb
Calcium	44-1	21258.61	21280.51	21705.26	21414.79	1.18	ppb
Chromium	52-2	52.72	49.11	48.62	50.15	4.46	ppb
Cobalt	59-2	35.45	34.06	34.09	34.54	2.30	ppb
Copper	63-2	307.25	286.26	288.98	294.16	3.88	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				107		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				98		%
Iron	54-2	16240.36	15575.82	15395.72	15737.30	2.83	ppb
Iron	56-2	16476.89	15431.83	15414.08	15774.27	3.86	ppb
Iron	57-2	16374.56	15655.95	15336.72	15789.08	3.37	ppb
Krypton	83-1						cps
Lead	207-1	2317.59	2318.49	2283.64	2306.57	0.86	ppb
Lead	208-1	2367.74	2344.60	2358.55	2356.96	0.49	ppb
Lead	206-1	2433.50	2408.68	2431.80	2424.66	0.57	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:42:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	10986.74	10429.36	10266.59	10560.89	3.58	ppb
Manganese	55-2	518.99	484.85	485.99	496.61	3.90	ppb
Molybdenum	94-1	126.18	126.53	125.96	126.22	0.23	ppb
Molybdenum	95-1	132.03	132.05	134.12	132.73	0.91	ppb
Molybdenum	96-1	130.68	131.01	134.57	132.09	1.63	ppb
Molybdenum	97-1	133.62	132.26	136.20	134.03	1.50	ppb
Molybdenum	98-1	133.31	134.34	135.48	134.38	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.30	42.42	41.83	42.85	3.01	ppb
Phosphorus	31-2	230.48	148.80	171.36	183.55	22.98	ppb
Potassium	39-2	2666.64	2531.97	2510.36	2569.66	3.30	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				96		%
Selenium	77-2	27.06	5.96	33.67	22.23	65.10	ppb
Selenium	78-2	27.14	20.25	27.40	24.93	16.27	ppb
Selenium	82-1	22.82	23.33	23.58	23.24	1.65	ppb
Silicon	28-1	3005.38	3041.12	3154.46	3066.99	2.54	ppb
Silver	109-1	26.16	27.06	27.97	27.07	3.35	ppb
Silver	107-1	26.59	26.89	27.33	26.93	1.38	ppb
Sodium	23-2	27610.53	26368.49	26592.34	26857.12	2.46	ppb
Strontium	86-1	95.86	96.04	96.61	96.17	0.40	ppb
Strontium	88-1	99.12	101.13	101.91	100.72	1.43	ppb
Sulfur	34-1	-3293.17	-3080.48	-2784.18	-3052.61		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	26.06	26.03	25.90	26.00	0.31	ppb
Thallium	205-1	26.63	26.58	26.59	26.60	0.11	ppb
Tin	118-1	33.48	34.24	34.56	34.09	1.63	ppb
Titanium	47-1	348.36	346.89	353.39	349.55	0.98	ppb
Uranium	238-1	27.48	27.10	26.99	27.19	0.95	ppb
Vanadium	51-2	47.67	43.76	43.71	45.04	5.04	ppb
Yttrium	89-1				108		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:42:02	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	639.21	588.68	594.82	607.57	4.54	ppb
Zirconium	90-1	21.28	21.55	21.93	21.59	1.52	ppb
Zirconium	91-1	20.78	21.11	21.06	20.98	0.84	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DLX20	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:44:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6162.31	6011.34	6222.00	6131.88	1.77	ppb
Antimony	121-1	0.64	0.70	0.63	0.66	5.99	ppb
Arsenic	75-2	4.97	5.01	4.75	4.91	2.86	ppb
Barium	135-1	315.86	307.49	316.66	313.33	1.62	ppb
Barium	137-1	311.46	306.19	314.18	310.61	1.31	ppb
Beryllium	9-1	0.35	0.37	0.33	0.35	6.76	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	11-1	28.79	31.00	31.22	30.34	4.43	ppb
Boron	10-1	30.42	29.02	31.94	30.46	4.79	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.28	-0.79	2.80	0.24	930.09	ppb
Cadmium	108-1	1.26	0.61	0.62	0.83	45.01	ppb
Cadmium	111-1	0.65	0.95	1.05	0.88	23.76	ppb
Calcium	43-1	18633.18	19097.28	19662.50	19130.99	2.69	ppb
Calcium	44-1	19111.68	19183.37	19309.56	19201.54	0.52	ppb
Chromium	52-2	28.79	28.85	29.07	28.90	0.50	ppb
Cobalt	59-2	7.79	7.56	7.39	7.58	2.66	ppb
Copper	63-2	250.39	246.76	248.26	248.47	0.73	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				107		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	19088.64	18841.73	19020.60	18983.65	0.67	ppb
Iron	56-2	19143.52	18887.37	18950.30	18993.73	0.70	ppb
Iron	57-2	19112.84	19142.35	18736.63	18997.27	1.19	ppb
Krypton	83-1						cps
Lead	207-1	2197.65	2214.19	2174.67	2195.51	0.90	ppb
Lead	208-1	2241.71	2261.88	2218.77	2240.79	0.96	ppb
Lead	206-1	2311.05	2336.80	2260.29	2302.71	1.69	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DLX20	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:44:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				113		%
Magnesium	24-2	8244.66	8052.68	8271.12	8189.49	1.46	ppb
Manganese	55-2	493.29	486.26	487.74	489.09	0.76	ppb
Molybdenum	94-1	3.16	3.01	3.25	3.14	3.78	ppb
Molybdenum	95-1	2.34	2.35	2.20	2.30	3.61	ppb
Molybdenum	96-1	2.74	2.38	2.61	2.58	6.98	ppb
Molybdenum	97-1	2.17	2.28	2.26	2.24	2.62	ppb
Molybdenum	98-1	2.33	2.34	2.42	2.36	2.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.90	17.30	17.41	17.53	1.82	ppb
Phosphorus	31-2	375.63	316.28	323.30	338.40	9.58	ppb
Potassium	39-2	1394.41	1393.79	1435.92	1408.04	1.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	77-2	1.44	10.03	10.03	7.17	69.22	ppb
Selenium	78-2	-0.57	1.84	-1.73	-0.16		ppb
Selenium	82-1	-1.14	-1.01	-2.15	-1.43		ppb
Silicon	28-1	2838.06	2771.65	2817.52	2809.08	1.21	ppb
Silver	109-1	0.22	0.21	0.24	0.22	6.47	ppb
Silver	107-1	0.21	0.24	0.26	0.24	11.14	ppb
Sodium	23-2	22774.61	22439.05	23056.94	22756.87	1.36	ppb
Strontium	86-1	72.62	72.20	73.86	72.89	1.19	ppb
Strontium	88-1	75.05	75.27	76.16	75.49	0.78	ppb
Sulfur	34-1	-3196.89	-3886.60	-2601.22	-3228.24		ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	0.09	0.12	0.08	0.10	20.03	ppb
Thallium	205-1	0.13	0.10	0.10	0.11	13.93	ppb
Tin	118-1	9.12	9.23	9.00	9.12	1.23	ppb
Titanium	47-1	328.17	329.51	333.80	330.49	0.89	ppb
Uranium	238-1	0.67	0.64	0.72	0.68	6.22	ppb
Vanadium	51-2	22.43	21.72	22.15	22.10	1.61	ppb
Yttrium	89-1				108		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DLX20	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:44:50	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	607.94	594.80	608.72	603.82	1.30	ppb
Zirconium	90-1	0.89	0.89	0.95	0.91	3.53	ppb
Zirconium	91-1	0.89	0.96	0.80	0.88	8.94	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:47:41	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50562.19	51285.88	50762.65	50870.24	0.73	ppb
Antimony	121-1	476.67	494.35	497.22	489.41	2.27	ppb
Arsenic	75-2	502.60	502.39	501.81	502.27	0.08	ppb
Barium	135-1	2400.62	2452.63	2510.04	2454.43	2.23	ppb
Barium	137-1	2445.91	2501.14	2488.59	2478.55	1.17	ppb
Beryllium	9-1	479.61	499.66	493.21	490.83	2.09	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	11-1	384.01	473.89	519.25	459.05	14.99	ppb
Boron	10-1	390.18	473.13	517.14	460.15	14.01	ppb
Bromine	81-1						cps
Cadmium	106-1	468.22	487.27	485.01	480.17	2.17	ppb
Cadmium	108-1	472.92	483.40	483.23	479.85	1.25	ppb
Cadmium	111-1	476.91	481.03	480.82	479.59	0.48	ppb
Calcium	43-1	245702.65	243802.17	247447.03	245650.62	0.74	ppb
Calcium	44-1	244371.15	245858.57	247099.06	245776.26	0.56	ppb
Chromium	52-2	508.65	506.99	510.21	508.61	0.32	ppb
Cobalt	59-2	489.46	497.97	493.49	493.64	0.86	ppb
Copper	63-2	4919.25	4986.97	4893.51	4933.24	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	124620.71	124185.58	123412.44	124072.91	0.49	ppb
Iron	56-2	123406.40	123798.61	122475.66	123226.89	0.55	ppb
Iron	57-2	126910.55	126525.85	126753.77	126730.06	0.15	ppb
Krypton	83-1						cps
Lead	207-1	2452.95	2522.84	2528.80	2501.53	1.69	ppb
Lead	208-1	2479.78	2499.54	2517.73	2499.01	0.76	ppb
Lead	206-1	2480.23	2517.25	2544.73	2514.07	1.29	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:47:41	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	250633.50	253225.17	255564.16	253140.94	0.97	ppb
Manganese	55-2	4973.35	5042.87	5038.84	5018.35	0.78	ppb
Molybdenum	94-1	2500.96	2480.89	2538.04	2506.63	1.16	ppb
Molybdenum	95-1	2523.72	2479.76	2515.58	2506.35	0.93	ppb
Molybdenum	96-1	2507.65	2517.39	2564.03	2529.69	1.19	ppb
Molybdenum	97-1	2490.65	2500.85	2565.02	2518.84	1.60	ppb
Molybdenum	98-1	2496.15	2495.93	2516.29	2502.79	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.61	508.38	499.71	501.90	1.14	ppb
Phosphorus	31-2	9975.64	9867.01	10652.00	10164.89	4.18	ppb
Potassium	39-2	120879.67	123522.73	122543.23	122315.21	1.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	77-2	468.22	516.18	438.66	474.36	8.25	ppb
Selenium	78-2	482.64	472.41	512.68	489.24	4.28	ppb
Selenium	82-1	480.28	489.07	488.64	485.99	1.02	ppb
Silicon	28-1	524.55	561.53	612.12	566.07	7.77	ppb
Silver	109-1	478.06	479.58	490.95	482.87	1.46	ppb
Silver	107-1	484.83	486.60	479.91	483.78	0.72	ppb
Sodium	23-2	255750.29	251451.46	254012.82	253738.19	0.85	ppb
Strontium	86-1	489.01	498.24	490.80	492.68	0.99	ppb
Strontium	88-1	499.28	499.79	502.95	500.67	0.40	ppb
Sulfur	34-1	9566.51	9847.11	10015.88	9809.83	2.31	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	491.27	500.28	498.41	496.66	0.96	ppb
Thallium	205-1	497.32	512.40	509.27	506.33	1.57	ppb
Tin	118-1	479.56	486.06	487.36	484.33	0.86	ppb
Titanium	47-1	2464.89	2495.83	2522.98	2494.57	1.17	ppb
Uranium	238-1	511.62	510.02	514.72	512.12	0.47	ppb
Vanadium	51-2	495.54	507.76	502.17	501.83	1.22	ppb
Yttrium	89-1				106		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:47:41	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	4850.20	4887.24	4832.56	4856.67	0.57	ppb
Zirconium	90-1	500.47	506.03	506.04	504.18	0.64	ppb
Zirconium	91-1	490.89	492.88	496.56	493.44	0.58	ppb

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P8
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 16:52:28 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	1.44	2.86	1.65	68.07	ppb
Antimony	121-1	0.05	0.03	0.05	0.04	24.60	ppb
Arsenic	75-2	0.03	-0.01	0.02	0.01	180.23	ppb
Barium	135-1	0.10	0.00	-0.03	0.02	273.20	ppb
Barium	137-1	0.06	0.01	0.01	0.03	87.01	ppb
Beryllium	9-1	0.04	0.05	0.05	0.05	9.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	11-1	30.85	29.25	28.31	29.47	4.35	ppb
Boron	10-1	29.74	29.48	26.37	28.53	6.57	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.54	-2.85	-3.60	-3.33		ppb
Cadmium	108-1	0.00	-0.08	-0.07	-0.05		ppb
Cadmium	111-1	-0.24	-0.19	-0.25	-0.23		ppb
Calcium	43-1	-4.47	1.72	-1.47	-1.41		ppb
Calcium	44-1	-3.60	-12.78	2.51	-4.62		ppb
Chromium	52-2	-0.06	-0.12	-0.02	-0.07		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.67	0.64	0.56	0.62	9.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	0.96	2.42	1.43	1.60	46.59	ppb
Iron	56-2	0.59	0.80	0.65	0.68	15.53	ppb
Iron	57-2	1.93	0.10	-0.19	0.61	187.13	ppb
Krypton	83-1						cps
Lead	207-1	0.26	0.19	0.37	0.27	33.41	ppb
Lead	208-1	0.23	0.18	0.27	0.23	19.84	ppb
Lead	206-1	0.19	0.20	0.23	0.21	10.32	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:52:28	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				105		%
Magnesium	24-2	-0.68	0.54	-0.32	-0.15		ppb
Manganese	55-2	0.00	0.01	0.02	0.01	139.31	ppb
Molybdenum	94-1	0.05	-0.01	0.00	0.01	246.56	ppb
Molybdenum	95-1	0.04	0.03	0.02	0.03	26.00	ppb
Molybdenum	96-1	0.07	0.03	0.05	0.05	35.80	ppb
Molybdenum	97-1	0.10	0.03	0.05	0.06	66.10	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	19.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.03	-0.06	0.00		ppb
Phosphorus	31-2	-34.77	-13.07	-11.20	-19.68		ppb
Potassium	39-2	48.06	42.49	10.18	33.58	60.92	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				95		%
Selenium	77-2	-0.72	1.50	-0.72	0.02	6768.67	ppb
Selenium	78-2	-2.12	-0.41	0.46	-0.69		ppb
Selenium	82-1	-0.18	-3.69	-2.42	-2.10		ppb
Silicon	28-1	-4.83	-21.19	4.40	-7.20		ppb
Silver	109-1	0.03	0.02	0.01	0.02	36.23	ppb
Silver	107-1	0.02	0.02	0.02	0.02	12.47	ppb
Sodium	23-2	78.31	84.96	81.79	81.69	4.07	ppb
Strontium	86-1	0.08	-0.04	0.07	0.04	193.39	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	98.52	ppb
Sulfur	34-1	588.16	-1103.72	1469.39	317.94	411.29	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.03	0.03	0.03	26.86	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	38.72	ppb
Tin	118-1	-0.01	0.02	0.04	0.02	131.10	ppb
Titanium	47-1	-0.05	0.04	-0.27	-0.09		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	94.91	ppb
Vanadium	51-2	0.00	0.01	0.03	0.01	169.29	ppb
Yttrium	89-1				101		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:52:28	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	0.62	0.92	0.75	0.76	19.90	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	3890.57	ppb
Zirconium	91-1	-0.02	-0.04	0.00	-0.02		ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:55:19	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16904.57	16647.28	17521.77	17024.54	2.64	ppb
Antimony	121-1	2.96	3.24	3.54	3.24	8.94	ppb
Arsenic	75-2	15.73	15.88	14.79	15.47	3.82	ppb
Barium	135-1	882.67	878.07	889.31	883.35	0.64	ppb
Barium	137-1	886.52	890.07	911.83	896.14	1.53	ppb
Beryllium	9-1	0.93	0.81	0.76	0.83	10.31	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	11-1	68.13	78.34	83.54	76.67	10.23	ppb
Boron	10-1	66.24	74.82	89.61	76.89	15.37	ppb
Bromine	81-1						cps
Cadmium	106-1	-0.01	1.51	1.96	1.15	89.50	ppb
Cadmium	108-1	3.49	3.03	3.23	3.25	7.20	ppb
Cadmium	111-1	2.40	2.77	2.68	2.62	7.39	ppb
Calcium	43-1	67864.92	69618.05	69667.75	69050.24	1.49	ppb
Calcium	44-1	66311.04	68733.10	67989.98	67678.04	1.83	ppb
Chromium	52-2	84.98	82.51	87.12	84.87	2.72	ppb
Cobalt	59-2	22.55	22.05	23.45	22.68	3.13	ppb
Copper	63-2	856.93	846.33	911.51	871.59	4.01	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				97		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	54-2	54089.00	53742.81	57237.82	55023.21	3.50	ppb
Iron	56-2	54698.28	53565.77	56496.67	54920.24	2.69	ppb
Iron	57-2	54458.07	53044.57	56492.46	54665.03	3.17	ppb
Krypton	83-1						cps
Lead	207-1	8620.54	8559.81	8407.34	8529.23	1.29	ppb
Lead	208-1	8794.60	8809.63	8607.97	8737.40	1.29	ppb
Lead	206-1	9048.86	9082.24	8789.49	8973.53	1.79	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:55:19	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	27787.92	27049.43	29066.61	27967.99	3.65	ppb
Manganese	55-2	1614.34	1582.37	1672.93	1623.21	2.83	ppb
Molybdenum	94-1	6.69	6.96	6.96	6.87	2.29	ppb
Molybdenum	95-1	6.59	7.11	6.43	6.71	5.31	ppb
Molybdenum	96-1	6.50	6.93	6.54	6.66	3.62	ppb
Molybdenum	97-1	6.64	6.74	6.74	6.71	0.88	ppb
Molybdenum	98-1	6.64	7.14	6.69	6.82	4.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	50.59	49.22	52.30	50.70	3.04	ppb
Phosphorus	31-2	795.43	721.93	771.53	762.96	4.91	ppb
Potassium	39-2	4041.35	4070.52	4324.99	4145.62	3.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	23.68	23.60	28.72	25.33	11.58	ppb
Selenium	78-2	2.86	1.87	2.66	2.46	21.28	ppb
Selenium	82-1	-1.07	0.70	-1.05	-0.47		ppb
Silicon	28-1	11435.03	11540.77	11577.00	11517.60	0.64	ppb
Silver	109-1	0.61	0.70	0.76	0.69	11.17	ppb
Silver	107-1	0.56	0.68	0.75	0.66	14.52	ppb
Sodium	23-2	86575.47	83596.49	90744.10	86972.02	4.13	ppb
Strontium	86-1	256.85	258.53	260.67	258.68	0.74	ppb
Strontium	88-1	264.79	264.36	266.48	265.21	0.42	ppb
Sulfur	34-1	3811.00	3849.51	2902.65	3521.05	15.22	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	0.34	0.29	0.24	0.29	17.30	ppb
Thallium	205-1	0.35	0.35	0.29	0.33	10.26	ppb
Tin	118-1	27.31	26.83	26.74	26.96	1.13	ppb
Titanium	47-1	764.88	803.10	787.52	785.17	2.45	ppb
Uranium	238-1	2.13	2.09	2.11	2.11	1.04	ppb
Vanadium	51-2	61.01	60.80	62.97	61.59	1.95	ppb
Yttrium	89-1				105		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:55:19	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	1994.62	1952.01	2087.95	2011.53	3.46	ppb
Zirconium	90-1	1.17	1.29	1.21	1.22	5.16	ppb
Zirconium	91-1	1.05	1.07	1.36	1.16	15.01	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:58:07	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16887.61	16668.65	17018.13	16858.13	1.05	ppb
Antimony	121-1	3.13	3.15	3.06	3.12	1.59	ppb
Arsenic	75-2	15.09	14.96	15.38	15.14	1.42	ppb
Barium	135-1	935.80	890.66	898.38	908.28	2.66	ppb
Barium	137-1	935.52	900.53	902.92	912.99	2.14	ppb
Beryllium	9-1	0.88	0.75	0.78	0.80	8.12	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	11-1	70.53	76.08	82.15	76.25	7.62	ppb
Boron	10-1	73.20	74.35	81.37	76.31	5.80	ppb
Bromine	81-1						cps
Cadmium	106-1	2.03	1.59	2.57	2.07	23.81	ppb
Cadmium	108-1	3.47	3.43	2.59	3.16	15.70	ppb
Cadmium	111-1	2.81	2.76	2.71	2.76	1.81	ppb
Calcium	43-1	69753.56	69900.27	68414.57	69356.14	1.18	ppb
Calcium	44-1	69623.32	69046.54	67293.64	68654.50	1.77	ppb
Chromium	52-2	82.80	84.70	84.83	84.11	1.35	ppb
Cobalt	59-2	22.78	22.31	22.68	22.59	1.10	ppb
Copper	63-2	868.39	861.10	876.32	868.60	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	54-2	55692.84	55441.81	57291.51	56142.05	1.79	ppb
Iron	56-2	54625.62	54352.82	54175.67	54384.70	0.42	ppb
Iron	57-2	54357.60	53894.50	54704.76	54318.95	0.75	ppb
Krypton	83-1						cps
Lead	207-1	8934.84	8625.30	8521.04	8693.73	2.48	ppb
Lead	208-1	9167.75	8900.19	8759.76	8942.57	2.32	ppb
Lead	206-1	9389.96	9079.46	8984.12	9151.18	2.32	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:58:07	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				117		%
Magnesium	24-2	27826.26	27179.20	28418.03	27807.83	2.23	ppb
Manganese	55-2	1607.69	1599.37	1624.72	1610.59	0.80	ppb
Molybdenum	94-1	7.11	6.70	6.79	6.87	3.11	ppb
Molybdenum	95-1	7.18	6.80	7.20	7.06	3.24	ppb
Molybdenum	96-1	7.38	6.89	7.30	7.19	3.71	ppb
Molybdenum	97-1	7.56	6.79	7.00	7.11	5.58	ppb
Molybdenum	98-1	7.37	6.65	7.06	7.03	5.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.12	51.10	52.60	50.94	3.43	ppb
Phosphorus	31-2	699.53	670.27	654.69	674.83	3.37	ppb
Potassium	39-2	4130.52	4112.83	4115.91	4119.75	0.23	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	77-2	16.31	20.81	20.94	19.35	13.60	ppb
Selenium	78-2	2.51	-0.22	1.33	1.21	113.51	ppb
Selenium	82-1	0.81	0.05	-2.35	-0.50		ppb
Silicon	28-1	11697.85	11547.82	11279.60	11508.42	1.84	ppb
Silver	109-1	0.84	0.79	0.93	0.85	8.27	ppb
Silver	107-1	0.81	0.77	0.88	0.82	6.77	ppb
Sodium	23-2	85767.38	84412.79	87277.01	85819.06	1.67	ppb
Strontium	86-1	266.37	262.03	258.07	262.16	1.59	ppb
Strontium	88-1	277.55	263.40	265.10	268.69	2.88	ppb
Sulfur	34-1	3750.72	1940.19	1230.68	2307.20	56.32	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.30	0.22	0.25	0.26	15.52	ppb
Thallium	205-1	0.26	0.26	0.26	0.26	1.63	ppb
Tin	118-1	28.22	27.16	27.31	27.56	2.09	ppb
Titanium	47-1	825.07	822.88	796.96	814.97	1.92	ppb
Uranium	238-1	2.34	2.18	2.17	2.23	4.28	ppb
Vanadium	51-2	60.48	60.88	62.37	61.24	1.62	ppb
Yttrium	89-1				107		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:58:07	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	1989.69	1975.67	2000.23	1988.53	0.62	ppb
Zirconium	90-1	1.46	1.40	1.46	1.44	2.49	ppb
Zirconium	91-1	1.54	1.41	1.41	1.45	5.27	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDL2X25	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL2	Dilution Factor :	25
Date & Time Acquired ::	2020-04-14 17:00:57	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3429.58	3473.36	3356.29	3419.74	1.73	ppb
Antimony	121-1	0.58	0.51	0.60	0.57	9.13	ppb
Arsenic	75-2	3.00	3.05	3.20	3.08	3.35	ppb
Barium	135-1	180.21	177.27	170.78	176.08	2.74	ppb
Barium	137-1	181.27	180.15	176.47	179.30	1.40	ppb
Beryllium	9-1	0.18	0.14	0.14	0.15	13.04	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	11-1	28.48	31.67	31.30	30.48	5.71	ppb
Boron	10-1	28.15	30.20	30.96	29.77	4.89	ppb
Bromine	81-1						cps
Cadmium	106-1	0.11	-1.04	2.75	0.61	319.80	ppb
Cadmium	108-1	0.83	0.90	0.82	0.85	4.86	ppb
Cadmium	111-1	0.55	0.45	0.71	0.57	23.54	ppb
Calcium	43-1	13566.95	13515.69	13945.70	13676.11	1.72	ppb
Calcium	44-1	13780.39	13896.49	13957.86	13878.25	0.65	ppb
Chromium	52-2	16.73	16.99	16.54	16.75	1.36	ppb
Cobalt	59-2	4.57	4.48	4.44	4.49	1.43	ppb
Copper	63-2	174.37	178.18	171.79	174.78	1.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	10892.43	10941.68	10822.54	10885.55	0.55	ppb
Iron	56-2	10963.65	10901.10	10695.59	10853.45	1.29	ppb
Iron	57-2	11131.80	10975.63	10755.85	10954.43	1.72	ppb
Krypton	83-1						cps
Lead	207-1	1752.64	1699.09	1702.78	1718.17	1.74	ppb
Lead	208-1	1792.99	1713.32	1739.90	1748.74	2.32	ppb
Lead	206-1	1850.81	1763.76	1812.91	1809.16	2.41	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDL2X25	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL2	Dilution Factor :	25
Date & Time Acquired ::	2020-04-14 17:00:57	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				116		%
Magnesium	24-2	5591.17	5582.92	5415.32	5529.81	1.79	ppb
Manganese	55-2	325.51	324.44	319.24	323.06	1.04	ppb
Molybdenum	94-1	1.37	1.40	1.43	1.40	1.98	ppb
Molybdenum	95-1	1.59	1.26	1.40	1.42	11.53	ppb
Molybdenum	96-1	1.36	1.35	1.39	1.37	1.51	ppb
Molybdenum	97-1	1.39	1.34	1.36	1.36	1.57	ppb
Molybdenum	98-1	1.37	1.32	1.34	1.34	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.04	10.43	9.47	9.98	4.81	ppb
Phosphorus	31-2	128.81	123.09	146.69	132.86	9.27	ppb
Potassium	39-2	859.59	873.25	814.97	849.27	3.59	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	77-2	1.45	1.44	1.44	1.44	0.44	ppb
Selenium	78-2	1.37	-0.57	-0.75	0.01	7954.41	ppb
Selenium	82-1	0.03	-2.26	-3.08	-1.77		ppb
Silicon	28-1	2258.67	2201.66	2299.53	2253.29	2.18	ppb
Silver	109-1	0.20	0.27	0.23	0.23	13.30	ppb
Silver	107-1	0.26	0.26	0.24	0.26	4.12	ppb
Sodium	23-2	17770.20	17814.14	17214.80	17599.71	1.90	ppb
Strontium	86-1	52.35	50.67	53.53	52.18	2.75	ppb
Strontium	88-1	55.06	53.83	54.79	54.56	1.19	ppb
Sulfur	34-1	-3597.84	-4269.43	-2773.84	-3547.04		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.05	0.04	0.01	0.03	57.27	ppb
Thallium	205-1	0.05	0.01	0.05	0.04	58.46	ppb
Tin	118-1	5.41	5.31	5.22	5.31	1.83	ppb
Titanium	47-1	153.28	152.00	161.64	155.64	3.36	ppb
Uranium	238-1	0.44	0.43	0.43	0.43	2.02	ppb
Vanadium	51-2	12.07	12.21	12.19	12.16	0.63	ppb
Yttrium	89-1				108		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDL2X25	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL2	Dilution Factor :	25
Date & Time Acquired ::	2020-04-14 17:00:57	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	404.94	411.17	396.09	404.07	1.87	ppb
Zirconium	90-1	0.24	0.25	0.23	0.24	4.90	ppb
Zirconium	91-1	0.21	0.24	0.24	0.23	8.33	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:03:45	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22082.55	21516.31	21580.87	21726.58	1.43	ppb
Antimony	121-1	61.87	63.36	63.16	62.80	1.28	ppb
Arsenic	75-2	118.80	119.06	116.71	118.19	1.09	ppb
Barium	135-1	1397.98	1449.41	1396.71	1414.70	2.13	ppb
Barium	137-1	1433.10	1426.44	1394.32	1417.96	1.46	ppb
Beryllium	9-1	90.14	91.32	91.68	91.05	0.88	ppb
Bismuth	209-1				105		%
Bismuth	209-2				98		%
Boron	11-1	130.51	152.09	169.19	150.59	12.87	ppb
Boron	10-1	128.61	148.13	165.22	147.32	12.43	ppb
Bromine	81-1						cps
Cadmium	106-1	97.97	101.20	107.45	102.20	4.71	ppb
Cadmium	108-1	105.47	108.55	104.26	106.09	2.09	ppb
Cadmium	111-1	104.25	106.48	103.83	104.85	1.36	ppb
Calcium	43-1	76940.55	80531.42	81926.62	79799.53	3.22	ppb
Calcium	44-1	75810.93	79725.38	79974.64	78503.65	2.97	ppb
Chromium	52-2	193.25	187.62	188.57	189.81	1.59	ppb
Cobalt	59-2	130.68	125.81	126.78	127.76	2.02	ppb
Copper	63-2	1106.11	1069.59	1076.67	1084.13	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				101		%
Iron	54-2	62231.86	61226.90	59543.02	61000.60	2.23	ppb
Iron	56-2	61090.23	58675.94	59742.68	59836.29	2.02	ppb
Iron	57-2	60966.68	59033.23	59833.34	59944.41	1.62	ppb
Krypton	83-1						cps
Lead	207-1	8588.92	8681.73	8752.20	8674.28	0.94	ppb
Lead	208-1	8839.60	8858.35	8941.71	8879.89	0.61	ppb
Lead	206-1	9009.99	9018.51	9112.03	9046.84	0.63	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:03:45	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				115		%
Magnesium	24-2	39015.16	38228.44	38991.16	38744.92	1.15	ppb
Manganese	55-2	1873.99	1834.37	1810.23	1839.53	1.75	ppb
Molybdenum	94-1	497.46	492.85	491.95	494.09	0.60	ppb
Molybdenum	95-1	504.16	499.28	497.37	500.27	0.70	ppb
Molybdenum	96-1	499.77	497.23	502.01	499.67	0.48	ppb
Molybdenum	97-1	496.31	503.79	500.93	500.34	0.75	ppb
Molybdenum	98-1	502.37	505.54	498.36	502.09	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	163.86	157.11	157.08	159.35	2.45	ppb
Phosphorus	31-2	864.48	879.90	951.47	898.62	5.17	ppb
Potassium	39-2	9553.16	9494.08	9206.57	9417.94	1.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				106		%
Scandium	45-2				96		%
Selenium	77-2	107.35	130.47	82.01	106.61	22.74	ppb
Selenium	78-2	103.49	104.27	99.04	102.27	2.76	ppb
Selenium	82-1	98.57	94.39	95.82	96.26	2.21	ppb
Silicon	28-1	10602.82	11028.19	11257.11	10962.71	3.03	ppb
Silver	109-1	101.29	103.96	103.22	102.82	1.34	ppb
Silver	107-1	101.44	103.13	101.52	102.03	0.93	ppb
Sodium	23-2	99713.65	97991.17	96867.36	98190.73	1.46	ppb
Strontium	86-1	368.12	368.77	367.85	368.24	0.13	ppb
Strontium	88-1	371.84	368.77	375.12	371.91	0.85	ppb
Sulfur	34-1	7.76	1761.36	2643.09	1470.74	91.21	ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	95.04	96.76	97.93	96.57	1.50	ppb
Thallium	205-1	97.31	99.17	100.43	98.97	1.59	ppb
Tin	118-1	129.12	132.47	131.14	130.91	1.29	ppb
Titanium	47-1	1326.67	1378.04	1420.31	1375.01	3.41	ppb
Uranium	238-1	101.83	102.87	102.60	102.43	0.52	ppb
Vanadium	51-2	170.96	166.64	164.97	167.52	1.85	ppb
Yttrium	89-1				106		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:03:45	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2238.16	2193.46	2187.51	2206.38	1.25	ppb
Zirconium	90-1	93.05	92.21	92.31	92.52	0.49	ppb
Zirconium	91-1	92.05	91.88	90.37	91.43	1.01	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:06:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20632.29	20203.75	19984.51	20273.52	1.63	ppb
Antimony	121-1	61.26	61.82	67.49	63.52	5.43	ppb
Arsenic	75-2	119.24	115.22	116.63	117.03	1.74	ppb
Barium	135-1	1361.31	1391.78	1492.47	1415.19	4.85	ppb
Barium	137-1	1348.26	1393.76	1485.44	1409.15	4.96	ppb
Beryllium	9-1	85.75	85.59	94.00	88.45	5.44	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	11-1	139.27	154.03	185.48	159.60	14.79	ppb
Boron	10-1	137.51	152.17	182.73	157.47	14.65	ppb
Bromine	81-1						cps
Cadmium	106-1	93.24	108.09	108.52	103.28	8.42	ppb
Cadmium	108-1	100.73	106.11	112.72	106.52	5.64	ppb
Cadmium	111-1	102.55	104.40	114.69	107.21	6.10	ppb
Calcium	43-1	78499.36	80766.60	86829.31	82031.76	5.25	ppb
Calcium	44-1	77395.83	79486.34	85218.03	80700.06	5.02	ppb
Chromium	52-2	184.88	184.27	183.28	184.14	0.44	ppb
Cobalt	59-2	127.08	125.19	124.46	125.57	1.08	ppb
Copper	63-2	1087.48	1066.99	1071.77	1075.41	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				102		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	58338.34	58874.33	57510.92	58241.19	1.18	ppb
Iron	56-2	58515.12	56905.23	57187.79	57536.05	1.49	ppb
Iron	57-2	57655.63	57168.50	56864.92	57229.68	0.70	ppb
Krypton	83-1						cps
Lead	207-1	8555.76	8528.85	9268.49	8784.37	4.78	ppb
Lead	208-1	8866.74	8813.94	9532.73	9071.14	4.42	ppb
Lead	206-1	9089.93	9019.53	9744.41	9284.62	4.31	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:06:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				118		%
Magnesium	24-2	38440.65	37959.57	37888.09	38096.10	0.79	ppb
Manganese	55-2	1826.79	1821.52	1799.89	1816.07	0.79	ppb
Molybdenum	94-1	480.81	494.98	521.62	499.13	4.15	ppb
Molybdenum	95-1	498.72	515.63	537.93	517.43	3.80	ppb
Molybdenum	96-1	495.21	508.31	538.19	513.90	4.29	ppb
Molybdenum	97-1	497.66	519.64	540.84	519.38	4.16	ppb
Molybdenum	98-1	495.82	514.47	546.74	519.01	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	155.86	154.97	156.19	155.67	0.40	ppb
Phosphorus	31-2	608.08	731.81	589.15	643.01	12.05	ppb
Potassium	39-2	9624.91	9427.07	9201.63	9417.87	2.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	112.39	122.34	131.02	121.92	7.65	ppb
Selenium	78-2	90.72	87.78	96.85	91.78	5.04	ppb
Selenium	82-1	88.29	94.22	98.36	93.62	5.41	ppb
Silicon	28-1	10256.43	10102.45	11178.18	10512.35	5.53	ppb
Silver	109-1	100.29	103.17	111.16	104.87	5.37	ppb
Silver	107-1	100.06	100.91	111.38	104.12	6.06	ppb
Sodium	23-2	98549.79	95091.38	95796.80	96479.32	1.89	ppb
Strontium	86-1	360.54	367.08	393.65	373.76	4.69	ppb
Strontium	88-1	363.18	376.34	401.12	380.21	5.07	ppb
Sulfur	34-1	1164.42	1833.74	4821.10	2606.42	74.70	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	96.70	97.72	106.22	100.21	5.21	ppb
Thallium	205-1	100.16	99.59	107.90	102.55	4.53	ppb
Tin	118-1	126.66	130.40	141.44	132.83	5.79	ppb
Titanium	47-1	1305.79	1328.15	1426.83	1353.59	4.76	ppb
Uranium	238-1	102.76	103.26	111.96	105.99	4.88	ppb
Vanadium	51-2	165.58	162.60	160.70	162.96	1.51	ppb
Yttrium	89-1				104		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:06:36	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	2186.26	2158.80	2155.72	2166.93	0.78	ppb
Zirconium	90-1	85.70	88.74	94.36	89.60	4.91	ppb
Zirconium	91-1	84.32	87.35	92.76	88.14	4.85	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:09:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20838.12	21289.31	21931.66	21353.03	2.57	ppb
Antimony	121-1	60.84	61.81	62.48	61.71	1.34	ppb
Arsenic	75-2	117.02	116.26	122.26	118.51	2.76	ppb
Barium	135-1	1368.82	1394.28	1400.91	1388.00	1.22	ppb
Barium	137-1	1384.84	1406.35	1413.28	1401.49	1.06	ppb
Beryllium	9-1	86.15	85.32	85.70	85.73	0.48	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	11-1	138.53	157.37	172.92	156.27	11.02	ppb
Boron	10-1	140.42	160.21	174.68	158.44	10.86	ppb
Bromine	81-1						cps
Cadmium	106-1	102.55	106.45	96.22	101.74	5.08	ppb
Cadmium	108-1	101.87	103.21	104.81	103.30	1.42	ppb
Cadmium	111-1	103.51	103.91	106.14	104.52	1.36	ppb
Calcium	43-1	78608.49	80832.27	80781.56	80074.11	1.59	ppb
Calcium	44-1	77469.32	79337.67	78838.94	78548.65	1.23	ppb
Chromium	52-2	186.12	185.66	195.18	188.99	2.84	ppb
Cobalt	59-2	125.08	127.79	133.18	128.68	3.21	ppb
Copper	63-2	1069.56	1087.47	1130.86	1095.96	2.88	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				106		%
Holmium	165-2				99		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	60321.03	61017.13	63514.51	61617.56	2.73	ppb
Iron	56-2	57634.53	59350.94	61069.12	59351.53	2.89	ppb
Iron	57-2	57828.87	58891.88	61065.61	59262.12	2.78	ppb
Krypton	83-1						cps
Lead	207-1	8658.37	8720.79	8687.02	8688.72	0.36	ppb
Lead	208-1	8871.32	8930.78	8937.36	8913.15	0.41	ppb
Lead	206-1	9083.09	9114.10	9170.02	9122.40	0.48	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:09:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				122		%
Magnesium	24-2	38464.28	39068.39	40477.40	39336.69	2.63	ppb
Manganese	55-2	1825.48	1842.74	1920.52	1862.92	2.72	ppb
Molybdenum	94-1	481.13	493.54	491.32	488.66	1.35	ppb
Molybdenum	95-1	490.74	500.07	498.14	496.32	0.99	ppb
Molybdenum	96-1	493.60	503.07	498.46	498.37	0.95	ppb
Molybdenum	97-1	497.71	507.98	503.19	502.96	1.02	ppb
Molybdenum	98-1	496.92	501.24	501.42	499.86	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	155.68	157.73	165.62	159.67	3.29	ppb
Phosphorus	31-2	658.84	768.49	732.41	719.91	7.76	ppb
Potassium	39-2	9221.70	9275.08	9654.06	9383.62	2.51	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				96		%
Selenium	77-2	103.68	148.51	138.41	130.20	18.06	ppb
Selenium	78-2	101.41	97.21	105.21	101.28	3.95	ppb
Selenium	82-1	94.73	92.18	91.07	92.66	2.03	ppb
Silicon	28-1	10596.39	10557.74	10705.61	10619.91	0.72	ppb
Silver	109-1	101.46	102.04	103.93	102.48	1.26	ppb
Silver	107-1	100.43	101.30	102.57	101.43	1.06	ppb
Sodium	23-2	96085.90	97612.87	102463.36	98720.71	3.37	ppb
Strontium	86-1	357.99	366.44	360.76	361.73	1.19	ppb
Strontium	88-1	366.01	375.58	370.31	370.63	1.29	ppb
Sulfur	34-1	164.75	263.07	-13.69	138.04	101.64	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	98.05	98.49	99.91	98.82	0.98	ppb
Thallium	205-1	100.07	100.23	102.27	100.86	1.22	ppb
Tin	118-1	128.58	130.91	132.60	130.70	1.54	ppb
Titanium	47-1	1331.37	1359.73	1360.71	1350.60	1.23	ppb
Uranium	238-1	102.90	103.93	103.72	103.52	0.53	ppb
Vanadium	51-2	165.84	165.07	175.75	168.89	3.52	ppb
Yttrium	89-1				108		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:09:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	2188.48	2184.95	2288.53	2220.65	2.65	ppb
Zirconium	90-1	88.47	89.54	89.22	89.08	0.61	ppb
Zirconium	91-1	86.87	90.35	88.40	88.54	1.97	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:12:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23152.43	23033.25	22689.31	22958.33	1.05	ppb
Antimony	121-1	2.60	2.65	2.85	2.70	4.81	ppb
Arsenic	75-2	19.14	18.66	19.06	18.95	1.34	ppb
Barium	135-1	1180.37	1179.56	1194.20	1184.71	0.69	ppb
Barium	137-1	1185.20	1190.93	1206.24	1194.13	0.91	ppb
Beryllium	9-1	1.11	1.06	1.09	1.08	2.38	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	11-1	78.28	87.48	89.87	85.21	7.18	ppb
Boron	10-1	78.21	86.61	86.66	83.83	5.80	ppb
Bromine	81-1						cps
Cadmium	106-1	1.17	-0.17	5.27	2.09	135.48	ppb
Cadmium	108-1	3.34	4.23	2.96	3.51	18.51	ppb
Cadmium	111-1	3.24	3.15	3.64	3.35	7.84	ppb
Calcium	43-1	74309.61	74266.62	73678.45	74084.90	0.48	ppb
Calcium	44-1	73293.90	71987.07	72979.04	72753.34	0.94	ppb
Chromium	52-2	113.43	112.87	112.41	112.90	0.45	ppb
Cobalt	59-2	29.51	29.58	28.98	29.36	1.12	ppb
Copper	63-2	962.72	962.24	947.60	957.52	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				110		%
Indium	115-2				104		%
Iron	54-2	74629.52	73803.83	74322.02	74251.79	0.56	ppb
Iron	56-2	72743.18	73893.01	72960.93	73199.04	0.83	ppb
Iron	57-2	73270.53	73738.19	73472.36	73493.69	0.32	ppb
Krypton	83-1						cps
Lead	207-1	8190.21	8178.00	7995.41	8121.21	1.34	ppb
Lead	208-1	8399.98	8351.51	8264.50	8338.66	0.82	ppb
Lead	206-1	8598.28	8612.26	8507.92	8572.82	0.66	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:12:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				127		%
Magnesium	24-2	32077.38	30905.98	30840.84	31274.73	2.23	ppb
Manganese	55-2	1881.74	1903.06	1873.73	1886.18	0.80	ppb
Molybdenum	94-1	11.42	11.00	11.75	11.39	3.28	ppb
Molybdenum	95-1	8.82	8.50	9.00	8.77	2.87	ppb
Molybdenum	96-1	9.05	9.31	9.23	9.20	1.42	ppb
Molybdenum	97-1	8.52	8.88	9.19	8.86	3.79	ppb
Molybdenum	98-1	9.11	8.85	9.09	9.02	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.43	67.68	66.37	66.83	1.11	ppb
Phosphorus	31-2	1161.17	1049.90	1153.20	1121.42	5.53	ppb
Potassium	39-2	5265.08	5289.22	5306.18	5286.83	0.39	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	77-2	30.84	43.63	45.04	39.84	19.63	ppb
Selenium	78-2	6.82	2.62	3.40	4.28	52.20	ppb
Selenium	82-1	-0.63	0.98	-1.76	-0.47		ppb
Silicon	28-1	10996.66	10755.32	10915.63	10889.20	1.13	ppb
Silver	109-1	0.86	0.87	0.89	0.87	1.74	ppb
Silver	107-1	0.79	0.82	0.98	0.86	11.47	ppb
Sodium	23-2	85371.45	84910.37	84566.51	84949.44	0.48	ppb
Strontium	86-1	272.00	269.36	274.68	272.01	0.98	ppb
Strontium	88-1	279.13	279.91	286.83	281.96	1.50	ppb
Sulfur	34-1	546.23	-439.17	-473.73	-122.22		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.37	0.38	0.46	0.40	11.50	ppb
Thallium	205-1	0.48	0.44	0.38	0.43	11.52	ppb
Tin	118-1	35.26	35.11	36.02	35.46	1.37	ppb
Titanium	47-1	1268.96	1254.02	1270.06	1264.35	0.71	ppb
Uranium	238-1	2.76	2.61	2.60	2.66	3.48	ppb
Vanadium	51-2	84.56	85.84	83.67	84.69	1.29	ppb
Yttrium	89-1				110		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:12:14	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	2310.15	2300.95	2256.41	2289.17	1.26	ppb
Zirconium	90-1	3.37	3.36	3.37	3.37	0.13	ppb
Zirconium	91-1	3.36	3.24	3.40	3.33	2.37	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:18:48	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51079.96	50675.73	51120.67	50958.79	0.48	ppb
Antimony	121-1	496.85	502.39	502.11	500.45	0.62	ppb
Arsenic	75-2	495.36	495.58	495.42	495.45	0.02	ppb
Barium	135-1	2531.50	2500.46	2459.99	2497.32	1.44	ppb
Barium	137-1	2529.03	2507.81	2463.31	2500.05	1.34	ppb
Beryllium	9-1	488.79	507.24	500.32	498.78	1.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	11-1	386.97	465.64	511.79	454.80	13.88	ppb
Boron	10-1	390.93	467.52	515.66	458.04	13.73	ppb
Bromine	81-1						cps
Cadmium	106-1	476.89	476.38	489.71	480.99	1.57	ppb
Cadmium	108-1	478.00	481.28	470.13	476.47	1.20	ppb
Cadmium	111-1	484.88	480.19	480.10	481.72	0.57	ppb
Calcium	43-1	241704.38	246652.08	242109.33	243488.60	1.13	ppb
Calcium	44-1	243033.94	246539.67	243318.80	244297.47	0.80	ppb
Chromium	52-2	518.59	510.92	521.64	517.05	1.07	ppb
Cobalt	59-2	500.31	496.58	502.96	499.95	0.64	ppb
Copper	63-2	5080.01	5052.14	5067.91	5066.68	0.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	126008.17	127467.46	125761.54	126412.39	0.73	ppb
Iron	56-2	125572.81	125724.74	124621.84	125306.46	0.48	ppb
Iron	57-2	127934.24	127595.61	127832.25	127787.37	0.14	ppb
Krypton	83-1						cps
Lead	207-1	2492.54	2506.80	2517.48	2505.61	0.50	ppb
Lead	208-1	2503.31	2491.17	2513.93	2502.81	0.45	ppb
Lead	206-1	2551.84	2497.18	2550.47	2533.16	1.23	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:18:48	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				111		%
Magnesium	24-2	254972.28	254685.49	255265.42	254974.40	0.11	ppb
Manganese	55-2	5123.40	5133.11	4982.41	5079.64	1.66	ppb
Molybdenum	94-1	2429.42	2439.51	2458.82	2442.59	0.61	ppb
Molybdenum	95-1	2462.51	2460.80	2471.51	2464.94	0.23	ppb
Molybdenum	96-1	2477.54	2478.17	2493.49	2483.07	0.36	ppb
Molybdenum	97-1	2494.20	2473.39	2471.11	2479.57	0.51	ppb
Molybdenum	98-1	2453.22	2492.11	2468.49	2471.27	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.84	500.70	511.28	507.27	1.13	ppb
Phosphorus	31-2	9683.83	10055.76	10932.20	10223.93	6.27	ppb
Potassium	39-2	123107.23	123184.55	125902.11	124064.63	1.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	77-2	461.62	463.61	466.02	463.75	0.47	ppb
Selenium	78-2	481.58	486.28	490.68	486.18	0.94	ppb
Selenium	82-1	476.25	478.89	485.72	480.29	1.02	ppb
Silicon	28-1	495.73	551.21	585.96	544.30	8.36	ppb
Silver	109-1	487.13	492.39	486.09	488.54	0.69	ppb
Silver	107-1	487.86	492.23	485.96	488.68	0.66	ppb
Sodium	23-2	253714.92	253636.99	254145.43	253832.45	0.11	ppb
Strontium	86-1	483.85	491.09	490.43	488.46	0.82	ppb
Strontium	88-1	491.27	494.91	494.46	493.55	0.40	ppb
Sulfur	34-1	7632.94	8274.82	8136.08	8014.61	4.21	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	496.54	493.27	500.99	496.93	0.78	ppb
Thallium	205-1	507.05	509.96	506.32	507.78	0.38	ppb
Tin	118-1	491.07	492.74	487.21	490.34	0.58	ppb
Titanium	47-1	2480.26	2453.29	2475.93	2469.82	0.59	ppb
Uranium	238-1	513.00	511.46	513.77	512.74	0.23	ppb
Vanadium	51-2	510.30	497.59	506.79	504.89	1.30	ppb
Yttrium	89-1				109		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:18:48	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	4927.22	4877.89	4929.74	4911.62	0.60	ppb
Zirconium	90-1	485.12	491.00	499.75	491.96	1.50	ppb
Zirconium	91-1	483.67	485.44	489.34	486.15	0.60	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:22:50	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.69	-0.17	-3.44	-0.97		ppb
Antimony	121-1	0.03	0.04	0.03	0.04	16.96	ppb
Arsenic	75-2	-0.01	0.01	0.02	0.01	242.13	ppb
Barium	135-1	0.01	0.00	0.06	0.02	146.71	ppb
Barium	137-1	0.01	0.01	0.01	0.01	44.11	ppb
Beryllium	9-1	0.06	0.03	0.03	0.04	50.43	ppb
Bismuth	209-1				108		%
Bismuth	209-2				103		%
Boron	11-1	37.61	35.90	35.37	36.29	3.22	ppb
Boron	10-1	37.55	36.82	36.63	37.00	1.31	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.19	-2.41	-1.61	-1.74		ppb
Cadmium	108-1	0.06	0.20	-0.01	0.08	127.56	ppb
Cadmium	111-1	-0.09	-0.17	-0.11	-0.12		ppb
Calcium	43-1	9.41	-2.29	-11.62	-1.50		ppb
Calcium	44-1	-15.28	-13.30	-11.01	-13.20		ppb
Chromium	52-2	-0.15	-0.02	-0.12	-0.10		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.66	0.66	0.65	0.66	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	54-2	-0.35	1.94	0.27	0.62	190.46	ppb
Iron	56-2	0.92	0.83	0.78	0.84	8.81	ppb
Iron	57-2	2.73	0.38	0.00	1.04	142.70	ppb
Krypton	83-1						cps
Lead	207-1	0.62	0.57	0.65	0.61	6.69	ppb
Lead	208-1	0.54	0.52	0.58	0.54	5.74	ppb
Lead	206-1	0.41	0.48	0.62	0.51	21.26	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:22:50	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				112		%
Magnesium	24-2	2.03	0.30	0.62	0.98	93.63	ppb
Manganese	55-2	-0.07	0.03	-0.03	-0.02		ppb
Molybdenum	94-1	0.01	0.04	0.06	0.03	79.98	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.03	24.05	ppb
Molybdenum	96-1	0.05	0.08	0.01	0.05	79.09	ppb
Molybdenum	97-1	0.05	0.02	0.03	0.04	34.85	ppb
Molybdenum	98-1	0.04	0.05	0.02	0.04	35.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.04	-0.06	-0.04		ppb
Phosphorus	31-2	-85.12	8.02	-24.00	-33.70		ppb
Potassium	39-2	3.33	-3.23	31.06	10.39	175.19	ppb
Rhodium	103-1				107		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				98		%
Selenium	77-2	1.45	-0.72	-0.72	0.00	77020.63	ppb
Selenium	78-2	-1.30	-0.12	-0.09	-0.50		ppb
Selenium	82-1	-1.22	0.49	-1.37	-0.70		ppb
Silicon	28-1	-32.18	-34.54	-36.23	-34.32		ppb
Silver	109-1	0.03	0.02	0.03	0.03	14.35	ppb
Silver	107-1	0.03	0.03	0.03	0.03	11.14	ppb
Sodium	23-2	70.11	71.77	65.58	69.15	4.64	ppb
Strontium	86-1	-0.04	-0.14	0.04	-0.05		ppb
Strontium	88-1	0.01	0.00	-0.01	0.00	450.26	ppb
Sulfur	34-1	-2747.76	-2747.89	-2526.14	-2673.93		ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	0.04	-0.01	0.00	0.01	268.10	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	47.82	ppb
Tin	118-1	0.02	0.02	0.03	0.02	28.50	ppb
Titanium	47-1	-0.22	-0.18	-0.34	-0.25		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	106.47	ppb
Vanadium	51-2	0.01	0.01	0.03	0.01	75.85	ppb
Yttrium	89-1				107		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:22:50	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				99		%
Zinc	66-2	0.81	0.86	1.00	0.89	10.74	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	119.38	ppb
Zirconium	91-1	-0.04	-0.01	0.04	-0.01		ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:25:41	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79578.34	78813.10	77208.84	78533.43	1.54	ppb
Antimony	121-1	15.36	16.42	16.19	15.99	3.49	ppb
Arsenic	75-2	67.30	66.15	67.10	66.85	0.92	ppb
Barium	135-1	4477.74	4740.26	4613.17	4610.39	2.85	ppb
Barium	137-1	4452.47	4665.88	4617.11	4578.49	2.44	ppb
Beryllium	9-1	3.33	3.21	2.88	3.14	7.45	ppb
Bismuth	209-1				112		%
Bismuth	209-2				107		%
Boron	11-1	258.53	274.82	275.08	269.48	3.52	ppb
Boron	10-1	259.53	275.17	272.45	269.05	3.11	ppb
Bromine	81-1						cps
Cadmium	106-1	13.60	15.22	13.84	14.22	6.16	ppb
Cadmium	108-1	12.56	15.57	14.84	14.32	10.99	ppb
Cadmium	111-1	12.97	14.24	13.55	13.59	4.68	ppb
Calcium	43-1	313478.15	330347.43	322511.62	322112.40	2.62	ppb
Calcium	44-1	311843.67	332586.07	325193.69	323207.81	3.25	ppb
Chromium	52-2	404.18	401.25	402.89	402.77	0.36	ppb
Cobalt	59-2	107.15	103.93	105.27	105.45	1.53	ppb
Copper	63-2	4142.85	4039.06	4092.60	4091.50	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	54-2	260898.43	257401.12	258469.65	258923.07	0.69	ppb
Iron	56-2	258942.91	256223.08	254224.26	256463.42	0.92	ppb
Iron	57-2	257792.36	253648.49	256338.51	255926.45	0.82	ppb
Krypton	83-1						cps
Lead	207-1	36051.89	37596.04	37886.50	37178.14	2.65	ppb
Lead	208-1	37074.75	38583.86	38950.52	38203.04	2.60	ppb
Lead	206-1	38098.57	39787.17	39894.13	39259.95	2.57	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:25:41	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				135		%
Magnesium	24-2	127201.85	128638.01	126777.63	127539.16	0.76	ppb
Manganese	55-2	7668.91	7498.86	7522.79	7563.52	1.22	ppb
Molybdenum	94-1	32.54	34.39	33.04	33.32	2.87	ppb
Molybdenum	95-1	30.47	32.09	32.69	31.75	3.63	ppb
Molybdenum	96-1	31.79	32.74	32.76	32.43	1.72	ppb
Molybdenum	97-1	31.57	31.85	31.59	31.67	0.50	ppb
Molybdenum	98-1	31.10	32.21	33.08	32.13	3.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	239.09	235.96	239.66	238.24	0.84	ppb
Phosphorus	31-2	3746.51	3687.53	3475.70	3636.58	3.92	ppb
Potassium	39-2	18971.63	18788.04	18649.99	18803.22	0.86	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	77-2	118.28	88.64	89.97	98.96	16.92	ppb
Selenium	78-2	10.74	14.11	10.54	11.80	17.02	ppb
Selenium	82-1	1.83	4.45	3.46	3.25	40.68	ppb
Silicon	28-1	52140.94	54325.92	52626.60	53031.15	2.16	ppb
Silver	109-1	3.13	3.32	3.37	3.27	3.90	ppb
Silver	107-1	2.96	3.39	3.16	3.17	6.75	ppb
Sodium	23-2	405549.32	406080.87	402814.94	404815.05	0.43	ppb
Strontium	86-1	1148.01	1185.78	1185.60	1173.13	1.85	ppb
Strontium	88-1	1154.50	1211.69	1200.08	1188.76	2.54	ppb
Sulfur	34-1	22004.48	24514.49	22379.43	22966.13	5.90	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	1.14	1.17	1.08	1.13	4.08	ppb
Thallium	205-1	1.19	1.18	1.16	1.18	1.27	ppb
Tin	118-1	135.82	151.26	145.70	144.26	5.42	ppb
Titanium	47-1	3757.76	3994.78	3902.77	3885.10	3.08	ppb
Uranium	238-1	9.34	9.52	9.73	9.53	2.04	ppb
Vanadium	51-2	297.15	292.73	292.94	294.27	0.85	ppb
Yttrium	89-1				110		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:25:41	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	9069.57	8833.41	8884.37	8929.12	1.39	ppb
Zirconium	90-1	6.99	7.16	7.35	7.17	2.56	ppb
Zirconium	91-1	6.95	7.34	7.42	7.24	3.45	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUP	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:28:29	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	79040.44	79234.45	82318.60	80197.83	2.29	ppb
Antimony	121-1	13.19	13.16	13.51	13.29	1.48	ppb
Arsenic	75-2	66.79	67.03	70.98	68.27	3.45	ppb
Barium	135-1	4363.42	4416.99	4377.73	4386.05	0.63	ppb
Barium	137-1	4409.07	4387.56	4378.31	4391.65	0.36	ppb
Beryllium	9-1	2.38	2.29	2.09	2.25	6.51	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	11-1	206.34	218.01	224.89	216.41	4.33	ppb
Boron	10-1	200.73	218.17	226.74	215.21	6.16	ppb
Bromine	81-1						cps
Cadmium	106-1	11.23	11.88	11.57	11.56	2.84	ppb
Cadmium	108-1	16.41	16.48	14.35	15.75	7.68	ppb
Cadmium	111-1	13.18	12.56	13.26	13.00	2.95	ppb
Calcium	43-1	310695.29	302605.60	321031.50	311444.13	2.97	ppb
Calcium	44-1	310685.29	303942.05	319938.63	311521.99	2.58	ppb
Chromium	52-2	403.79	406.88	422.30	410.99	2.41	ppb
Cobalt	59-2	107.22	108.35	110.50	108.69	1.53	ppb
Copper	63-2	4115.69	4182.70	4389.35	4229.25	3.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				94		%
Indium	115-1				115		%
Indium	115-2				103		%
Iron	54-2	260659.31	265673.09	269577.92	265303.44	1.69	ppb
Iron	56-2	259551.71	263109.76	270085.47	264248.98	2.03	ppb
Iron	57-2	258896.35	265595.24	268332.42	264274.67	1.84	ppb
Krypton	83-1						cps
Lead	207-1	39219.19	39532.00	40022.68	39591.29	1.02	ppb
Lead	208-1	40394.64	40778.09	41060.81	40744.51	0.82	ppb
Lead	206-1	41587.63	41595.14	42140.52	41774.43	0.76	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUP	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:28:29	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				177		%
Magnesium	24-2	129094.08	126154.68	133696.92	129648.56	2.93	ppb
Manganese	55-2	7608.85	7705.01	7776.54	7696.80	1.09	ppb
Molybdenum	94-1	32.46	32.31	32.57	32.45	0.40	ppb
Molybdenum	95-1	30.36	31.14	30.68	30.73	1.28	ppb
Molybdenum	96-1	30.75	30.60	31.02	30.79	0.69	ppb
Molybdenum	97-1	30.60	30.96	31.03	30.86	0.74	ppb
Molybdenum	98-1	30.47	30.59	30.59	30.55	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	240.97	241.14	249.40	243.83	1.98	ppb
Phosphorus	31-2	3876.48	3984.77	4259.17	4040.14	4.88	ppb
Potassium	39-2	18555.71	18871.94	19398.04	18941.89	2.25	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				104		%
Scandium	45-2				92		%
Selenium	77-2	87.29	76.98	110.31	91.52	18.64	ppb
Selenium	78-2	13.73	13.77	12.41	13.31	5.84	ppb
Selenium	82-1	2.22	0.74	2.65	1.87	53.54	ppb
Silicon	28-1	49638.20	50695.82	51010.09	50448.04	1.42	ppb
Silver	109-1	2.93	3.03	3.15	3.04	3.64	ppb
Silver	107-1	2.98	3.08	3.11	3.06	2.19	ppb
Sodium	23-2	406423.00	405210.29	427099.88	412911.05	2.98	ppb
Strontium	86-1	1137.87	1124.17	1146.95	1136.33	1.01	ppb
Strontium	88-1	1143.82	1137.00	1157.99	1146.27	0.93	ppb
Sulfur	34-1	21079.44	18925.48	20402.83	20135.92	5.47	ppb
Terbium	159-1				102		%
Terbium	159-2				94		%
Thallium	203-1	1.16	1.08	1.13	1.12	3.84	ppb
Thallium	205-1	1.24	1.19	1.12	1.18	5.33	ppb
Tin	118-1	135.93	137.07	138.03	137.01	0.77	ppb
Titanium	47-1	3660.81	3728.15	3790.79	3726.59	1.74	ppb
Uranium	238-1	10.34	10.12	10.03	10.16	1.58	ppb
Vanadium	51-2	295.58	299.45	308.40	301.14	2.18	ppb
Yttrium	89-1				114		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUP	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:28:29	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	8912.68	9108.25	9344.23	9121.72	2.37	ppb
Zirconium	90-1	7.10	7.08	7.07	7.09	0.23	ppb
Zirconium	91-1	6.93	7.17	6.97	7.02	1.88	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LX5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:31:19	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16431.04	16368.30	16493.06	16430.80	0.38	ppb
Antimony	121-1	2.93	2.91	2.91	2.92	0.51	ppb
Arsenic	75-2	15.16	15.65	14.87	15.23	2.59	ppb
Barium	135-1	878.34	867.07	894.94	880.12	1.59	ppb
Barium	137-1	888.84	870.79	906.73	888.78	2.02	ppb
Beryllium	9-1	0.51	0.57	0.67	0.58	14.31	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	11-1	70.68	74.25	81.78	75.57	7.50	ppb
Boron	10-1	69.75	73.49	79.79	74.34	6.82	ppb
Bromine	81-1						cps
Cadmium	106-1	1.25	0.87	1.79	1.31	35.33	ppb
Cadmium	108-1	2.19	3.03	3.57	2.93	23.81	ppb
Cadmium	111-1	2.87	2.58	2.51	2.66	7.27	ppb
Calcium	43-1	65558.41	67288.26	67064.01	66636.89	1.41	ppb
Calcium	44-1	65239.38	65138.70	66453.25	65610.44	1.12	ppb
Chromium	52-2	84.66	85.99	85.38	85.35	0.78	ppb
Cobalt	59-2	22.47	22.24	23.36	22.69	2.62	ppb
Copper	63-2	864.88	871.77	872.06	869.57	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				100		%
Indium	115-1				112		%
Indium	115-2				98		%
Iron	54-2	54973.12	55098.06	56203.27	55424.82	1.22	ppb
Iron	56-2	54460.84	54090.97	54841.19	54464.34	0.69	ppb
Iron	57-2	53380.03	54200.70	54627.90	54069.55	1.17	ppb
Krypton	83-1						cps
Lead	207-1	8225.53	8261.66	8371.03	8286.07	0.91	ppb
Lead	208-1	8437.43	8488.83	8601.22	8509.16	0.98	ppb
Lead	206-1	8576.88	8620.16	8888.55	8695.20	1.94	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LX5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:31:19	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				155		%
Magnesium	24-2	27214.04	26825.53	27462.80	27167.46	1.18	ppb
Manganese	55-2	1555.69	1555.80	1572.99	1561.49	0.64	ppb
Molybdenum	94-1	7.05	6.89	7.11	7.02	1.61	ppb
Molybdenum	95-1	6.71	6.22	7.18	6.70	7.09	ppb
Molybdenum	96-1	6.86	6.57	7.03	6.82	3.42	ppb
Molybdenum	97-1	7.15	6.80	6.79	6.92	2.95	ppb
Molybdenum	98-1	6.86	6.90	7.02	6.93	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.72	50.53	51.12	51.12	1.16	ppb
Phosphorus	31-2	813.75	760.62	773.67	782.68	3.54	ppb
Potassium	39-2	4029.60	4024.33	3943.04	3998.99	1.21	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	77-2	30.19	21.45	19.29	23.64	24.39	ppb
Selenium	78-2	0.31	3.45	-0.22	1.18	168.24	ppb
Selenium	82-1	-2.80	-2.74	-1.29	-2.28		ppb
Silicon	28-1	10772.84	10653.88	10709.57	10712.10	0.56	ppb
Silver	109-1	0.73	0.78	0.81	0.77	4.93	ppb
Silver	107-1	0.84	0.75	0.79	0.80	5.36	ppb
Sodium	23-2	84489.17	83938.53	84273.71	84233.80	0.33	ppb
Strontium	86-1	252.17	249.48	254.90	252.18	1.08	ppb
Strontium	88-1	258.62	255.75	262.16	258.85	1.24	ppb
Sulfur	34-1	-1008.35	-1098.93	-592.41	-899.90		ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	0.20	0.20	0.26	0.22	15.07	ppb
Thallium	205-1	0.21	0.19	0.29	0.23	23.62	ppb
Tin	118-1	27.49	26.68	27.30	27.16	1.57	ppb
Titanium	47-1	785.13	781.04	789.92	785.36	0.57	ppb
Uranium	238-1	2.02	2.05	2.14	2.07	2.86	ppb
Vanadium	51-2	61.35	61.57	61.29	61.41	0.24	ppb
Yttrium	89-1				110		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LX5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:31:19	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				98		%
Zinc	66-2	1907.53	1941.97	1974.99	1941.50	1.74	ppb
Zirconium	90-1	1.55	1.43	1.54	1.51	4.37	ppb
Zirconium	91-1	1.62	1.66	1.46	1.58	6.69	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MS	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:34:07	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96452.45	95338.42	96993.13	96261.33	0.88	ppb
Antimony	121-1	300.89	302.75	298.57	300.74	0.70	ppb
Arsenic	75-2	503.86	498.82	507.16	503.28	0.83	ppb
Barium	135-1	6529.44	6730.70	6544.03	6601.39	1.70	ppb
Barium	137-1	6603.67	6728.90	6528.46	6620.34	1.53	ppb
Beryllium	9-1	290.17	275.09	264.82	276.69	4.61	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	11-1	468.47	503.91	526.68	499.69	5.87	ppb
Boron	10-1	468.77	502.42	519.55	496.91	5.20	ppb
Bromine	81-1						cps
Cadmium	106-1	465.51	482.30	458.72	468.84	2.59	ppb
Cadmium	108-1	478.25	478.21	467.34	474.60	1.33	ppb
Cadmium	111-1	470.54	481.95	472.29	474.93	1.29	ppb
Calcium	43-1	353302.38	358272.68	362259.13	357944.73	1.25	ppb
Calcium	44-1	355141.37	355298.45	357752.33	356064.05	0.41	ppb
Chromium	52-2	874.43	857.06	869.41	866.97	1.03	ppb
Cobalt	59-2	586.22	575.68	584.39	582.10	0.97	ppb
Copper	63-2	5067.90	4942.95	5040.08	5016.98	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				94		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	54-2	275341.60	269952.47	271974.21	272422.76	1.00	ppb
Iron	56-2	276903.69	269904.11	272109.15	272972.31	1.31	ppb
Iron	57-2	278452.95	270579.70	273315.81	274116.15	1.46	ppb
Krypton	83-1						cps
Lead	207-1	39456.61	40372.99	39395.39	39741.67	1.38	ppb
Lead	208-1	40405.72	41519.23	40226.45	40717.14	1.72	ppb
Lead	206-1	41677.67	42721.22	41484.75	41961.21	1.59	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MS	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:34:07	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				168		%
Magnesium	24-2	174497.48	171160.94	171384.94	172347.79	1.08	ppb
Manganese	55-2	8459.86	8407.71	8422.69	8430.09	0.32	ppb
Molybdenum	94-1	2060.22	2095.35	2116.81	2090.79	1.37	ppb
Molybdenum	95-1	2119.18	2147.32	2190.13	2152.21	1.66	ppb
Molybdenum	96-1	2152.73	2187.18	2175.39	2171.77	0.81	ppb
Molybdenum	97-1	2153.20	2173.01	2134.36	2153.52	0.90	ppb
Molybdenum	98-1	2155.19	2166.60	2140.03	2153.94	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	732.29	709.37	718.56	720.07	1.60	ppb
Phosphorus	31-2	3640.22	3722.83	3150.31	3504.45	8.83	ppb
Potassium	39-2	41877.70	40436.95	41501.32	41271.99	1.81	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	473.68	512.31	488.72	491.57	3.96	ppb
Selenium	78-2	393.11	394.53	401.50	396.38	1.13	ppb
Selenium	82-1	394.75	393.29	400.31	396.12	0.93	ppb
Silicon	28-1	50491.15	51144.40	50686.12	50773.89	0.66	ppb
Silver	109-1	474.77	491.95	469.94	478.89	2.42	ppb
Silver	107-1	470.94	470.65	468.99	470.19	0.22	ppb
Sodium	23-2	449153.76	442449.66	452907.79	448170.40	1.18	ppb
Strontium	86-1	1552.04	1561.84	1583.56	1565.81	1.03	ppb
Strontium	88-1	1567.92	1603.20	1598.19	1589.77	1.20	ppb
Sulfur	34-1	21925.72	19924.43	19381.96	20410.70	6.56	ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	445.78	464.77	456.16	455.57	2.09	ppb
Thallium	205-1	462.48	473.33	455.90	463.90	1.90	ppb
Tin	118-1	610.82	617.88	614.81	614.50	0.58	ppb
Titanium	47-1	6168.67	6133.38	6157.16	6153.07	0.29	ppb
Uranium	238-1	475.93	495.90	495.71	489.18	2.35	ppb
Vanadium	51-2	777.62	767.57	768.59	771.26	0.72	ppb
Yttrium	89-1				112		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MS	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:34:07	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	10049.22	9591.75	9761.21	9800.73	2.36	ppb
Zirconium	90-1	382.99	379.81	391.23	384.68	1.53	ppb
Zirconium	91-1	374.13	375.58	382.84	377.52	1.24	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSD	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:36:57	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93164.93	91948.96	93280.97	92798.29	0.80	ppb
Antimony	121-1	287.94	307.11	292.31	295.79	3.40	ppb
Arsenic	75-2	500.76	497.81	499.94	499.50	0.31	ppb
Barium	135-1	6252.98	6878.22	6487.49	6539.56	4.83	ppb
Barium	137-1	6281.45	6785.33	6441.95	6502.91	3.96	ppb
Beryllium	9-1	259.61	263.90	252.20	258.57	2.29	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	11-1	463.97	524.25	532.75	506.99	7.40	ppb
Boron	10-1	456.54	514.69	528.03	499.75	7.61	ppb
Bromine	81-1						cps
Cadmium	106-1	465.71	498.19	465.23	476.38	3.97	ppb
Cadmium	108-1	470.28	495.40	465.33	477.00	3.38	ppb
Cadmium	111-1	467.16	502.61	477.16	482.31	3.79	ppb
Calcium	43-1	351244.27	368303.65	369548.85	363032.25	2.82	ppb
Calcium	44-1	354170.15	370562.65	366304.63	363679.14	2.34	ppb
Chromium	52-2	871.44	864.22	850.43	862.03	1.24	ppb
Cobalt	59-2	588.52	590.12	585.19	587.95	0.43	ppb
Copper	63-2	5111.39	4995.20	4983.52	5030.04	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				102		%
Holmium	165-2				94		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	54-2	270399.88	267212.22	264085.55	267232.55	1.18	ppb
Iron	56-2	266353.71	266671.99	262626.53	265217.41	0.85	ppb
Iron	57-2	268642.08	270995.50	264501.40	268046.33	1.23	ppb
Krypton	83-1						cps
Lead	207-1	39727.59	42536.61	40926.24	41063.48	3.43	ppb
Lead	208-1	40911.64	43876.07	42075.12	42287.61	3.53	ppb
Lead	206-1	42203.48	45116.38	42961.41	43427.09	3.48	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSD	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:36:57	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				179		%
Magnesium	24-2	174758.27	176297.96	173967.10	175007.78	0.68	ppb
Manganese	55-2	8423.35	8486.06	8274.21	8394.54	1.30	ppb
Molybdenum	94-1	2045.76	2202.82	2111.75	2120.11	3.72	ppb
Molybdenum	95-1	2122.21	2278.28	2183.94	2194.81	3.58	ppb
Molybdenum	96-1	2110.81	2299.05	2178.29	2196.05	4.34	ppb
Molybdenum	97-1	2084.93	2260.67	2193.51	2179.70	4.07	ppb
Molybdenum	98-1	2098.59	2265.74	2187.12	2183.81	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	718.82	727.41	725.11	723.78	0.61	ppb
Phosphorus	31-2	3241.02	3050.55	2951.08	3080.89	4.78	ppb
Potassium	39-2	41136.92	42072.00	40482.92	41230.61	1.94	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	461.15	455.80	476.85	464.60	2.35	ppb
Selenium	78-2	392.33	381.12	414.42	395.96	4.28	ppb
Selenium	82-1	382.35	415.06	398.49	398.63	4.10	ppb
Silicon	28-1	45626.75	47779.24	47550.34	46985.44	2.52	ppb
Silver	109-1	468.51	497.03	460.22	475.25	4.06	ppb
Silver	107-1	456.97	507.78	457.91	474.22	6.13	ppb
Sodium	23-2	456081.39	458646.06	456023.58	456917.01	0.33	ppb
Strontium	86-1	1520.40	1653.29	1580.77	1584.82	4.20	ppb
Strontium	88-1	1546.67	1661.76	1594.59	1601.01	3.61	ppb
Sulfur	34-1	19842.65	21928.35	19908.87	20559.96	5.77	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	447.05	493.98	474.24	471.75	5.00	ppb
Thallium	205-1	468.27	497.52	480.76	482.18	3.04	ppb
Tin	118-1	604.57	637.81	603.37	615.25	3.18	ppb
Titanium	47-1	5895.03	6192.99	5985.36	6024.46	2.54	ppb
Uranium	238-1	489.92	522.86	507.17	506.65	3.25	ppb
Vanadium	51-2	768.21	765.63	757.88	763.91	0.70	ppb
Yttrium	89-1				111		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSD	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:36:57	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	9732.03	9731.34	9671.75	9711.70	0.36	ppb
Zirconium	90-1	371.69	399.58	382.07	384.45	3.67	ppb
Zirconium	91-1	364.59	389.10	376.01	376.57	3.26	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01A	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:39:45	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100202.94	98545.07	95811.45	98186.49	2.26	ppb
Antimony	121-1	295.31	302.73	302.84	300.29	1.44	ppb
Arsenic	75-2	501.07	495.78	499.18	498.68	0.54	ppb
Barium	135-1	6346.00	6532.30	6715.35	6531.22	2.83	ppb
Barium	137-1	6410.73	6529.17	6594.78	6511.56	1.43	ppb
Beryllium	9-1	265.47	262.22	254.67	260.79	2.13	ppb
Bismuth	209-1				110		%
Bismuth	209-2				90		%
Boron	11-1	489.22	549.88	561.56	533.55	7.28	ppb
Boron	10-1	486.98	543.75	560.65	530.46	7.28	ppb
Bromine	81-1						cps
Cadmium	106-1	468.63	454.29	460.11	461.01	1.56	ppb
Cadmium	108-1	460.16	479.36	467.48	469.00	2.07	ppb
Cadmium	111-1	466.17	472.78	481.59	473.51	1.63	ppb
Calcium	43-1	360664.62	365007.48	361897.29	362523.13	0.62	ppb
Calcium	44-1	360666.80	365469.33	366324.86	364153.67	0.84	ppb
Chromium	52-2	892.13	879.13	879.15	883.47	0.85	ppb
Cobalt	59-2	599.16	590.84	587.98	592.66	0.98	ppb
Copper	63-2	5160.03	5164.49	5101.02	5141.84	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				91		%
Indium	115-1				113		%
Indium	115-2				91		%
Iron	54-2	278337.29	272861.43	271692.86	274297.19	1.29	ppb
Iron	56-2	276628.54	272853.73	272116.39	273866.22	0.88	ppb
Iron	57-2	284268.99	277979.94	274626.97	278958.63	1.75	ppb
Krypton	83-1						cps
Lead	207-1	41293.70	42540.60	41993.91	41942.74	1.49	ppb
Lead	208-1	42400.17	43501.23	43523.57	43141.66	1.49	ppb
Lead	206-1	43826.95	44708.74	44427.07	44320.92	1.02	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01A	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:39:45	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				190		%
Magnesium	24-2	178001.14	176897.05	173998.82	176299.00	1.17	ppb
Manganese	55-2	8417.40	8418.35	8437.71	8424.49	0.14	ppb
Molybdenum	94-1	2082.30	2068.56	2150.31	2100.39	2.08	ppb
Molybdenum	95-1	2131.24	2139.08	2166.07	2145.46	0.85	ppb
Molybdenum	96-1	2148.32	2156.72	2191.13	2165.39	1.05	ppb
Molybdenum	97-1	2132.06	2121.11	2173.51	2142.23	1.29	ppb
Molybdenum	98-1	2129.54	2163.90	2147.66	2147.03	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	739.61	734.40	734.26	736.09	0.41	ppb
Phosphorus	31-2	3203.71	3479.85	3415.21	3366.26	4.29	ppb
Potassium	39-2	42147.73	41530.06	41156.20	41611.33	1.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				85		%
Scandium	45-1				106		%
Scandium	45-2				88		%
Selenium	77-2	439.68	483.64	532.87	485.40	9.60	ppb
Selenium	78-2	367.99	399.37	381.96	383.10	4.10	ppb
Selenium	82-1	386.33	392.29	396.32	391.65	1.28	ppb
Silicon	28-1	51618.34	52219.19	51899.04	51912.19	0.58	ppb
Silver	109-1	465.00	478.13	474.50	472.54	1.43	ppb
Silver	107-1	454.35	466.19	465.14	461.89	1.42	ppb
Sodium	23-2	469380.01	457722.25	453417.65	460173.30	1.79	ppb
Strontium	86-1	1571.86	1568.13	1589.87	1576.62	0.74	ppb
Strontium	88-1	1574.42	1569.76	1599.93	1581.37	1.03	ppb
Sulfur	34-1	18475.25	16953.27	18307.13	17911.88	4.66	ppb
Terbium	159-1				110		%
Terbium	159-2				91		%
Thallium	203-1	472.15	481.14	479.16	477.48	0.99	ppb
Thallium	205-1	491.28	501.65	488.50	493.81	1.40	ppb
Tin	118-1	596.06	613.69	603.15	604.30	1.47	ppb
Titanium	47-1	6264.25	6221.68	6426.68	6304.20	1.72	ppb
Uranium	238-1	508.76	523.00	523.90	518.56	1.64	ppb
Vanadium	51-2	787.92	775.14	771.48	778.18	1.11	ppb
Yttrium	89-1				121		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01A	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:39:45	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				97		%
Zinc	66-2	9995.10	9863.36	9781.29	9879.91	1.09	ppb
Zirconium	90-1	381.16	385.20	392.19	386.18	1.45	ppb
Zirconium	91-1	373.71	375.58	389.88	379.73	2.33	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:42:36	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100562.07	100302.05	98881.84	99915.32	0.91	ppb
Antimony	121-1	13.19	12.91	13.12	13.07	1.10	ppb
Arsenic	75-2	81.05	78.46	78.01	79.17	2.07	ppb
Barium	135-1	5669.74	5660.81	5634.61	5655.05	0.32	ppb
Barium	137-1	5602.60	5651.38	5727.10	5660.36	1.11	ppb
Beryllium	9-1	3.34	3.24	3.29	3.29	1.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				94		%
Boron	11-1	259.02	259.04	271.15	263.07	2.66	ppb
Boron	10-1	251.69	258.93	272.71	261.11	4.09	ppb
Bromine	81-1						cps
Cadmium	106-1	18.27	16.90	20.38	18.52	9.47	ppb
Cadmium	108-1	15.12	16.40	15.27	15.60	4.48	ppb
Cadmium	111-1	15.23	15.28	15.36	15.29	0.43	ppb
Calcium	43-1	324381.27	336946.98	331958.84	331095.69	1.91	ppb
Calcium	44-1	328282.33	339240.97	332723.37	333415.56	1.65	ppb
Chromium	52-2	516.63	522.78	514.97	518.13	0.79	ppb
Cobalt	59-2	136.38	136.14	135.62	136.05	0.29	ppb
Copper	63-2	4543.09	4527.69	4584.50	4551.76	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				104		%
Holmium	165-2				97		%
Indium	115-1				106		%
Indium	115-2				93		%
Iron	54-2	335346.78	333542.95	331346.10	333411.94	0.60	ppb
Iron	56-2	334529.08	332192.07	327446.05	331389.07	1.09	ppb
Iron	57-2	336883.05	331641.15	337547.07	335357.09	0.96	ppb
Krypton	83-1						cps
Lead	207-1	40471.36	39310.35	39469.95	39750.55	1.58	ppb
Lead	208-1	41601.90	40559.46	40467.18	40876.18	1.54	ppb
Lead	206-1	42596.40	41661.91	41764.90	42007.74	1.22	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:42:36	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				181		%
Magnesium	24-2	146426.22	143715.05	140832.00	143657.76	1.95	ppb
Manganese	55-2	8794.01	8685.70	8569.18	8682.96	1.29	ppb
Molybdenum	94-1	40.22	39.82	39.96	40.00	0.51	ppb
Molybdenum	95-1	35.67	36.53	35.48	35.89	1.55	ppb
Molybdenum	96-1	36.35	36.33	37.11	36.60	1.22	ppb
Molybdenum	97-1	35.31	36.14	35.25	35.57	1.40	ppb
Molybdenum	98-1	35.91	36.25	35.97	36.04	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	306.39	304.91	307.82	306.37	0.48	ppb
Phosphorus	31-2	5630.03	5538.02	5338.26	5502.10	2.71	ppb
Potassium	39-2	23336.64	23711.64	23036.43	23361.57	1.45	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				103		%
Scandium	45-2				92		%
Selenium	77-2	178.25	102.58	124.38	135.07	28.84	ppb
Selenium	78-2	12.35	11.65	14.55	12.85	11.76	ppb
Selenium	82-1	3.43	3.51	1.69	2.88	35.75	ppb
Silicon	28-1	53009.25	53560.68	53446.60	53338.84	0.55	ppb
Silver	109-1	3.16	3.13	3.22	3.17	1.44	ppb
Silver	107-1	3.04	3.30	3.20	3.18	4.07	ppb
Sodium	23-2	410572.40	409575.76	397279.60	405809.25	1.82	ppb
Strontium	86-1	1151.89	1175.65	1172.28	1166.61	1.10	ppb
Strontium	88-1	1173.41	1185.20	1216.18	1191.60	1.85	ppb
Sulfur	34-1	19118.32	18662.67	18113.03	18631.34	2.70	ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	2.14	1.97	1.98	2.03	4.81	ppb
Thallium	205-1	2.17	2.13	2.09	2.13	1.87	ppb
Tin	118-1	168.68	171.82	170.37	170.29	0.92	ppb
Titanium	47-1	5284.37	5364.73	5346.73	5331.95	0.79	ppb
Uranium	238-1	13.37	13.05	12.90	13.10	1.81	ppb
Vanadium	51-2	391.15	387.95	386.67	388.59	0.59	ppb
Yttrium	89-1				118		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:42:36	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	10541.81	10624.09	10614.66	10593.52	0.43	ppb
Zirconium	90-1	9.96	10.09	10.01	10.02	0.68	ppb
Zirconium	91-1	9.61	9.76	9.89	9.75	1.40	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:55:23	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50762.00	50100.01	50520.44	50460.82	0.66	ppb
Antimony	121-1	505.04	513.93	511.97	510.32	0.92	ppb
Arsenic	75-2	497.43	488.87	507.76	498.02	1.90	ppb
Barium	135-1	2375.77	2423.41	2433.95	2411.04	1.29	ppb
Barium	137-1	2458.77	2468.37	2461.46	2462.87	0.20	ppb
Beryllium	9-1	529.39	531.37	534.32	531.70	0.47	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	11-1	456.08	516.65	560.28	511.00	10.24	ppb
Boron	10-1	460.48	526.94	559.86	515.76	9.82	ppb
Bromine	81-1						cps
Cadmium	106-1	465.31	473.54	464.47	467.77	1.07	ppb
Cadmium	108-1	471.30	469.95	485.57	475.60	1.82	ppb
Cadmium	111-1	467.13	475.26	470.87	471.08	0.86	ppb
Calcium	43-1	242407.34	240514.17	243433.89	242118.47	0.61	ppb
Calcium	44-1	242047.17	243291.03	243321.15	242886.45	0.30	ppb
Chromium	52-2	524.66	506.89	521.18	517.58	1.82	ppb
Cobalt	59-2	510.83	500.48	505.30	505.54	1.02	ppb
Copper	63-2	5135.12	5079.13	5155.47	5123.24	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	54-2	128394.12	125659.62	127618.53	127224.09	1.11	ppb
Iron	56-2	125606.18	124822.34	125272.70	125233.74	0.31	ppb
Iron	57-2	129220.32	129969.51	127458.00	128882.61	1.00	ppb
Krypton	83-1						cps
Lead	207-1	2449.96	2520.16	2505.80	2491.97	1.49	ppb
Lead	208-1	2458.51	2496.60	2493.82	2482.98	0.86	ppb
Lead	206-1	2469.28	2510.16	2495.73	2491.72	0.83	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:55:23	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	261113.50	252619.47	258891.93	257541.64	1.71	ppb
Manganese	55-2	5092.12	5101.47	5104.69	5099.42	0.13	ppb
Molybdenum	94-1	2485.32	2432.86	2483.62	2467.27	1.21	ppb
Molybdenum	95-1	2518.97	2465.06	2506.77	2496.93	1.13	ppb
Molybdenum	96-1	2487.61	2499.71	2510.28	2499.20	0.45	ppb
Molybdenum	97-1	2474.49	2462.24	2518.86	2485.20	1.20	ppb
Molybdenum	98-1	2481.14	2454.69	2505.52	2480.45	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.44	503.58	510.07	510.70	1.46	ppb
Phosphorus	31-2	9918.41	9486.42	9418.76	9607.86	2.82	ppb
Potassium	39-2	121190.78	122375.53	123824.81	122463.70	1.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	77-2	493.04	467.38	433.11	464.51	6.47	ppb
Selenium	78-2	485.44	482.57	479.52	482.51	0.61	ppb
Selenium	82-1	474.43	471.98	478.30	474.90	0.67	ppb
Silicon	28-1	523.88	583.17	610.33	572.46	7.72	ppb
Silver	109-1	477.29	479.90	484.00	480.40	0.70	ppb
Silver	107-1	471.18	476.57	479.21	475.65	0.86	ppb
Sodium	23-2	259781.84	252876.38	257389.81	256682.67	1.37	ppb
Strontium	86-1	485.63	476.52	486.09	482.75	1.12	ppb
Strontium	88-1	492.35	492.68	502.73	495.92	1.19	ppb
Sulfur	34-1	8453.09	8756.29	7848.75	8352.71	5.53	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	482.93	492.61	483.59	486.38	1.11	ppb
Thallium	205-1	491.37	499.67	500.00	497.02	0.98	ppb
Tin	118-1	472.25	483.10	480.68	478.68	1.19	ppb
Titanium	47-1	2407.69	2468.59	2440.29	2438.86	1.25	ppb
Uranium	238-1	503.41	506.43	503.51	504.45	0.34	ppb
Vanadium	51-2	516.25	501.33	509.95	509.18	1.47	ppb
Yttrium	89-1				106		%

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:55:23	DataFile Name :	053CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	4981.07	4887.64	4940.86	4936.52	0.95	ppb
Zirconium	90-1	499.48	489.57	499.57	496.21	1.16	ppb
Zirconium	91-1	483.24	481.44	492.37	485.68	1.21	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 18:15:02	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	-2.28	-0.76	-0.84		ppb
Antimony	121-1	0.02	0.01	0.02	0.02	27.65	ppb
Arsenic	75-2	-0.02	0.04	-0.02	0.00	2619.71	ppb
Barium	135-1	0.00	0.05	0.01	0.02	139.13	ppb
Barium	137-1	0.03	0.01	0.03	0.02	42.01	ppb
Beryllium	9-1	0.04	0.02	0.05	0.04	41.61	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	11-1	24.30	25.76	25.01	25.02	2.93	ppb
Boron	10-1	24.79	25.83	22.68	24.43	6.58	ppb
Bromine	81-1						cps
Cadmium	106-1	-1.73	-0.91	-2.04	-1.56		ppb
Cadmium	108-1	-0.15	-0.01	0.06	-0.03		ppb
Cadmium	111-1	-0.11	-0.06	-0.15	-0.10		ppb
Calcium	43-1	11.31	-1.75	-1.06	2.83	259.71	ppb
Calcium	44-1	-13.36	-11.11	-12.80	-12.42		ppb
Chromium	52-2	-0.03	-0.03	-0.08	-0.04		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.43	0.29	0.27	0.33	27.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	54-2	-1.05	0.56	0.18	-0.10		ppb
Iron	56-2	0.36	0.50	0.18	0.35	47.19	ppb
Iron	57-2	1.77	2.23	-0.94	1.02	168.05	ppb
Krypton	83-1						cps
Lead	207-1	3.29	3.26	3.40	3.31	2.29	ppb
Lead	208-1	3.47	3.45	3.54	3.49	1.32	ppb
Lead	206-1	3.71	3.59	3.73	3.68	2.08	ppb

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 18:15:02	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				109		%
Magnesium	24-2	0.74	0.93	-0.18	0.50	119.52	ppb
Manganese	55-2	0.05	-0.04	-0.06	-0.02		ppb
Molybdenum	94-1	0.00	-0.04	-0.02	-0.02		ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	92.18	ppb
Molybdenum	96-1	0.00	-0.02	-0.04	-0.02		ppb
Molybdenum	97-1	0.02	0.00	0.01	0.01	107.88	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	59.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.02	0.00		ppb
Phosphorus	31-2	-46.91	-59.18	-52.04	-52.71		ppb
Potassium	39-2	25.63	-15.19	-22.75	-4.10		ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	77-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	78-2	-0.86	-0.38	-0.80	-0.68		ppb
Selenium	82-1	-0.06	-0.36	-4.37	-1.59		ppb
Silicon	28-1	-40.84	-43.63	-43.04	-42.50		ppb
Silver	109-1	0.02	0.02	0.04	0.03	46.32	ppb
Silver	107-1	0.03	0.03	0.03	0.03	10.40	ppb
Sodium	23-2	39.39	41.52	32.68	37.86	12.19	ppb
Strontium	86-1	0.01	-0.01	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1708.74	-2086.08	-2861.36	-2218.72		ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.02	-0.01		ppb
Tin	118-1	0.02	0.01	-0.01	0.01	164.01	ppb
Titanium	47-1	-0.08	-0.27	-0.38	-0.24		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.00	0.00	0.01	159.33	ppb
Yttrium	89-1				105		%

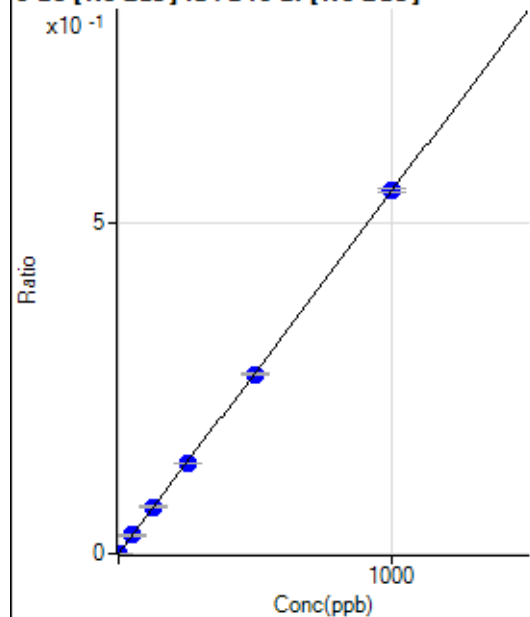
LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 18:15:02	DataFile Name :	056CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				96		%
Zinc	66-2	0.96	0.66	0.97	0.86	20.62	ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	-0.02	-0.03	0.00	-0.02		ppb

Calibration for 002CALB.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8041420 MS.b\
 Analysis File: P8041420 MS.batch.bin
 DA Date-Time: 2020-04-15 00:50:41
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	002CALB.d	S00	2020-04-14 14:47:22
2	005CALS.d	S02	2020-04-14 14:56:36
3	006CALS.d	S03	2020-04-14 14:59:38
4	007CALS.d	S04	2020-04-14 15:02:37
5	008CALS.d	S05	2020-04-14 15:05:37
6	009CALS.d	S06	2020-04-14 15:08:35
7	010CALS.d	S07	2020-04-14 15:11:36
8	011CALS.d	S08	2020-04-14 15:14:34

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.99	0.0000	P	38.5
2	☐	1.000	0.995	602.56	0.0006	P	5.9
3	☐	50.000	50.407	29184.27	0.0277	P	1.9
4	☐	125.000	128.796	73506.86	0.0708	P	3.5
5	☐	250.000	249.961	147103.24	0.1373	P	0.0
6	☐	500.000	496.092	296915.75	0.2725	P	0.9
7	☐	1000.000	1001.469	583458.73	0.5500	P	1.2
8	☐			159.97	0.0002	P	10.9

$$y = 5.4920\text{E-}004 * x + 3.2189\text{E-}005$$

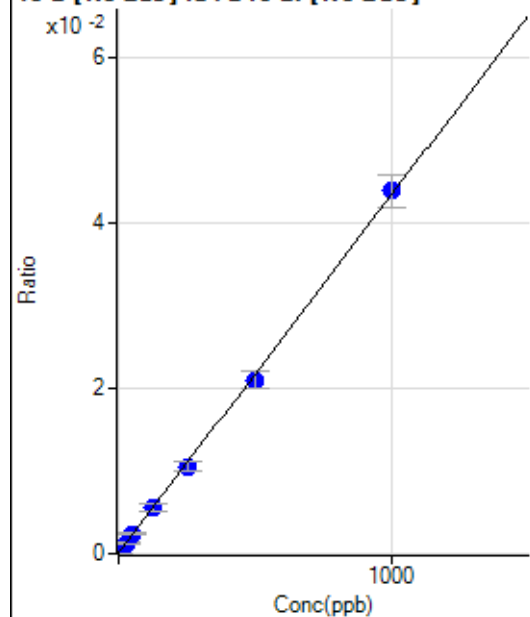
$$R = 1.0000$$

$$DL = 0.06764$$

$$BEC = 0.05861$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	85.98	0.0001	P	11.2
2	☐	25.000	26.849	1303.14	0.0013	P	8.6
3	☐	50.000	52.056	2470.40	0.0023	P	9.5
4	☐	125.000	124.558	5688.01	0.0055	P	16.4
5	☐	250.000	241.351	11312.14	0.0106	P	10.6
6	☐	500.000	482.642	22920.01	0.0210	P	10.0
7	☐	1000.000	1010.748	46623.81	0.0439	P	9.1
8	☐			8351.41	0.0079	P	10.0

$$y = 4.3387\text{E-}005 * x + 8.5531\text{E-}005$$

$$R = 0.9997$$

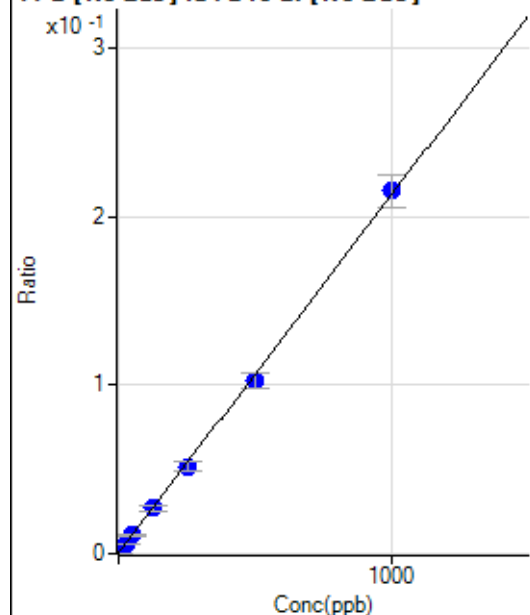
$$DL = 0.6614$$

$$BEC = 1.971$$

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	338.60	0.0003	P	7.1
2	☐	25.000	26.082	6125.42	0.0059	P	9.9
3	☐	50.000	50.185	11590.97	0.0110	P	7.3
4	☐	125.000	125.429	27975.12	0.0270	P	14.2
5	☐	250.000	242.288	55525.18	0.0518	P	11.4
6	☐	500.000	481.595	111909.06	0.1027	P	8.8
7	☐	1000.000	1011.041	228281.01	0.2152	P	9.3
8	☐			40592.58	0.0386	P	9.7

$$y = 2.1248\text{E-}004 * x + 3.3707\text{E-}004$$

$$R = 0.9997$$

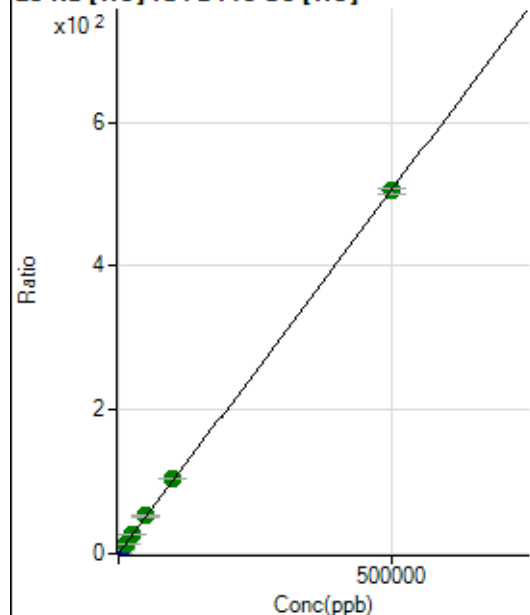
$$DL = 0.3399$$

$$BEC = 1.586$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16195.39	0.1748	P	1.2
2	☐	500.000	538.993	65960.57	0.7193	P	4.0
3	☐	5000.000	5452.510	515050.55	5.6826	P	5.8
4	☐	12500.000	13204.511	1265518.63	13.5132	A	1.0
5	☐	25000.000	26248.737	2503183.93	26.6898	A	1.1
6	☐	50000.000	52208.645	4850960.27	52.9130	A	4.1
7	☐	100000.00	103112.47	9656106.73	104.3331	A	0.5
8	☐	500000.00	499072.02	45729672.90	504.3089	A	1.3

$$y = 0.0010 * x + 0.1748$$

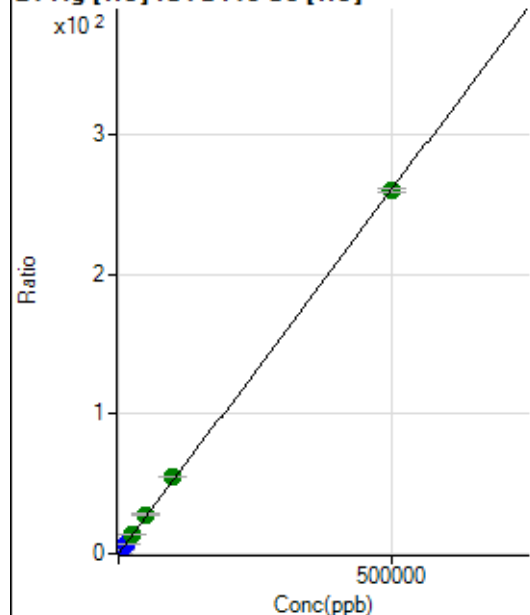
$$R = 1.0000$$

$$DL = 6.137$$

$$BEC = 173$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	208.34	0.0023	P	28.4
2	☐	500.000	536.275	25854.10	0.2819	P	4.0
3	☐	5000.000	5592.388	264337.84	2.9184	P	7.4
4	☐	12500.000	13567.440	662767.61	7.0770	P	1.3
5	☐	25000.000	26823.363	1311961.75	13.9893	A	1.9
6	☐	50000.000	53590.754	2562055.68	27.9471	A	4.4
7	☐	100000.00	105493.32	5091418.47	55.0117	A	0.7
8	☐	500000.00	498418.44	23567342.72	259.9022	A	1.1

$$y = 5.2145\text{E-}004 * x + 0.0023$$

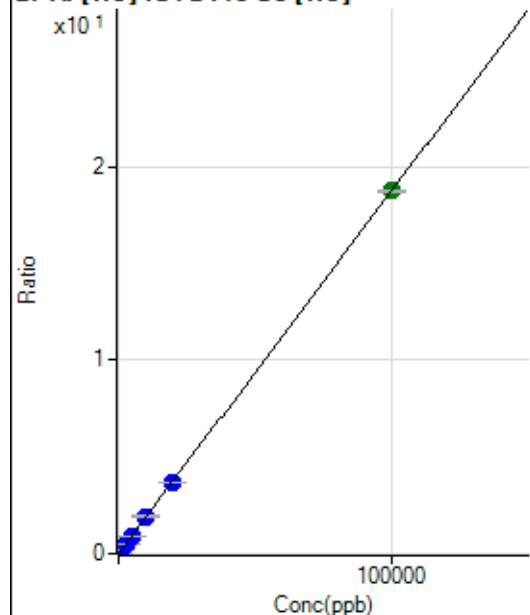
$$R = 0.9999$$

$$DL = 3.675$$

$$BEC = 4.315$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	291.12	0.0031	P	10.0
2	☐	20.000	20.654	643.35	0.0070	P	4.9
3	☐	1000.000	1046.634	18065.78	0.1993	P	5.8
4	☐	2500.000	2480.814	43844.79	0.4682	P	0.7
5	☐	5000.000	4911.820	86645.13	0.9238	P	1.4
6	☐	10000.000	10105.373	173866.92	1.8973	P	5.6
7	☐	20000.000	19753.275	342960.94	3.7058	P	0.4
8	☐	100000.00	100043.23	1700761.71	18.7557	A	0.8

$$y = 1.8744\text{E-}004 * x + 0.0031$$

$$R = 1.0000$$

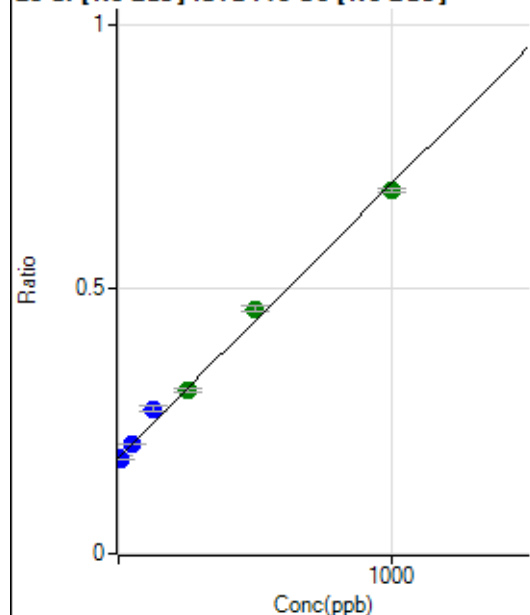
$$DL = 5.053$$

$$BEC = 16.77$$

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	478324.83	0.1817	P	4.5
2	☐	10.000	-6.977	495287.77	0.1781	P	0.2
3	☐	50.000	49.918	582150.04	0.2075	P	0.3
4	☐	125.000	176.908	747824.41	0.2732	P	3.6
5	☐	250.000	245.162	876159.61	0.3085	A	3.1
6	☐	500.000	541.580	1292109.61	0.4618	A	2.5
7	☐	1000.000	974.105	1923760.52	0.6856	A	1.2
8	☐			617145.13	0.2245	P	1.5

$$y = 5.1725\text{E-}004 * x + 0.1817$$

R = 0.9968

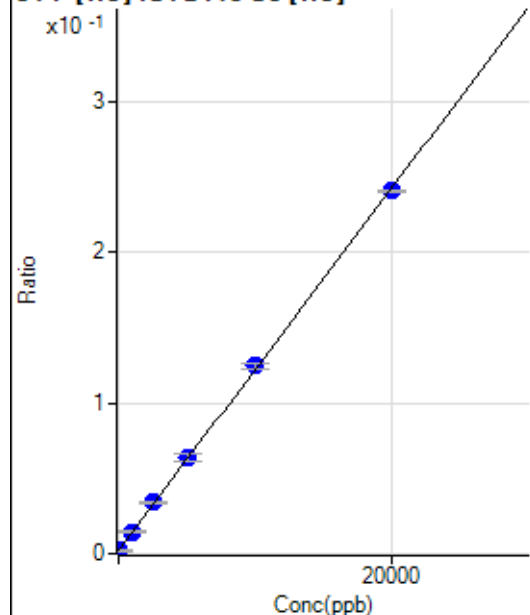
DL = 47.86

BEC = 351.3

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-19.698	175.01	0.0019	P	4.9
2	☐	0.000	19.698	216.68	0.0024	P	41.2
3	☐	1000.000	994.763	1275.10	0.0141	P	9.3
4	☐	2500.000	2661.178	3194.88	0.0341	P	3.8
5	☐	5000.000	5111.310	5962.49	0.0636	P	7.5
6	☐	10000.000	10182.116	11415.87	0.1245	P	3.5
7	☐	20000.000	19861.229	22289.81	0.2408	P	0.8
8	☐			188.89	0.0021	P	9.3

$$y = 1.2019\text{E-}005 * x + 0.0021$$

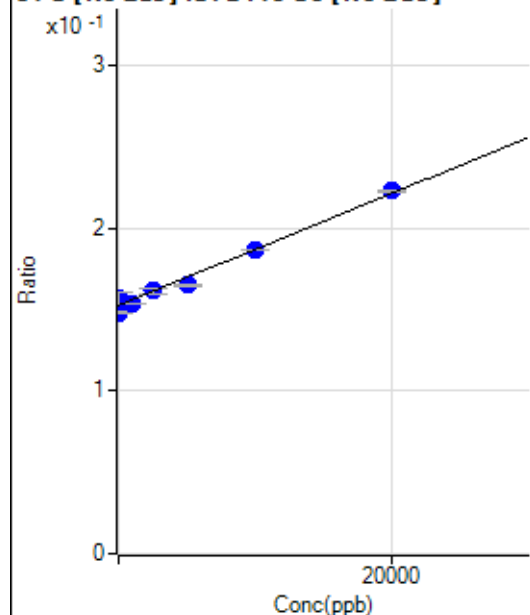
R = 0.9999

DL = 133.1

BEC = 176.9

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	1283.524	413972.05	0.1572	P	4.1
2	☐	0.000	-1283.524	412692.88	0.1484	P	0.3
3	☐	1000.000	120.917	429860.28	0.1532	P	0.1
4	☐	2500.000	2633.092	443222.72	0.1619	P	2.1
5	☐	5000.000	3683.976	470073.12	0.1655	P	0.7
6	☐	10000.000	9853.757	522539.38	0.1868	P	0.1
7	☐	20000.000	20429.445	626272.79	0.2232	P	0.8
8	☐			396899.14	0.1444	P	1.6

$$y = 3.4438\text{E-}006 * x + 0.1528$$

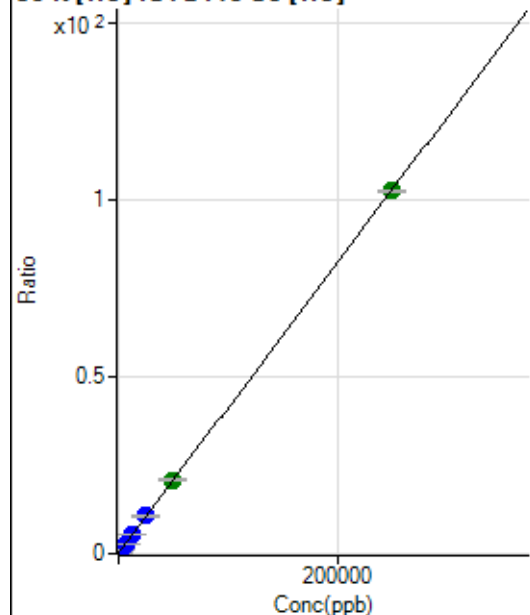
$$R = 0.9923$$

$$DL = 3004$$

$$BEC = 4.438\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15786.77	0.1704	P	1.5
2	☐	500.000	525.447	35354.95	0.3855	P	4.1
3	☐	2500.000	2642.732	113528.27	1.2525	P	5.5
4	☐	6250.000	6470.238	264073.25	2.8197	P	0.9
5	☐	12500.000	12781.065	506807.67	5.4037	P	1.2
6	☐	25000.000	25764.268	982650.80	10.7198	P	4.6
7	☐	50000.000	50582.222	1932551.02	20.8818	A	0.6
8	☐	250000.00	249786.09	9289914.62	102.4480	A	0.8

$$y = 4.0946\text{E-}004 * x + 0.1704$$

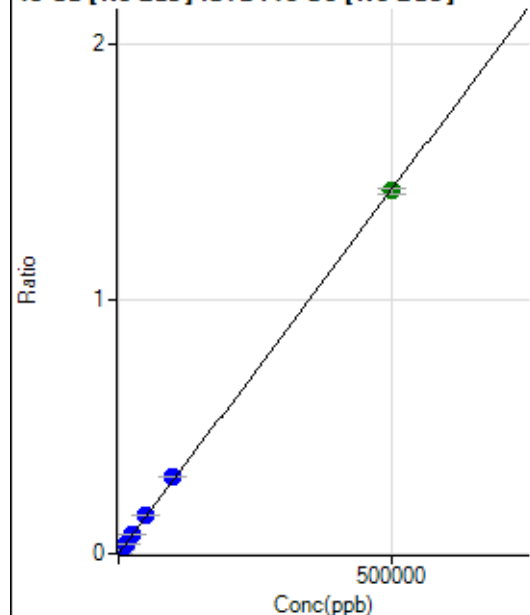
$$R = 1.0000$$

$$DL = 18.79$$

$$BEC = 416.1$$

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	266.68	0.0001	P	34.3
2	☐	500.000	512.879	4359.11	0.0016	P	5.8
3	☐	5000.000	5250.646	42385.31	0.0151	P	2.3
4	☐	12500.000	13487.495	105779.84	0.0387	P	4.5
5	☐	25000.000	25982.453	211206.81	0.0744	P	1.4
6	☐	50000.000	53360.824	427008.53	0.1526	P	0.6
7	☐	100000.00	105647.12	847608.11	0.3021	P	1.2
8	☐	500000.00	498458.16	3916509.68	1.4248	A	1.8

$$y = 2.8582E-006 * x + 1.0190E-004$$

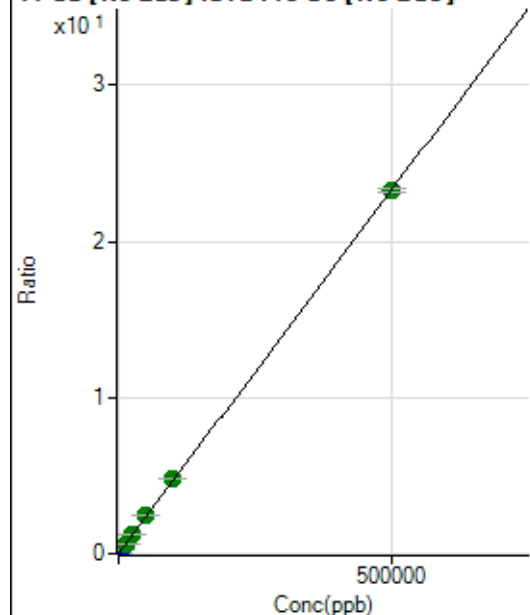
$$R = 0.9999$$

$$DL = 36.71$$

$$BEC = 35.65$$

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	17967.23	0.0068	P	2.6
2	☐	500.000	520.566	86314.24	0.0310	P	2.6
3	☐	5000.000	5367.410	719576.91	0.2565	P	1.8
4	☐	12500.000	13417.278	1727210.06	0.6310	A	3.7
5	☐	25000.000	25790.971	3427171.78	1.2067	A	1.1
6	☐	50000.000	51921.897	6777374.85	2.4224	A	1.7
7	☐	100000.00	103466.16	13526807.08	4.8205	A	0.9
8	☐	500000.00	499048.40	63847534.76	23.2244	A	1.0

$$y = 4.6524E-005 * x + 0.0068$$

$$R = 1.0000$$

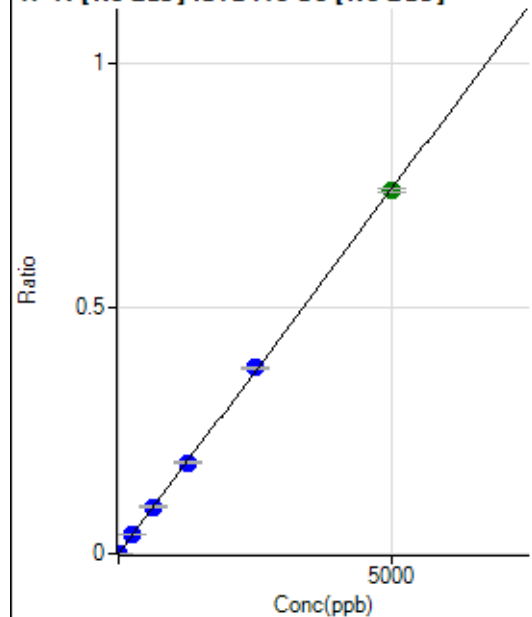
$$DL = 11.25$$

$$BEC = 146.6$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	352.79	0.0001	P	10.2
2	☐	5.000	5.641	2700.32	0.0010	P	7.0
3	☐	250.000	251.661	105123.01	0.0375	P	0.3
4	☐	625.000	644.551	262173.37	0.0958	P	2.8
5	☐	1250.000	1246.435	525638.98	0.1851	P	1.2
6	☐	2500.000	2544.917	1056875.06	0.3778	P	1.2
7	☐	5000.000	4975.905	2072369.64	0.7385	A	1.1
8	☐			636.14	0.0002	P	11.9

$$y = 1.4838\text{E-}004 * x + 1.3418\text{E-}004$$

$$R = 0.9999$$

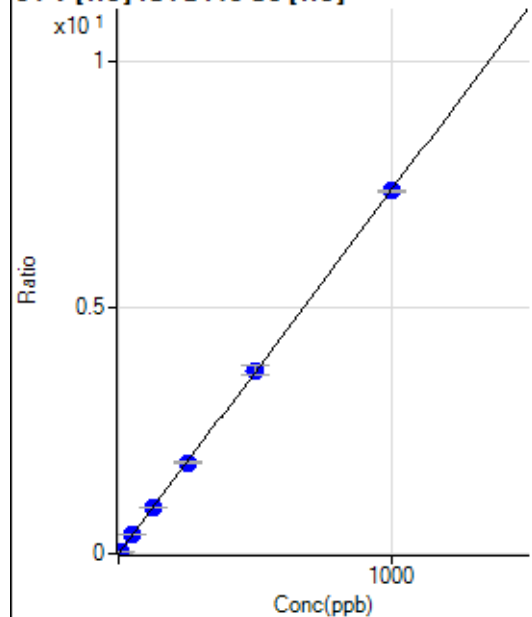
$$DL = 0.2766$$

$$BEC = 0.9043$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10.00	0.0001	P	88.5
2	☐	5.000	5.393	3661.62	0.0400	P	7.1
3	☐	50.000	52.058	34889.21	0.3847	P	3.9
4	☐	125.000	126.452	87490.82	0.9342	P	0.7
5	☐	250.000	249.412	172804.16	1.8425	P	1.6
6	☐	500.000	503.819	341109.54	3.7219	P	5.0
7	☐	1000.000	997.951	682255.77	7.3721	P	0.7
8	☐			248.89	0.0027	P	7.0

$$y = 0.0074 * x + 1.0817\text{E-}004$$

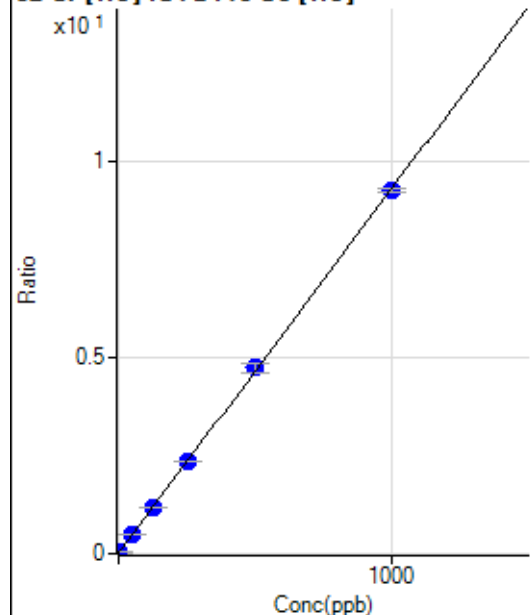
$$R = 1.0000$$

$$DL = 0.03887$$

$$BEC = 0.01464$$

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	1255.62	0.0135	P	6.3
2	☐	2.000	1.996	2942.56	0.0321	P	1.2
3	☐	50.000	51.978	44894.70	0.4953	P	5.8
4	☐	125.000	126.818	111356.79	1.1891	P	0.5
5	☐	250.000	252.157	220478.65	2.3508	P	1.2
6	☐	500.000	508.925	433523.35	4.7309	P	5.5
7	☐	1000.000	994.672	854511.61	9.2334	P	0.9
8	☐			25446.59	0.2806	P	1.8

$$y = 0.0093 * x + 0.0135$$

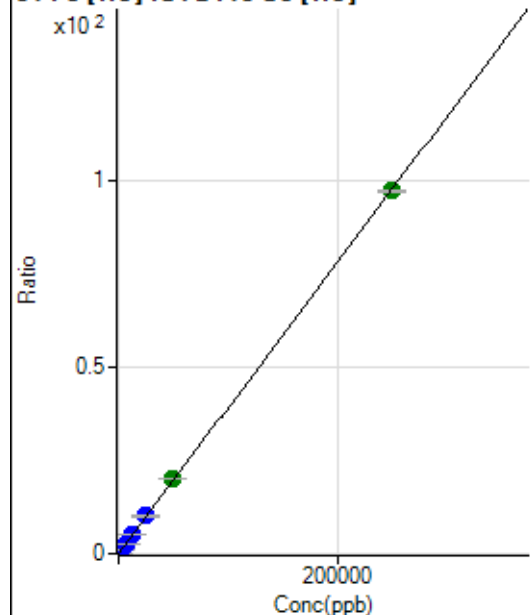
$$R = 0.9999$$

$$DL = 0.2758$$

$$BEC = 1.462$$

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	381.49	0.0041	P	8.8
2	☐	50.000	54.973	2342.82	0.0255	P	4.2
3	☐	2500.000	2691.539	95432.98	1.0532	P	6.2
4	☐	6250.000	6612.865	241768.46	2.5815	P	0.8
5	☐	12500.000	13089.453	478886.55	5.1058	P	0.3
6	☐	25000.000	26309.054	940079.13	10.2583	P	5.4
7	☐	50000.000	52084.973	1879198.33	20.3046	A	0.3
8	☐	250000.00	249411.63	8815501.01	97.2141	A	0.4

$$y = 3.8976E-004 * x + 0.0041$$

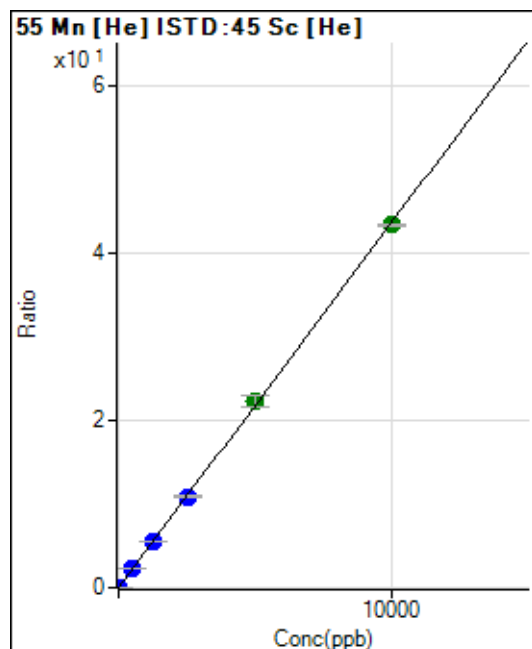
$$R = 1.0000$$

$$DL = 2.8$$

$$BEC = 10.57$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.55	0.0008	P	21.1
2	☐	1.000	1.089	508.90	0.0056	P	16.0
3	☐	500.000	521.131	205865.69	2.2718	P	6.2
4	☐	1250.000	1259.733	514201.27	5.4905	P	0.2
5	☐	2500.000	2497.093	1020664.57	10.8827	P	1.4
6	☐	5000.000	5115.486	2042141.83	22.2933	A	6.6
7	☐	10000.000	9940.711	4009280.91	43.3208	A	0.5
8	☐			6126.93	0.0676	P	2.2

$$y = 0.0044 * x + 8.1573E-004$$

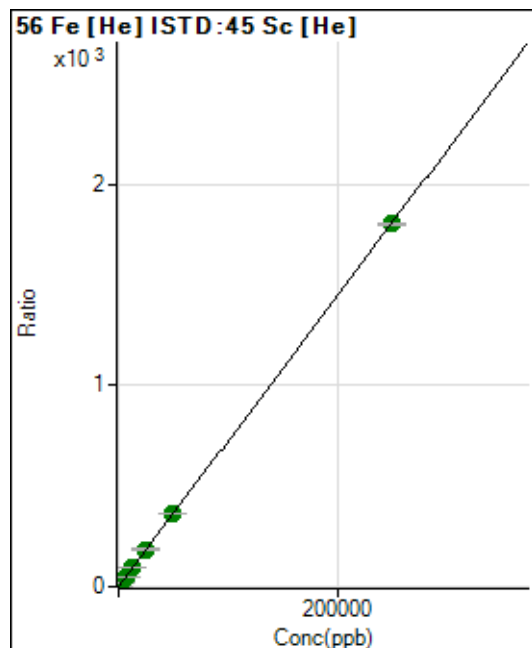
$$R = 0.9999$$

$$DL = 0.1187$$

$$BEC = 0.1872$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2165.02	0.0234	P	0.7
2	☐	50.000	55.511	38875.23	0.4239	P	3.5
3	☐	2500.000	2682.850	1756712.54	19.3793	A	5.4
4	☐	6250.000	6474.695	4376930.69	46.7363	A	0.6
5	☐	12500.000	12694.519	8591968.36	91.6105	A	1.2
6	☐	25000.000	25722.722	17008815.31	185.6050	A	5.7
7	☐	50000.000	50432.826	33676448.21	363.8809	A	0.3
8	☐	250000.00	249823.99	163443636.9	1,802.427	A	0.3

$$y = 0.0072 * x + 0.0234$$

$$R = 1.0000$$

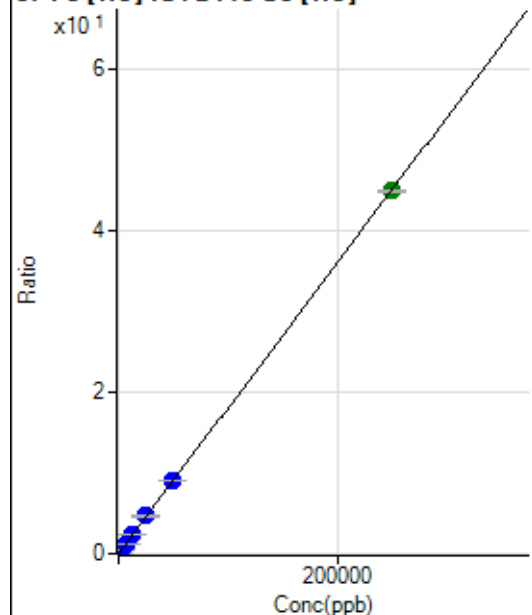
$$DL = 0.07256$$

$$BEC = 3.239$$

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	85.19	0.0009	P	35.8
2	☐	50.000	55.349	996.35	0.0109	P	2.6
3	☐	2500.000	2646.054	43137.59	0.4761	P	6.6
4	☐	6250.000	6482.975	109119.08	1.1651	P	0.2
5	☐	12500.000	12868.616	216828.63	2.3119	P	0.9
6	☐	25000.000	25851.842	425534.80	4.6434	P	5.4
7	☐	50000.000	50701.704	842723.91	9.1060	P	0.9
8	☐	250000.00	249748.75	4067038.52	44.8510	A	0.9

$$y = 1.7958\text{E-}004 * x + 9.1906\text{E-}004$$

$$R = 1.0000$$

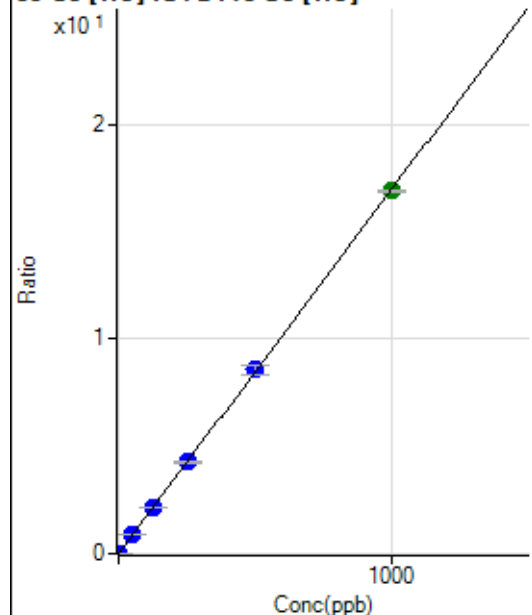
$$DL = 5.494$$

$$BEC = 5.118$$

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	45.55	0.0005	P	15.6
2	☐	1.000	0.991	1586.77	0.0173	P	6.8
3	☐	50.000	52.412	80643.20	0.8900	P	6.5
4	☐	125.000	126.823	201629.71	2.1529	P	0.7
5	☐	250.000	251.246	399964.82	4.2646	P	1.3
6	☐	500.000	505.667	786652.09	8.5827	P	4.9
7	☐	1000.000	996.506	1565263.59	16.9132	A	0.7
8	☐			2828.09	0.0312	P	4.5

$$y = 0.0170 * x + 4.9185\text{E-}004$$

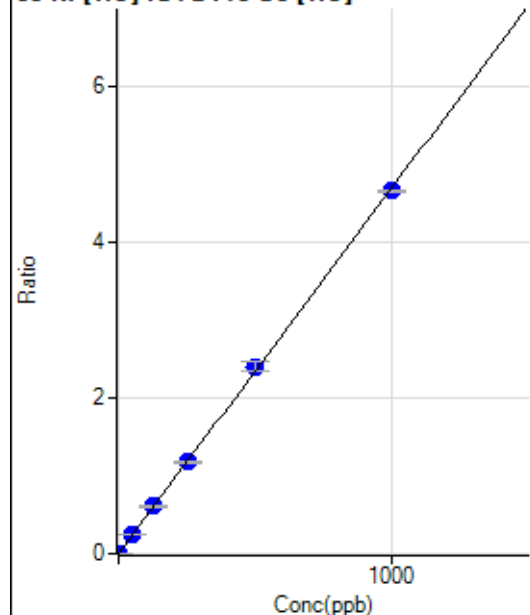
$$R = 1.0000$$

$$DL = 0.01359$$

$$BEC = 0.02898$$

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	77.78	0.0008	P	12.8
2	☐	1.000	1.161	575.57	0.0063	P	17.9
3	☐	50.000	52.346	22337.63	0.2465	P	6.4
4	☐	125.000	128.860	56718.04	0.6056	P	1.1
5	☐	250.000	250.626	110395.24	1.1772	P	2.2
6	☐	500.000	512.193	220364.67	2.4048	P	5.6
7	☐	1000.000	993.147	431472.41	4.6622	P	0.8
8	☐			8222.45	0.0907	P	0.8

$$y = 0.0047 * x + 8.3975E-004$$

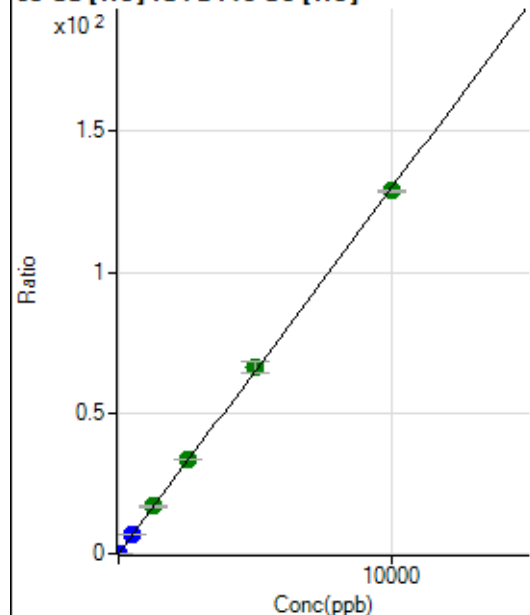
$$R = 0.9999$$

$$DL = 0.0686$$

$$BEC = 0.1789$$

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	343.34	0.0037	P	3.1
2	☐	2.000	2.075	2812.53	0.0306	P	1.1
3	☐	500.000	534.030	628739.99	6.9389	P	6.4
4	☐	1250.000	1295.508	1575928.29	16.8279	A	1.9
5	☐	2500.000	2565.037	3124579.99	33.3147	A	0.8
6	☐	5000.000	5099.648	6069365.74	66.2306	A	5.5
7	☐	10000.000	9926.527	11930751.49	128.9152	A	0.5
8	☐			8687.18	0.0958	P	1.0

$$y = 0.0130 * x + 0.0037$$

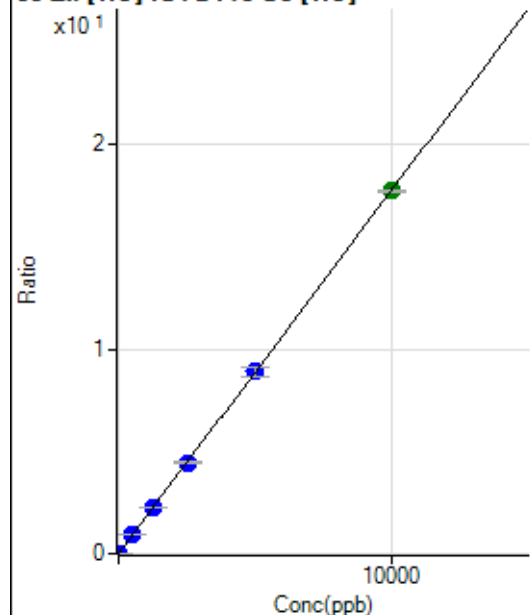
$$R = 0.9999$$

$$DL = 0.02626$$

$$BEC = 0.2854$$

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	87.55	0.0009	P	10.0
2	☐	2.000	2.459	487.63	0.0053	P	6.8
3	☐	500.000	524.446	84569.45	0.9332	P	6.0
4	☐	1250.000	1280.122	213187.36	2.2764	P	0.4
5	☐	2500.000	2504.597	417640.25	4.4529	P	0.8
6	☐	5000.000	5012.116	816666.58	8.9101	P	5.2
7	☐	10000.000	9987.806	1643136.36	17.7544	A	0.7
8	☐			9699.27	0.1070	P	1.1

$$y = 0.0018 * x + 9.4519E-004$$

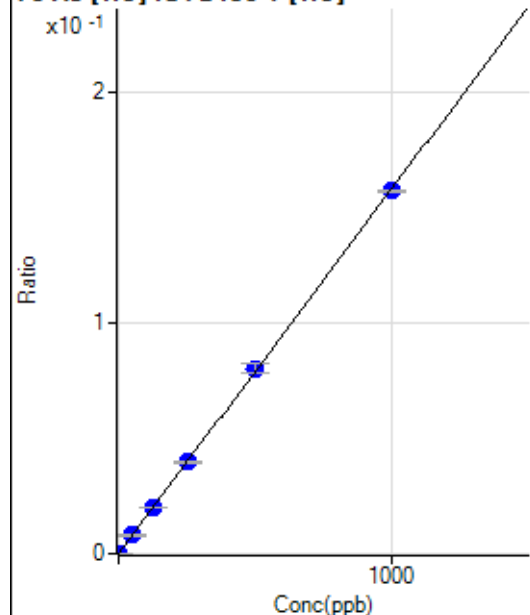
$$R = 1.0000$$

$$DL = 0.159$$

$$BEC = 0.5317$$

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	4.33	0.0000	P	57.9
2	☐	1.000	1.030	126.35	0.0002	P	9.4
3	☐	50.000	51.116	5965.87	0.0081	P	7.3
4	☐	125.000	126.841	15286.45	0.0200	P	0.6
5	☐	250.000	250.749	30301.67	0.0396	P	0.8
6	☐	500.000	508.428	59846.76	0.0803	P	4.5
7	☐	1000.000	995.312	119184.36	0.1573	P	0.8
8	☐			80.01	0.0001	P	0.9

$$y = 1.5800E-004 * x + 5.8240E-006$$

$$R = 0.9999$$

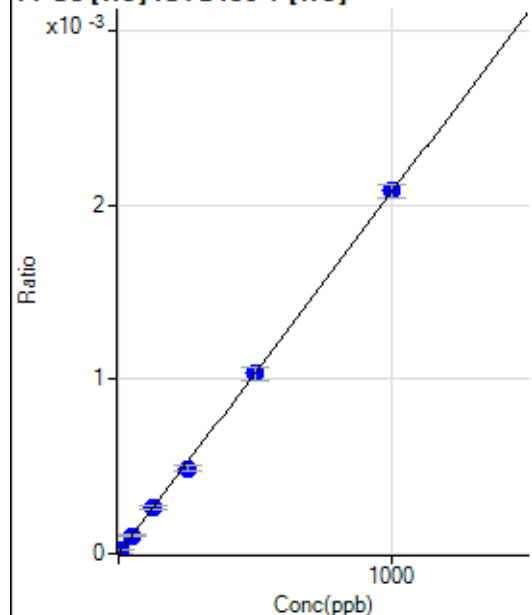
$$DL = 0.06407$$

$$BEC = 0.03686$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	5.000	10.730	17.78	0.0000	P	27.9
3	☐	50.000	48.795	75.56	0.0001	P	11.9
4	☐	125.000	127.307	202.22	0.0003	P	10.6
5	☐	250.000	234.325	372.23	0.0005	P	6.9
6	☐	500.000	497.708	768.92	0.0010	P	7.2
7	☐	1000.000	1004.808	1577.89	0.0021	P	4.0
8	☐			1.11	0.0000	P	173.

$$y = 2.0705\text{E-}006 * x + 1.4976\text{E-}006$$

$$R = 0.9998$$

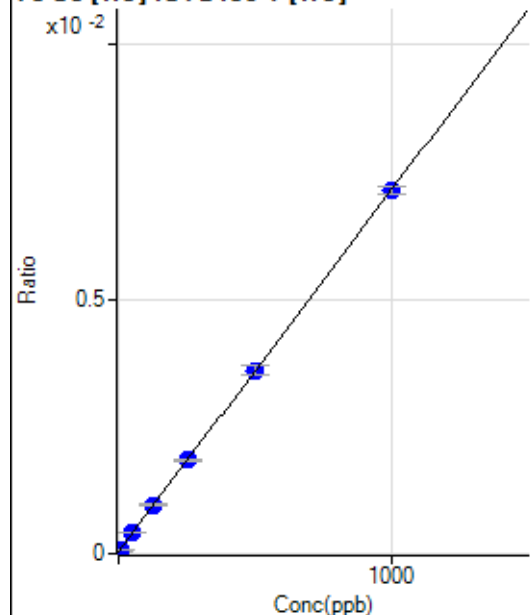
$$DL = 3.758$$

$$BEC = 0.7233$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	32.00	0.0000	P	25.8
2	☐	5.000	5.667	62.34	0.0001	P	13.9
3	☐	50.000	52.575	308.04	0.0004	P	2.3
4	☐	125.000	128.612	729.43	0.0010	P	2.5
5	☐	250.000	253.760	1411.55	0.0018	P	1.5
6	☐	500.000	501.619	2686.20	0.0036	P	4.5
7	☐	1000.000	997.667	5403.59	0.0071	P	2.2
8	☐			34.33	0.0000	P	21.7

$$y = 7.1039\text{E-}006 * x + 4.3032\text{E-}005$$

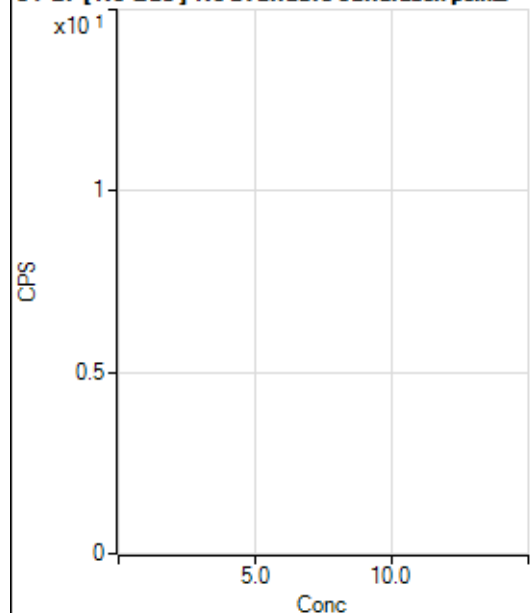
$$R = 1.0000$$

$$DL = 4.691$$

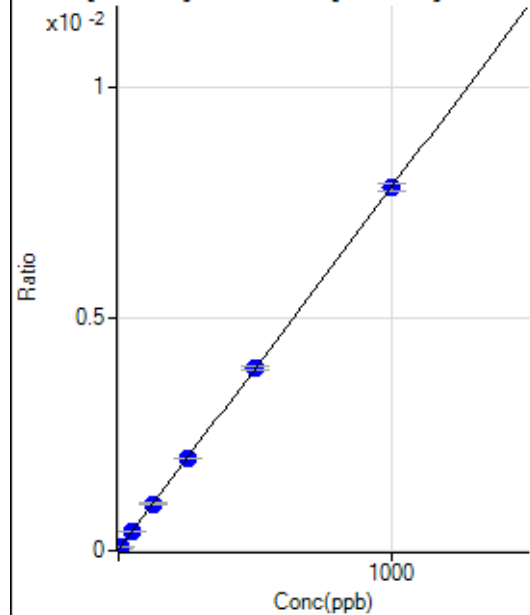
$$BEC = 6.057$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1765.27		P	4.0
2	☐			1685.18		P	11.0
3	☐			1761.93		P	10.0
4	☐			1838.68		P	8.5
5	☐			2028.91		P	8.4
6	☐			1725.22		P	10.2
7	☐			1815.31		P	0.6
8	☐			1728.55		P	6.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	150.42	0.0000	P	16.6
2	☐	5.000	5.235	423.97	0.0001	P	7.7
3	☐	50.000	50.879	2799.43	0.0004	P	3.0
4	☐	125.000	126.120	6534.83	0.0010	P	4.4
5	☐	250.000	252.112	13167.94	0.0020	P	0.2
6	☐	500.000	502.516	26171.99	0.0040	P	1.8
7	☐	1000.000	998.029	51531.13	0.0078	P	2.0
8	☐			157.82	0.0000	P	48.3

$$y = 7.8171E-006 * x + 2.4251E-005$$

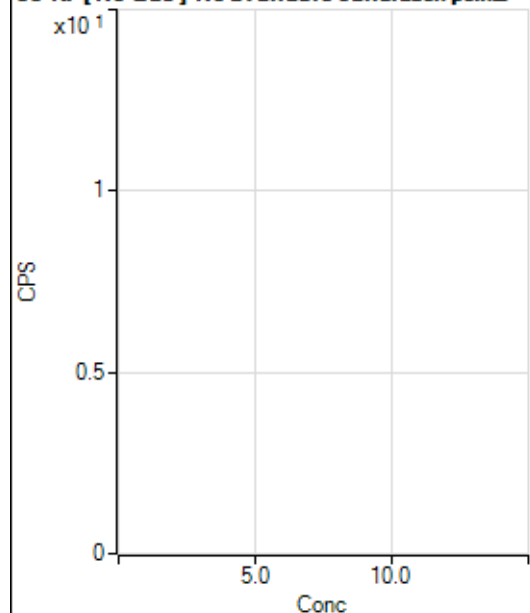
$$R = 1.0000$$

$$DL = 1.546$$

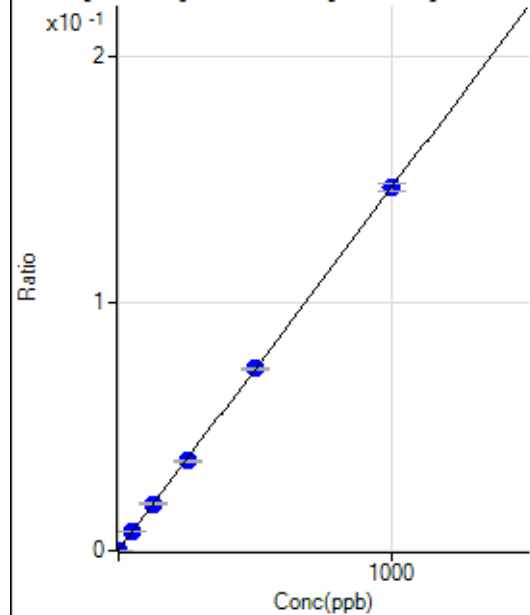
$$BEC = 3.102$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			723.36		P	3.5
2	☐			733.36		P	2.4
3	☐			646.69		P	3.7
4	☐			723.36		P	2.6
5	☐			648.91		P	7.4
6	☐			635.58		P	9.0
7	☐			631.13		P	3.7
8	☐			671.14		P	8.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	966.73	0.0002	P	12.6
2	☐	1.000	1.027	2000.20	0.0003	P	15.0
3	☐	50.000	49.719	49435.34	0.0075	P	1.0
4	☐	125.000	127.998	122517.85	0.0189	P	3.8
5	☐	250.000	247.192	240411.20	0.0364	P	1.6
6	☐	500.000	501.825	488567.08	0.0738	P	1.1
7	☐	1000.000	999.429	966568.15	0.1468	P	1.9
8	☐			3053.19	0.0005	P	3.8

$$y = 1.4672E-004 * x + 1.5681E-004$$

$$R = 1.0000$$

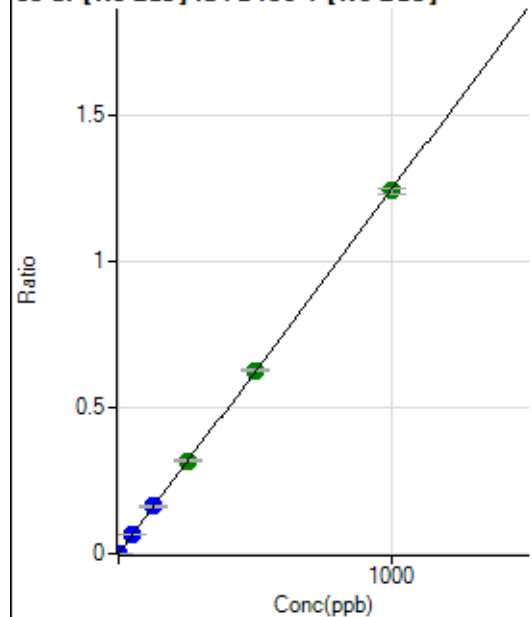
$$DL = 0.4039$$

$$BEC = 1.069$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	125.01	0.0000	P	47.5
2	☐	1.000	1.021	8411.08	0.0013	P	4.1
3	☐	50.000	51.180	423256.83	0.0638	P	0.9
4	☐	125.000	131.197	1058053.32	0.1635	P	3.2
5	☐	250.000	255.219	2099316.93	0.3181	A	0.8
6	☐	500.000	503.007	4150658.86	0.6268	A	1.5
7	☐	1000.000	996.358	8176445.84	1.2416	A	1.4
8	☐			18034.26	0.0028	P	4.1

$$y = 0.0012 * x + 2.0507E-005$$

$$R = 1.0000$$

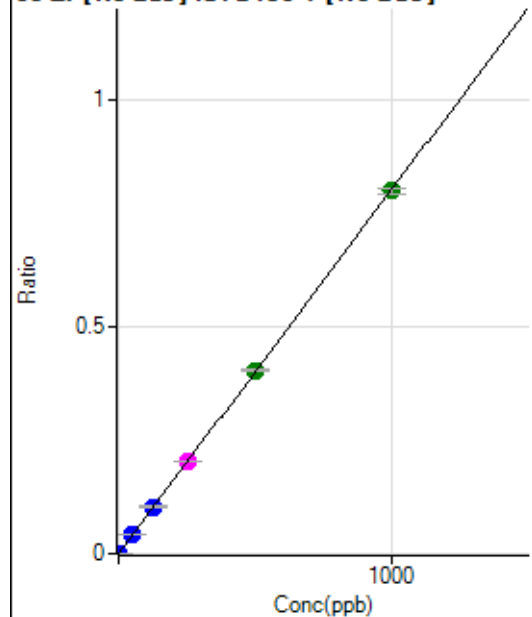
$$DL = 0.02344$$

$$BEC = 0.01646$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	286.12	0.0000	P	2.9
2	☐	1.000	0.920	5089.97	0.0008	P	3.9
3	☐	50.000	50.715	269593.83	0.0406	P	0.3
4	☐	125.000	129.220	669464.74	0.1035	P	3.5
5	☐	250.000	254.804	1346321.88	0.2040	M	1.0
6	☐	500.000	502.622	2663996.83	0.4023	A	1.2
7	☐	1000.000	996.925	5254416.57	0.7979	A	1.5
8	☐			1483.46	0.0002	P	2.9

$$y = 8.0035E-004 * x + 4.6240E-005$$

$$R = 1.0000$$

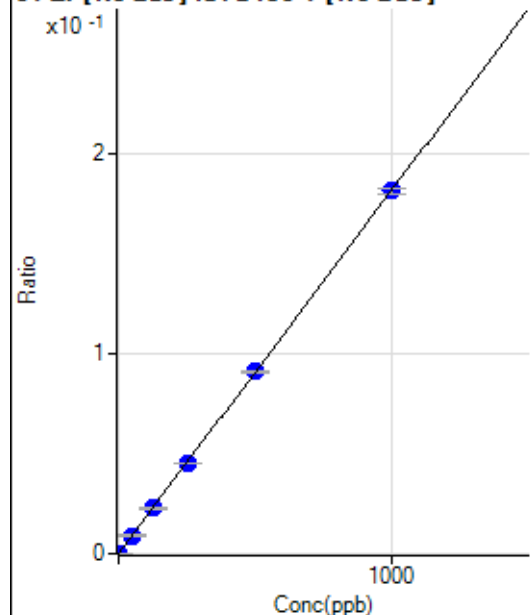
$$DL = 0.005022$$

$$BEC = 0.05778$$

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	69.45	0.0000	P	33.7
2	☐	1.000	0.955	1200.09	0.0002	P	4.1
3	☐	50.000	50.122	60428.69	0.0091	P	2.1
4	☐	125.000	126.276	148381.38	0.0229	P	3.0
5	☐	250.000	248.818	298142.46	0.0452	P	1.3
6	☐	500.000	502.091	603505.35	0.0911	P	0.9
7	☐	1000.000	999.084	1194116.99	0.1813	P	1.8
8	☐			344.46	0.0001	P	11.5

$$y = 1.8150\text{E-}004 * x + 1.1109\text{E-}005$$

$$R = 1.0000$$

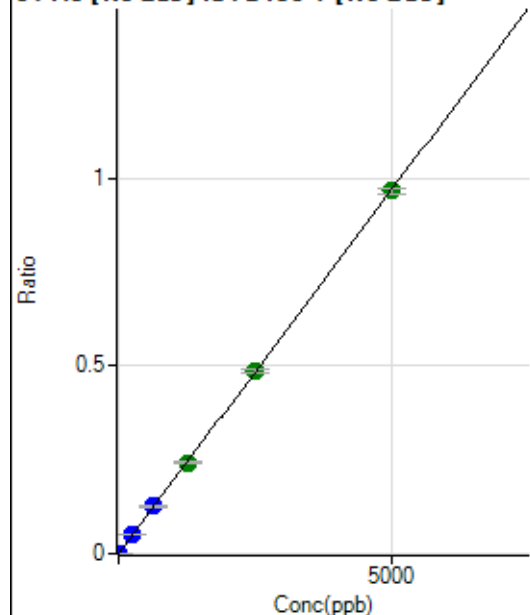
$$DL = 0.06191$$

$$BEC = 0.06121$$

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	108.34	0.0000	P	23.7
2	☐	5.000	5.153	6607.29	0.0010	P	1.0
3	☐	250.000	255.020	327790.71	0.0494	P	1.3
4	☐	625.000	651.347	816312.91	0.1262	P	3.7
5	☐	1250.000	1250.940	1599249.46	0.2423	A	1.5
6	☐	2500.000	2515.429	3225935.99	0.4872	A	1.6
7	☐	5000.000	4988.506	6362466.81	0.9662	A	1.3
8	☐			4759.27	0.0007	P	3.5

$$y = 1.9368\text{E-}004 * x + 1.7617\text{E-}005$$

$$R = 1.0000$$

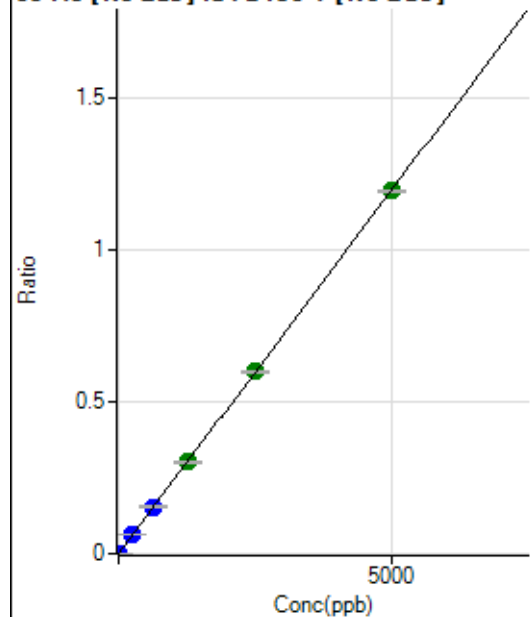
$$DL = 0.06476$$

$$BEC = 0.09096$$

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	8.33	0.0000	P	104.
2	☐	5.000	5.393	8397.14	0.0013	P	2.4
3	☐	250.000	253.027	401392.29	0.0605	P	1.0
4	☐	625.000	646.261	999902.06	0.1545	P	3.2
5	☐	1250.000	1259.821	1988216.93	0.3012	A	1.0
6	☐	2500.000	2505.230	3966389.50	0.5990	A	1.2
7	☐	5000.000	4992.120	7860734.46	1.1936	A	0.8
8	☐			7182.58	0.0011	P	5.5

$$y = 2.3910E-004 * x + 1.3835E-006$$

$$R = 1.0000$$

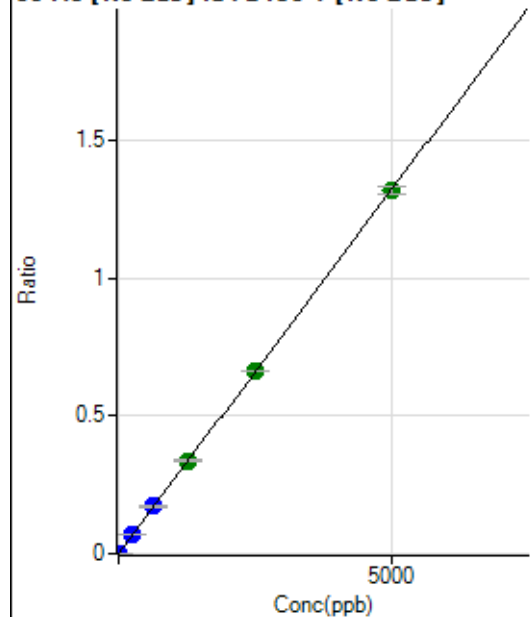
$$DL = 0.01805$$

$$BEC = 0.005786$$

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	83.33	0.0000	P	29.5
2	☐	5.000	5.397	9367.31	0.0014	P	1.6
3	☐	250.000	252.531	442880.10	0.0668	P	0.6
4	☐	625.000	648.524	1109244.90	0.1714	P	3.1
5	☐	1250.000	1278.367	2230124.86	0.3379	A	1.1
6	☐	2500.000	2510.062	4392934.65	0.6634	A	1.0
7	☐	5000.000	4984.810	8674852.02	1.3175	A	2.2
8	☐			8438.91	0.0013	P	3.3

$$y = 2.6430E-004 * x + 1.3571E-005$$

$$R = 1.0000$$

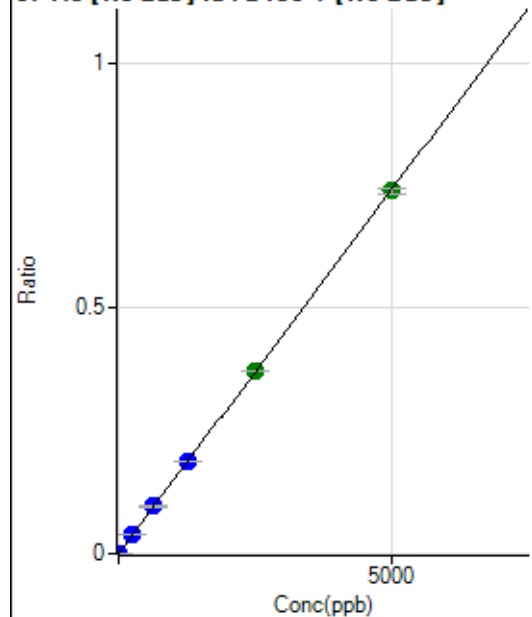
$$DL = 0.04542$$

$$BEC = 0.05135$$

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	8.33	0.0000	P	104.
2	☐	5.000	5.598	5403.98	0.0008	P	6.3
3	☐	250.000	254.033	249670.02	0.0376	P	2.1
4	☐	625.000	648.127	621355.31	0.0960	P	3.1
5	☐	1250.000	1273.009	1244784.18	0.1886	P	0.5
6	☐	2500.000	2508.009	2460605.22	0.3716	A	0.4
7	☐	5000.000	4987.150	4864994.81	0.7388	A	1.9
8	☐			4695.38	0.0007	P	6.1

$$y = 1.4815E-004 * x + 1.3835E-006$$

$$R = 1.0000$$

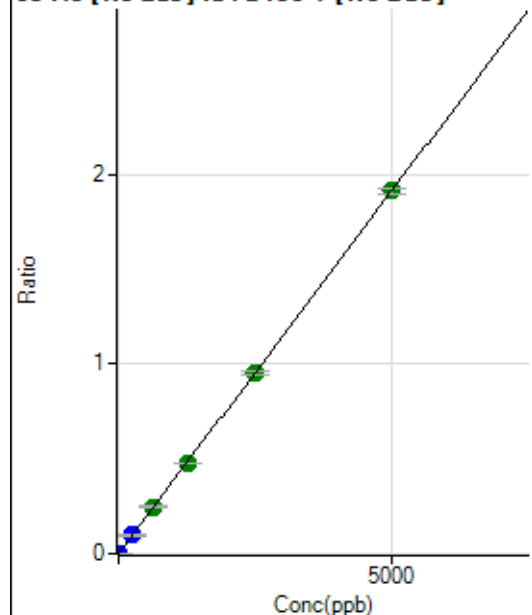
$$DL = 0.02914$$

$$BEC = 0.009338$$

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	8.33	0.0000	P	173.
2	☐	5.000	5.360	13328.94	0.0020	P	2.3
3	☐	250.000	253.079	641324.95	0.0967	P	1.1
4	☐	625.000	641.739	1586411.32	0.2451	A	2.9
5	☐	1250.000	1251.941	3156328.87	0.4782	A	1.0
6	☐	2500.000	2482.748	6278993.11	0.9483	A	2.1
7	☐	5000.000	5005.894	12591640.47	1.9121	A	1.4
8	☐			11466.12	0.0018	P	3.9

$$y = 3.8197E-004 * x + 1.4357E-006$$

$$R = 1.0000$$

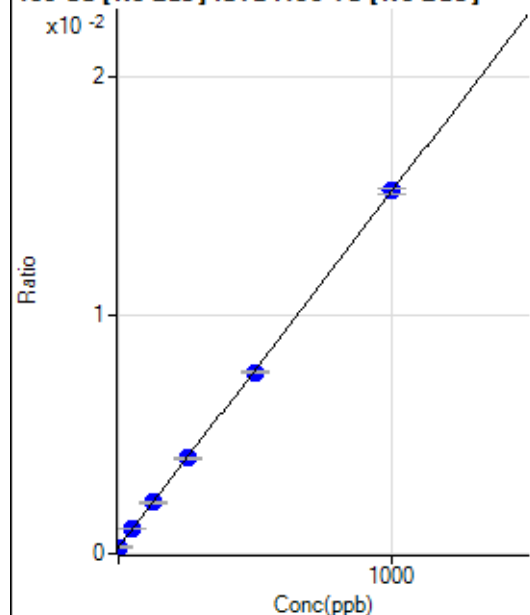
$$DL = 0.01953$$

$$BEC = 0.003759$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1389.00	0.0003	P	6.9
2	☐	1.000	0.678	1508.46	0.0003	P	7.8
3	☐	50.000	51.895	5768.02	0.0010	P	4.6
4	☐	125.000	128.271	11852.64	0.0022	P	3.6
5	☐	250.000	252.108	22646.87	0.0040	P	2.0
6	☐	500.000	493.070	43558.41	0.0076	P	1.9
7	☐	1000.000	1002.435	85794.34	0.0152	P	1.5
8	☐			1464.01	0.0003	P	8.2

$$y = 1.4938\text{E-}005 * x + 2.6286\text{E-}004$$

$$R = 1.0000$$

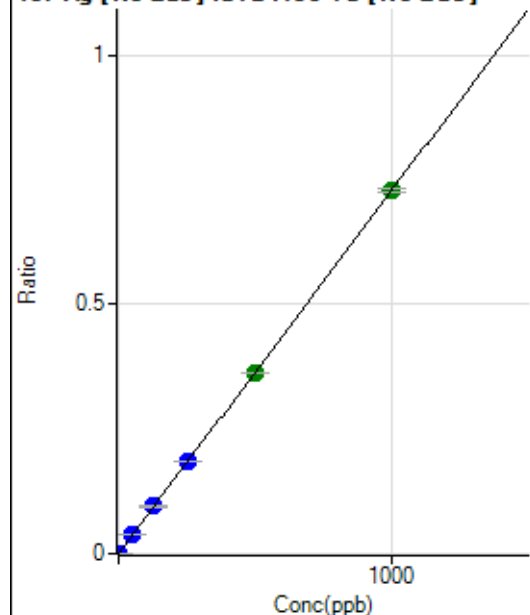
$$DL = 3.622$$

$$BEC = 17.6$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	38.6
2	☐	1.000	1.010	4097.94	0.0007	P	1.5
3	☐	50.000	51.878	209862.16	0.0378	P	1.0
4	☐	125.000	130.754	517358.16	0.0952	P	3.9
5	☐	250.000	254.481	1041231.56	0.1852	P	0.8
6	☐	500.000	496.760	2064654.93	0.3616	A	0.1
7	☐	1000.000	999.687	4097190.63	0.7277	A	1.2
8	☐			1080.63	0.0002	P	7.6

$$y = 7.2790\text{E-}004 * x + 6.2448\text{E-}006$$

$$R = 1.0000$$

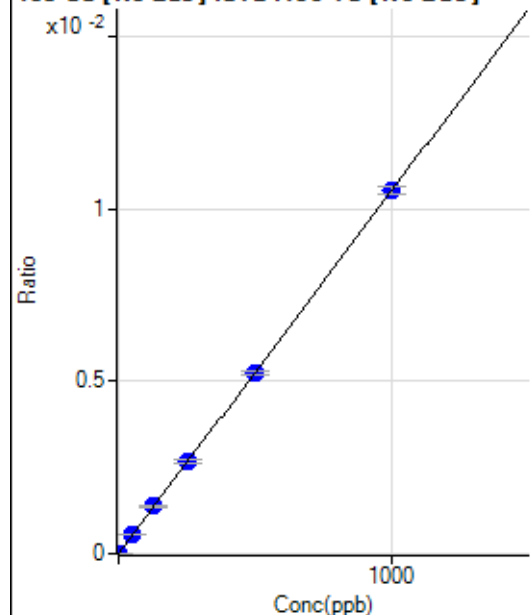
$$DL = 0.009945$$

$$BEC = 0.008579$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	47.9
2	☐	1.000	1.143	75.00	0.0000	P	29.0
3	☐	50.000	51.742	3032.32	0.0005	P	2.6
4	☐	125.000	129.784	7425.71	0.0014	P	4.5
5	☐	250.000	252.300	14919.34	0.0027	P	4.4
6	☐	500.000	497.439	29876.84	0.0052	P	1.5
7	☐	1000.000	1000.020	59215.24	0.0105	P	2.2
8	☐			29.17	0.0000	P	39.4

$$y = 1.0516\text{E-}005 * x + 1.5590\text{E-}006$$

$$R = 1.0000$$

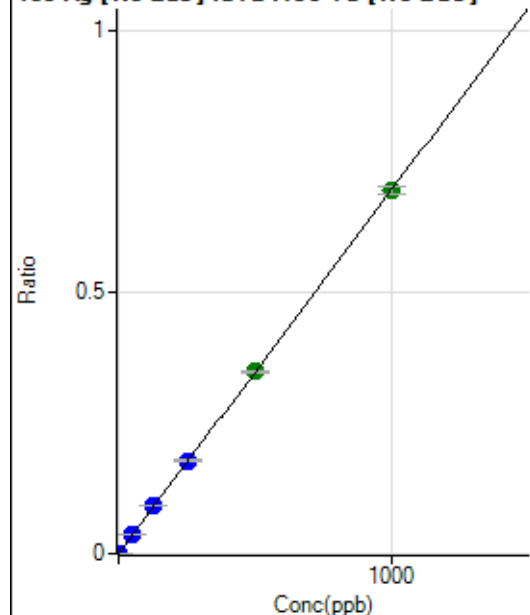
$$DL = 0.213$$

$$BEC = 0.1483$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	61.5
2	☐	1.000	1.032	3986.81	0.0007	P	2.7
3	☐	50.000	51.511	198991.56	0.0358	P	1.0
4	☐	125.000	132.566	501055.90	0.0922	P	2.7
5	☐	250.000	255.880	999768.91	0.1779	P	1.0
6	☐	500.000	499.755	1983554.78	0.3474	A	1.1
7	☐	1000.000	997.631	3904268.31	0.6935	A	2.2
8	☐			1044.52	0.0002	P	10.9

$$y = 6.9513\text{E-}004 * x + 3.6448\text{E-}006$$

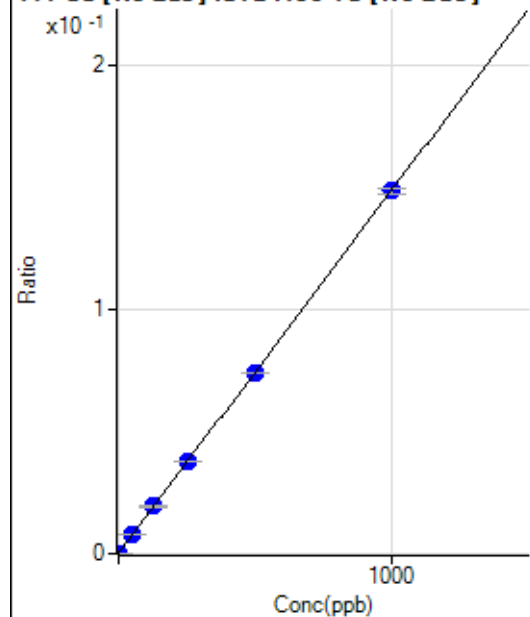
$$R = 1.0000$$

$$DL = 0.009681$$

$$BEC = 0.005243$$

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	972.02	0.0002	P	6.7
2	☐	1.000	1.067	1890.96	0.0003	P	11.3
3	☐	50.000	51.328	43313.15	0.0078	P	0.6
4	☐	125.000	129.551	105442.01	0.0194	P	2.9
5	☐	250.000	254.008	212738.83	0.0378	P	0.3
6	☐	500.000	498.746	423309.11	0.0741	P	0.4
7	☐	1000.000	998.990	835048.10	0.1483	P	1.7
8	☐			1339.13	0.0002	P	8.1

$$y = 1.4828\text{E-}004 * x + 1.8401\text{E-}004$$

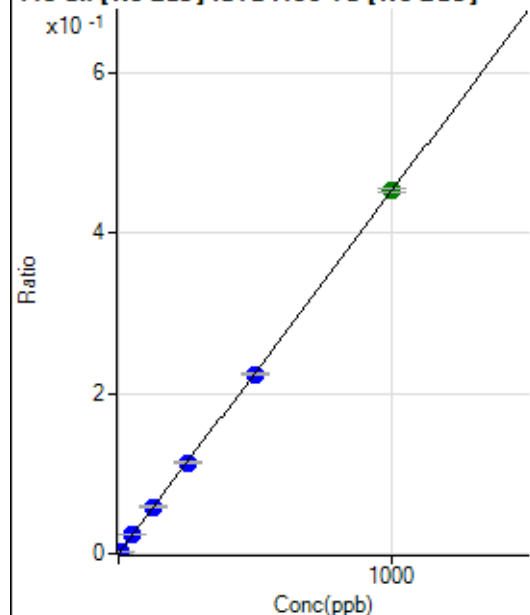
$$R = 1.0000$$

$$DL = 0.2508$$

$$BEC = 1.241$$

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	225.01	0.0000	P	13.7
2	☐	5.000	5.199	13240.06	0.0024	P	0.9
3	☐	50.000	50.903	128257.96	0.0231	P	0.3
4	☐	125.000	128.509	316448.49	0.0582	P	3.1
5	☐	250.000	251.437	639874.98	0.1138	P	1.1
6	☐	500.000	495.937	1281875.85	0.2245	P	0.5
7	☐	1000.000	1001.188	2551644.26	0.4532	A	1.0
8	☐			2589.20	0.0005	P	4.5

$$y = 4.5260\text{E-}004 * x + 4.2765\text{E-}005$$

$$R = 1.0000$$

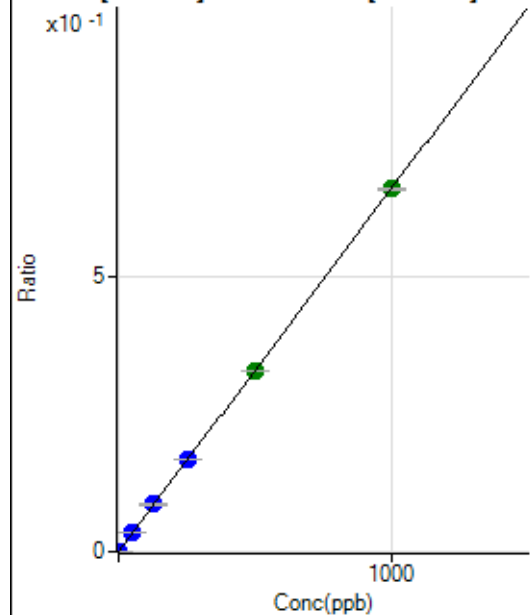
$$DL = 0.0389$$

$$BEC = 0.09449$$

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	13.89	0.0000	P	30.6
2	☐	2.000	1.994	7307.70	0.0013	P	4.2
3	☐	50.000	51.704	190137.57	0.0342	P	0.4
4	☐	125.000	130.406	469140.00	0.0863	P	3.4
5	☐	250.000	256.175	952894.52	0.1695	P	0.3
6	☐	500.000	497.325	1879168.68	0.3291	A	0.7
7	☐	1000.000	999.033	3722769.96	0.6611	A	0.4
8	☐			2853.16	0.0005	P	8.1

$$y = 6.6176E-004 * x + 2.6000E-006$$

$$R = 1.0000$$

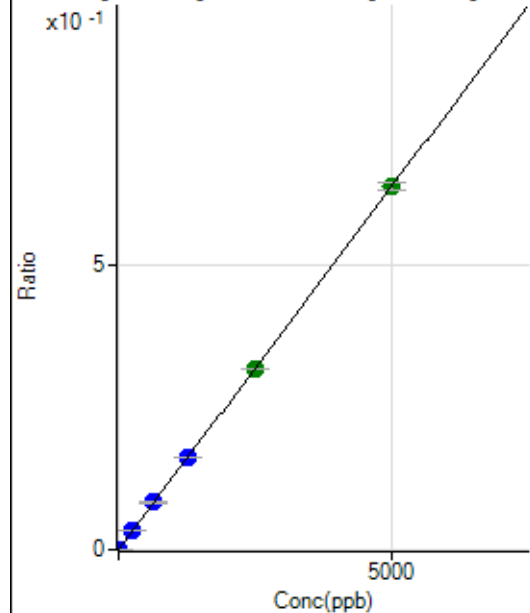
$$DL = 0.003611$$

$$BEC = 0.003929$$

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	16.67	0.0000	P	54.8
2	☐	10.000	10.080	7113.16	0.0013	P	4.2
3	☐	250.000	255.984	181196.03	0.0326	P	1.0
4	☐	625.000	651.014	450939.36	0.0829	P	2.3
5	☐	1250.000	1271.641	910451.59	0.1620	P	0.5
6	☐	2500.000	2487.126	1808882.09	0.3168	A	0.8
7	☐	5000.000	4997.476	3583808.59	0.6366	A	2.2
8	☐			6788.01	0.0012	P	6.1

$$y = 1.2738E-004 * x + 3.2034E-006$$

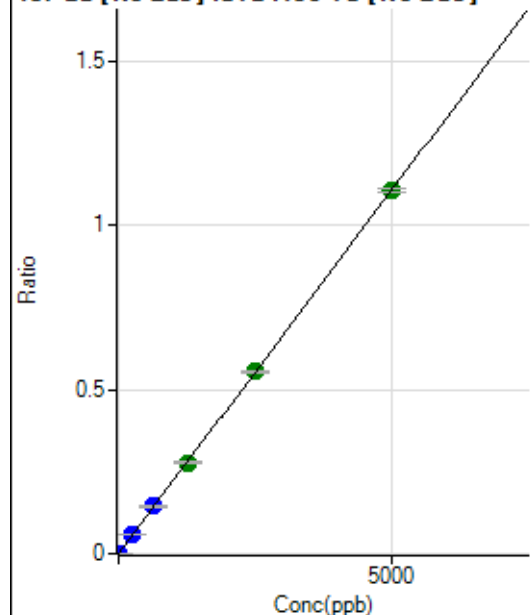
$$R = 1.0000$$

$$DL = 0.04134$$

$$BEC = 0.02515$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	5.8
2	☐	10.000	10.697	13103.85	0.0024	P	5.0
3	☐	250.000	256.673	315997.26	0.0569	P	0.4
4	☐	625.000	656.937	791267.60	0.1455	P	3.4
5	☐	1250.000	1256.818	1565102.98	0.2785	A	0.8
6	☐	2500.000	2502.079	3165165.13	0.5543	A	0.7
7	☐	5000.000	4992.929	6228412.86	1.1062	A	1.1
8	☐			12330.95	0.0023	P	2.2

$$y = 2.2155E-004 * x + 1.5797E-006$$

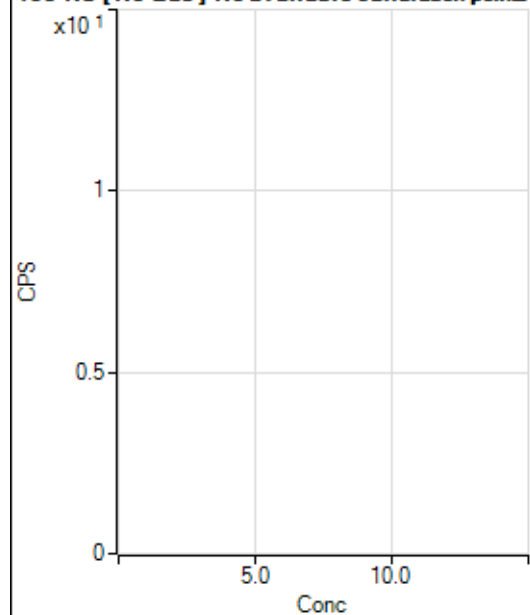
$$R = 1.0000$$

$$DL = 0.001249$$

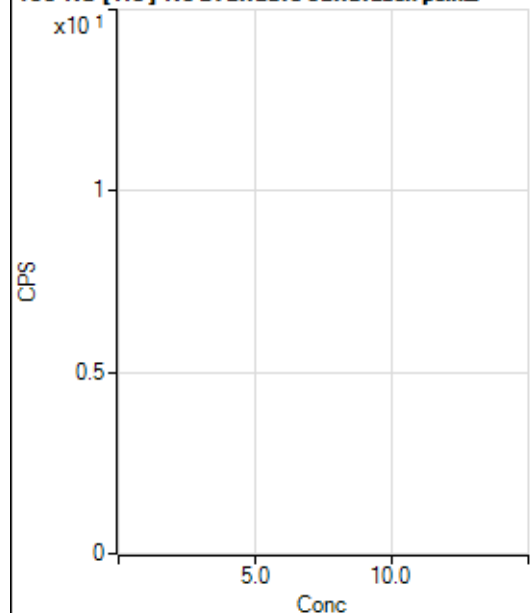
$$BEC = 0.00713$$

Weight: <None>

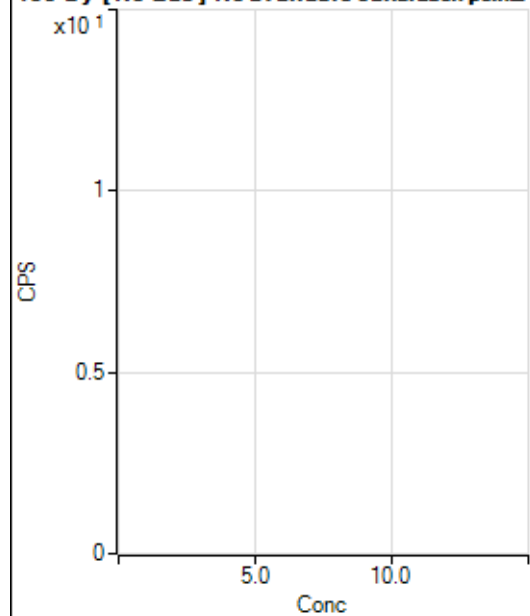
Min Conc: 0

150 Nd [No Gas] No available calibration points

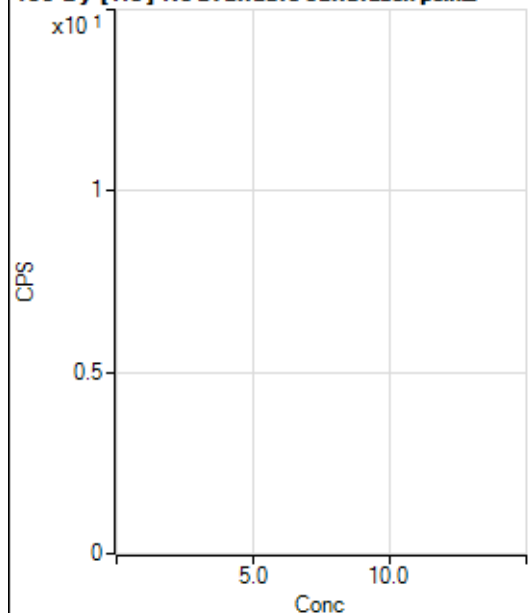
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			6.67		P	0.0
4	☐			15.56		P	49.5
5	☐			22.22		P	34.7
6	☐			55.55		P	6.9
7	☐			82.22		P	30.7
8	☐			44.44		P	17.3

150 Nd [He] No available calibration points

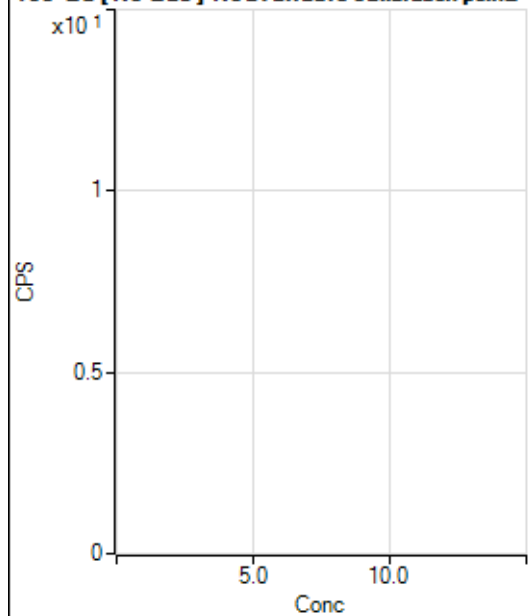
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			3.33		P	100.
3	☐			2.22		P	86.6
4	☐			1.11		P	173.
5	☐			4.44		P	114.
6	☐			4.44		P	173.
7	☐			7.78		P	24.7
8	☐			8.89		P	78.1

156 Dy [No Gas] No available calibration points

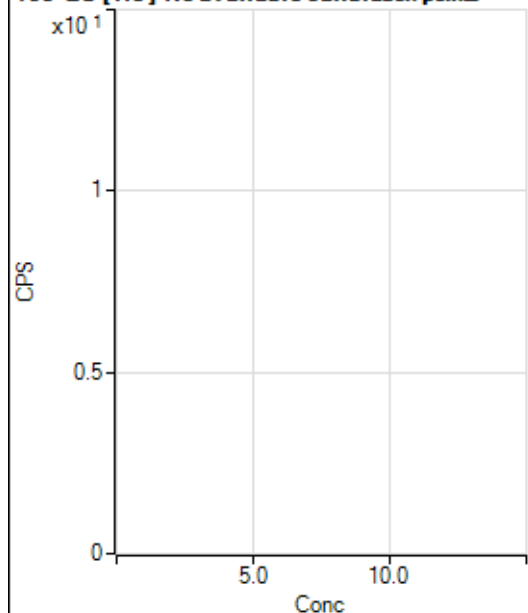
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			11.11		P	43.3
3	☐			8.33		P	0.0
4	☐			25.00		P	33.3
5	☐			27.78		P	45.8
6	☐			47.22		P	10.2
7	☐			88.89		P	23.6
8	☐			213.90		P	17.6

156 Dy [He] No available calibration points

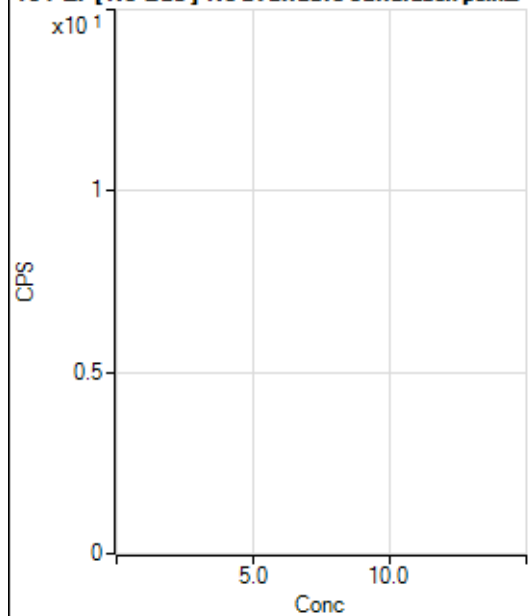
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐			7.78		P	65.5
3	☐			5.56		P	91.6
4	☐			6.66		P	86.6
5	☐			11.11		P	17.3
6	☐			14.44		P	35.3
7	☐			15.55		P	68.9
8	☐			125.56		P	11.1

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

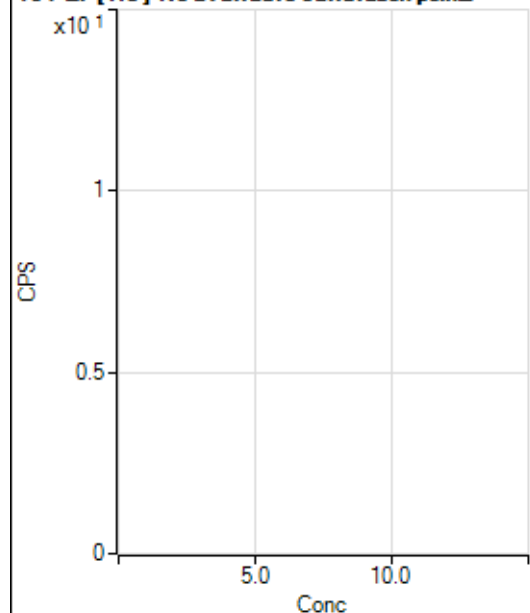
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	50.0
2	☐			22.22		P	43.3
3	☐			25.00		P	33.3
4	☐			47.22		P	10.2
5	☐			36.11		P	53.3
6	☐			69.45		P	6.9
7	☐			83.34		P	40.0
8	☐			269.45		P	12.5

160 Gd [He] No available calibration points

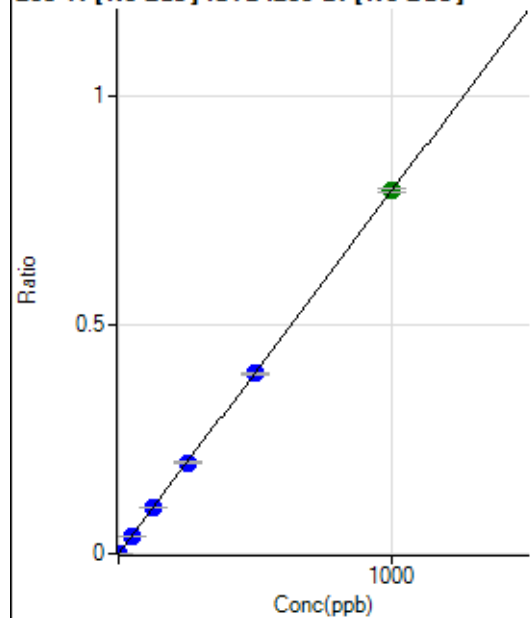
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	83.3
2	☐			18.89		P	20.4
3	☐			13.33		P	25.0
4	☐			26.67		P	25.0
5	☐			21.11		P	39.7
6	☐			26.67		P	66.1
7	☐			42.22		P	50.8
8	☐			135.56		P	16.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐			27.78		P	62.5
3	☐			38.89		P	12.4
4	☐			41.67		P	20.0
5	☐			47.22		P	27.0
6	☐			38.89		P	61.9
7	☐			30.55		P	15.7
8	☐			55.55		P	8.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			15.55		P	44.6
3	☐			14.45		P	26.7
4	☐			10.00		P	33.3
5	☐			20.00		P	44.1
6	☐			15.56		P	32.7
7	☐			20.00		P	0.0
8	☐			35.56		P	32.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	94.45	0.0000	P	26.4
2	☐	1.000	0.929	2514.21	0.0008	P	4.6
3	☐	50.000	49.813	131057.82	0.0395	P	1.4
4	☐	125.000	126.719	326962.48	0.1004	P	1.4
5	☐	250.000	250.775	661078.03	0.1986	P	1.0
6	☐	500.000	497.806	1331836.79	0.3942	P	1.2
7	☐	1000.000	1000.698	2658907.46	0.7923	A	1.1
8	☐			2139.14	0.0007	P	18.5

$$y = 7.9176E-004 * x + 3.0170E-005$$

$$R = 1.0000$$

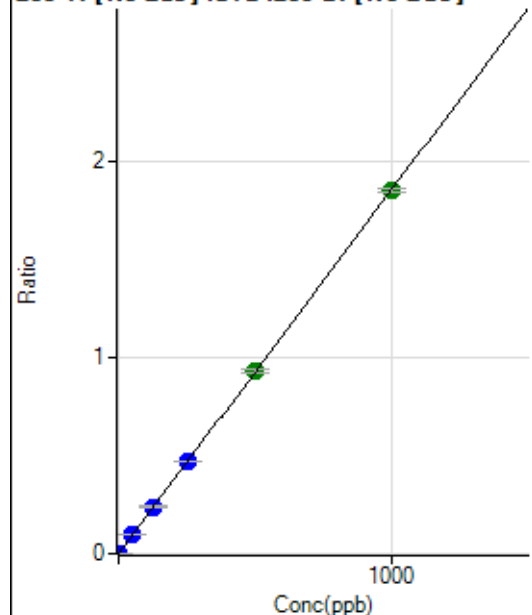
$$DL = 0.03017$$

$$BEC = 0.03811$$

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	202.79	0.0001	P	15.4
2	☐	1.000	1.033	6507.37	0.0020	P	1.1
3	☐	50.000	50.982	314496.01	0.0947	P	1.9
4	☐	125.000	129.061	780779.73	0.2397	P	1.4
5	☐	250.000	254.188	1571213.74	0.4720	P	1.1
6	☐	500.000	502.228	3150692.69	0.9325	A	1.4
7	☐	1000.000	997.282	6213412.99	1.8516	A	1.0
8	☐			5078.89	0.0016	P	7.3

$$y = 0.0019 * x + 6.4531E-005$$

$$R = 1.0000$$

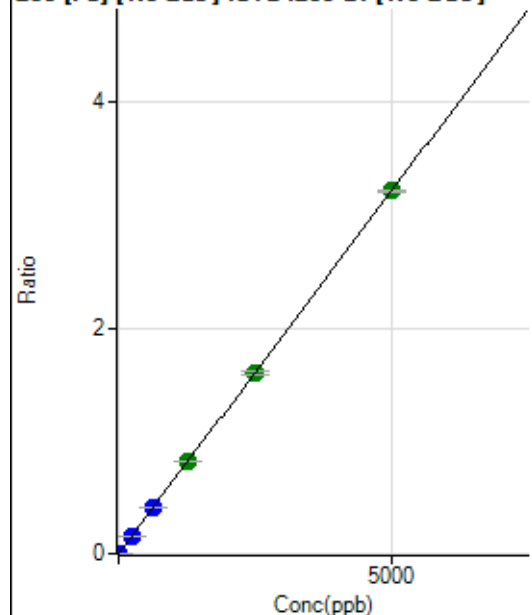
$$DL = 0.0161$$

$$BEC = 0.03476$$

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	1520.49	0.0005	P	4.6
2	☐	1.000	0.923	3532.04	0.0011	P	1.0
3	☐	250.000	245.874	526324.11	0.1585	P	1.3
4	☐	625.000	631.555	1323892.20	0.4064	P	1.5
5	☐	1250.000	1260.759	2699290.25	0.8108	A	0.4
6	☐	2500.000	2491.655	5412753.54	1.6020	A	1.3
7	☐	5000.000	5000.869	10787869.80	3.2147	A	0.6
8	☐			13344.12	0.0042	P	2.1

$$y = 6.4274E-004 * x + 4.8229E-004$$

$$R = 1.0000$$

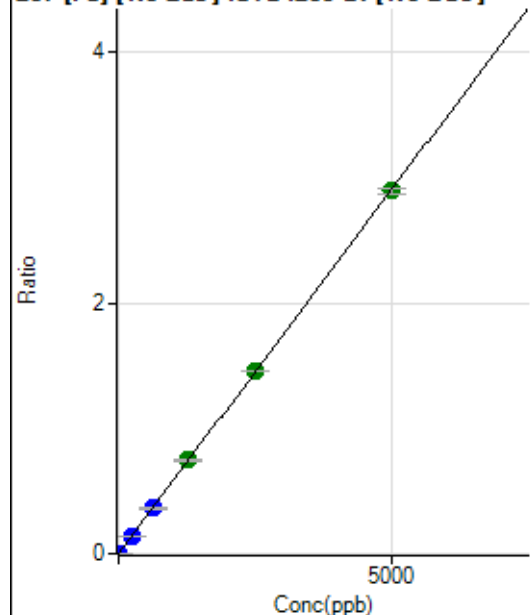
$$DL = 0.1039$$

$$BEC = 0.7504$$

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	1268.61	0.0004	P	10.2
2	☐	1.000	0.894	3026.33	0.0009	P	3.2
3	☐	250.000	244.201	471592.36	0.1420	P	1.0
4	☐	625.000	622.990	1178065.64	0.3617	P	2.6
5	☐	1250.000	1282.915	2478179.51	0.7444	A	1.5
6	☐	2500.000	2514.167	4928122.68	1.4585	A	0.6
7	☐	5000.000	4985.229	9703281.12	2.8916	A	1.3
8	☐			11964.95	0.0038	P	1.1

$$y = 5.7996\text{E-}004 * x + 4.0326\text{E-}004$$

$$R = 1.0000$$

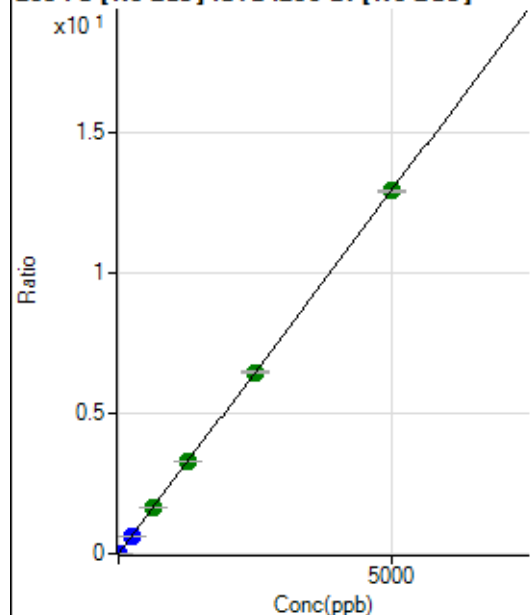
$$DL = 0.2123$$

$$BEC = 0.6953$$

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	6098.84	0.0019	P	4.3
2	☐	1.000	0.896	13969.86	0.0043	P	0.9
3	☐	250.000	247.027	2129144.75	0.6412	P	1.1
4	☐	625.000	637.808	5382998.59	1.6526	A	1.9
5	☐	1250.000	1266.708	10919718.50	3.2801	A	0.4
6	☐	2500.000	2493.860	21813518.02	6.4559	A	1.0
7	☐	5000.000	4997.441	43406605.14	12.9351	A	0.7
8	☐			53916.89	0.0171	P	0.5

$$y = 0.0026 * x + 0.0019$$

$$R = 1.0000$$

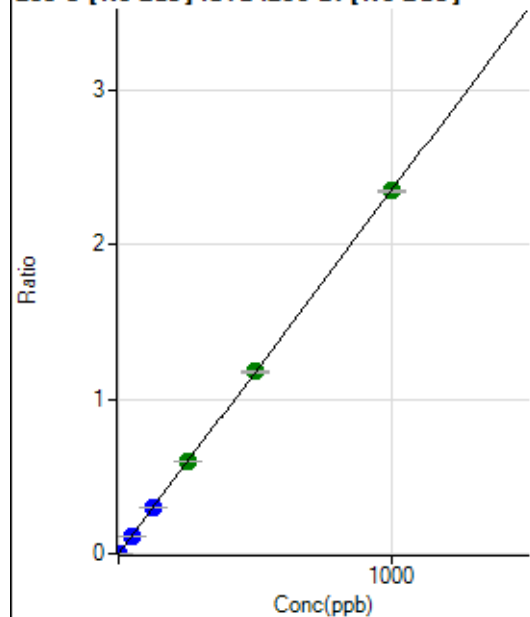
$$DL = 0.09655$$

$$BEC = 0.7481$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.55	0.0000	P	86.8
2	☐	1.000	0.968	7474.63	0.0023	P	3.8
3	☐	50.000	49.903	389507.28	0.1173	P	1.2
4	☐	125.000	126.970	972238.72	0.2985	P	1.7
5	☐	250.000	253.193	1981369.25	0.5952	A	0.3
6	☐	500.000	500.643	3976344.27	1.1768	A	1.2
7	☐	1000.000	998.639	7877375.00	2.3475	A	0.8
8	☐			841.72	0.0003	P	10.2

$$y = 0.0024 * x + 1.7615E-006$$

$$R = 1.0000$$

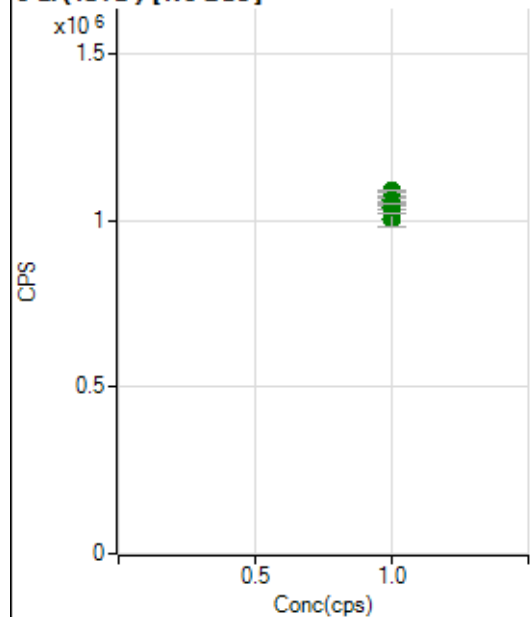
$$DL = 0.001952$$

$$BEC = 0.0007493$$

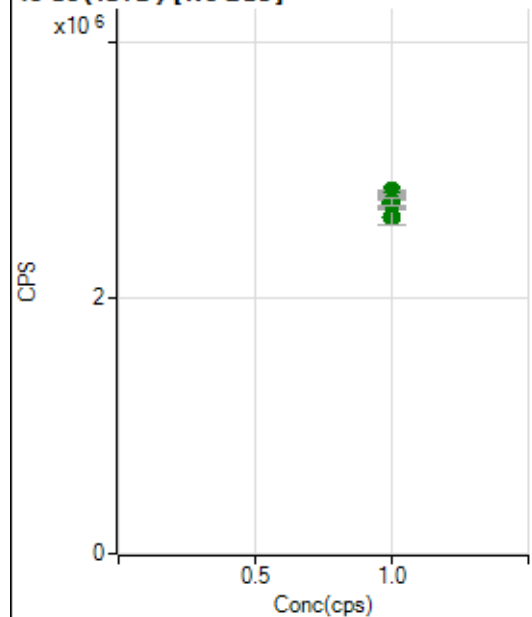
Weight: <None>

Min Conc: 0

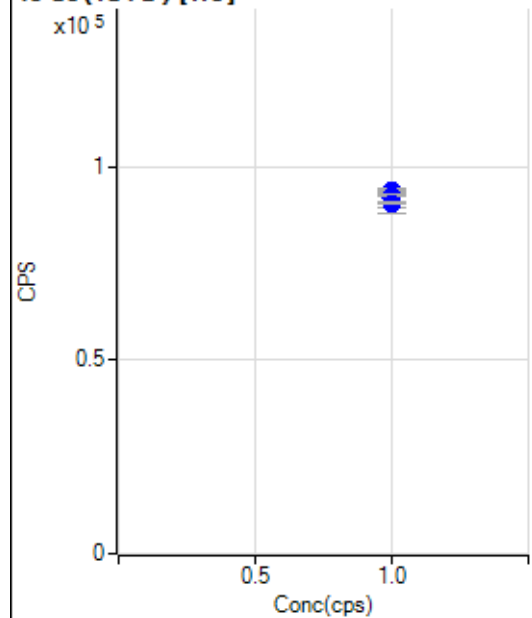
6 Li (ISTD) [No Gas]



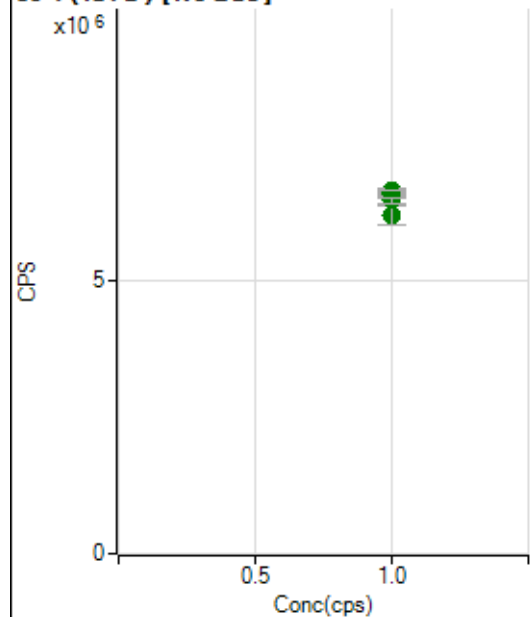
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1003440.14		A	3.7
2	☐	1.000		1041883.17		A	1.2
3	☐	1.000		1053081.40		A	1.2
4	☐	1.000		1039399.13		A	2.9
5	☐	1.000		1071315.76		A	0.4
6	☐	1.000		1089663.13		A	0.6
7	☐	1.000		1060877.78		A	1.4
8	☐	1.000		1051185.25		A	0.2

45 Sc (ISTD) [No Gas]

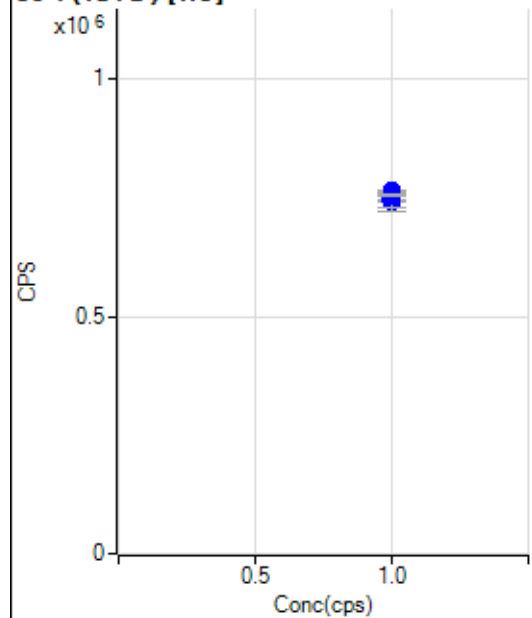
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2635561.19		A	4.1
2	☐	1.000		2780861.03		A	0.5
3	☐	1.000		2805096.66		A	0.3
4	☐	1.000		2738619.47		A	2.4
5	☐	1.000		2840170.41		A	0.6
6	☐	1.000		2797910.69		A	0.5
7	☐	1.000		2806194.12		A	0.7
8	☐	1.000		2749466.80		A	2.0

45 Sc (ISTD) [He]

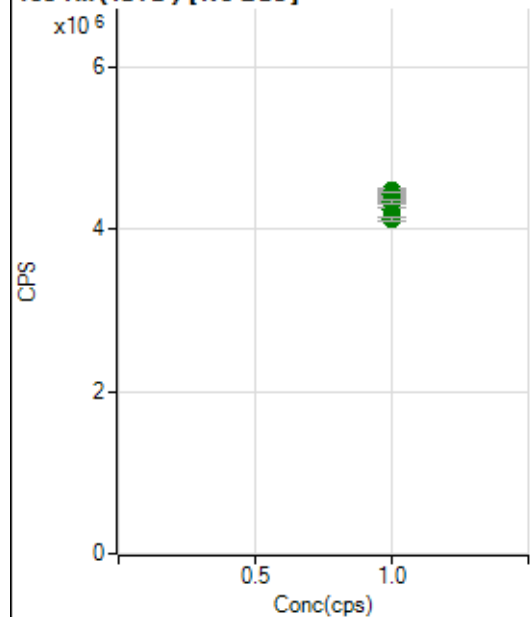
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		92653.95		P	0.5
2	☐	1.000		91785.57		P	3.2
3	☐	1.000		90840.39		P	5.9
4	☐	1.000		93652.81		P	0.5
5	☐	1.000		93793.64		P	0.9
6	☐	1.000		91796.26		P	5.1
7	☐	1.000		92549.00		P	0.6
8	☐	1.000		90680.54		P	0.4

89 Y (ISTD) [No Gas]

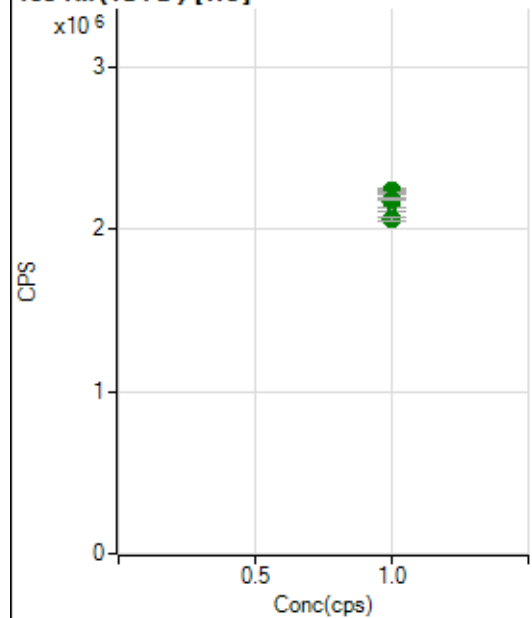
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6194183.38		A	5.8
2	☐	1.000		6505231.50		A	0.1
3	☐	1.000		6634353.51		A	0.5
4	☐	1.000		6475780.04		A	3.6
5	☐	1.000		6600335.94		A	0.1
6	☐	1.000		6622241.64		A	1.3
7	☐	1.000		6586163.03		A	1.8
8	☐	1.000		6454386.99		A	2.0

89 Y (ISTD) [He]

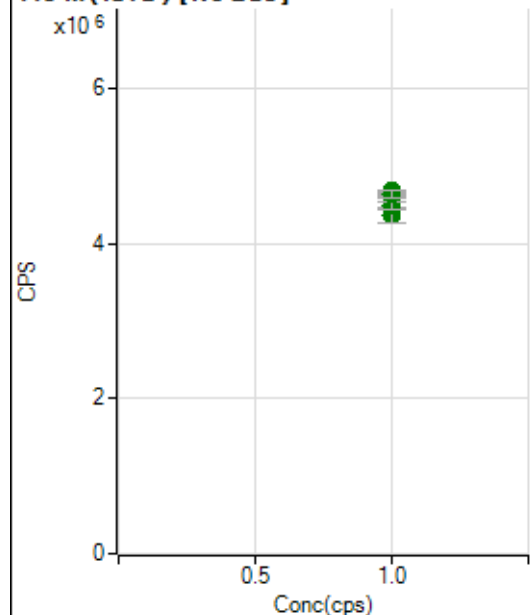
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		743945.25		P	0.3
2	☐	1.000		749091.00		P	2.2
3	☐	1.000		740029.62		P	5.5
4	☐	1.000		762537.00		P	0.7
5	☐	1.000		764730.23		P	0.6
6	☐	1.000		745692.89		P	4.0
7	☐	1.000		757875.24		P	0.8
8	☐	1.000		755574.04		P	0.9

103 Rh (ISTD) [No Gas]

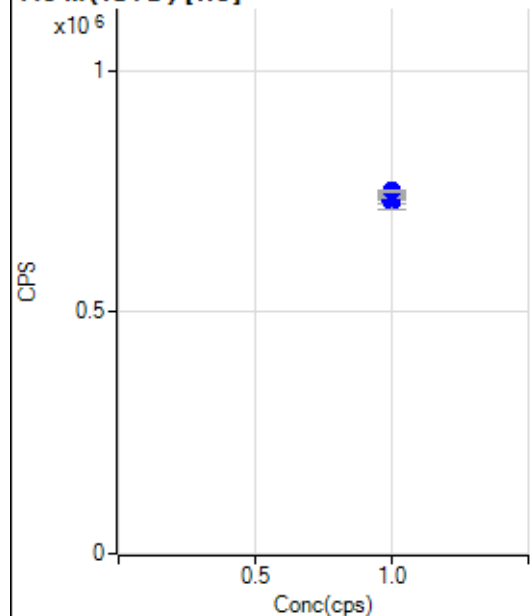
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4240932.69		A	4.7
2	☐	1.000		4424467.33		A	0.9
3	☐	1.000		4466718.63		A	1.2
4	☐	1.000		4341937.08		A	3.4
5	☐	1.000		4436208.09		A	1.6
6	☐	1.000		4416211.03		A	1.4
7	☐	1.000		4336085.77		A	1.2
8	☐	1.000		4127256.30		A	1.3

103 Rh (ISTD) [He]

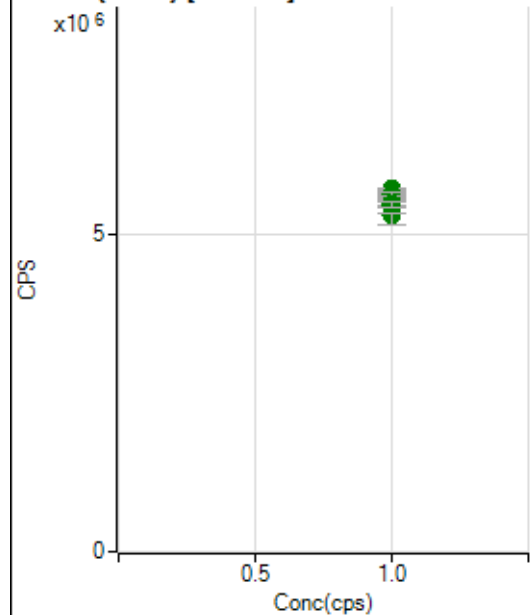
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2212782.19		A	1.7
2	☐	1.000		2220408.65		A	2.6
3	☐	1.000		2172234.65		A	5.4
4	☐	1.000		2237288.33		A	0.6
5	☐	1.000		2221861.53		A	0.4
6	☐	1.000		2177600.47		A	4.5
7	☐	1.000		2186825.40		A	0.7
8	☐	1.000		2063296.08		A	0.7

115 In (ISTD) [No Gas]

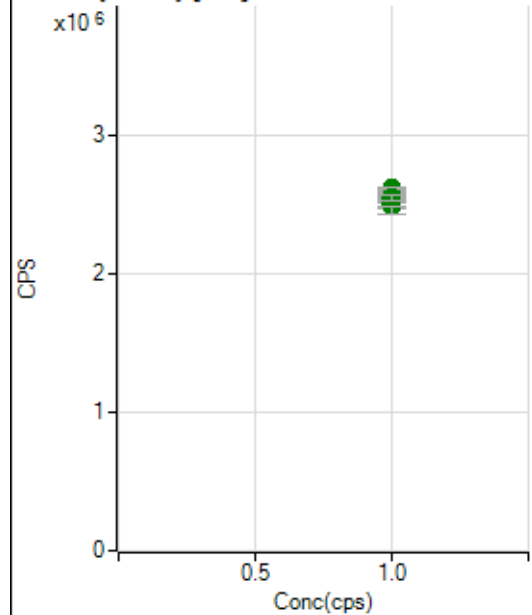
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4371474.54		A	4.2
2	☐	1.000		4587938.83		A	0.3
3	☐	1.000		4658793.64		A	1.5
4	☐	1.000		4488811.73		A	2.4
5	☐	1.000		4680541.61		A	0.5
6	☐	1.000		4649168.93		A	0.2
7	☐	1.000		4642827.60		A	0.7
8	☐	1.000		4639155.41		A	2.3

115 In (ISTD) [He]

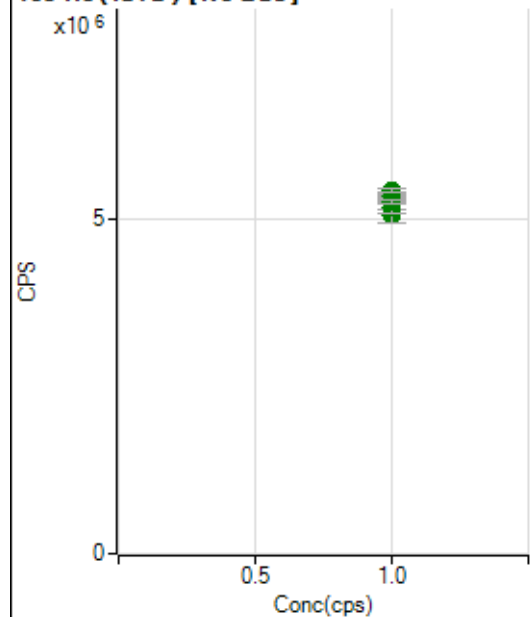
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		735896.86		P	0.6
2	☐	1.000		734097.57		P	3.2
3	☐	1.000		732170.40		P	5.7
4	☐	1.000		750738.10		P	0.7
5	☐	1.000		749821.66		P	0.2
6	☐	1.000		726404.65		P	4.0
7	☐	1.000		737043.39		P	0.6
8	☐	1.000		750291.88		P	1.0

159 Tb (ISTD) [No Gas]

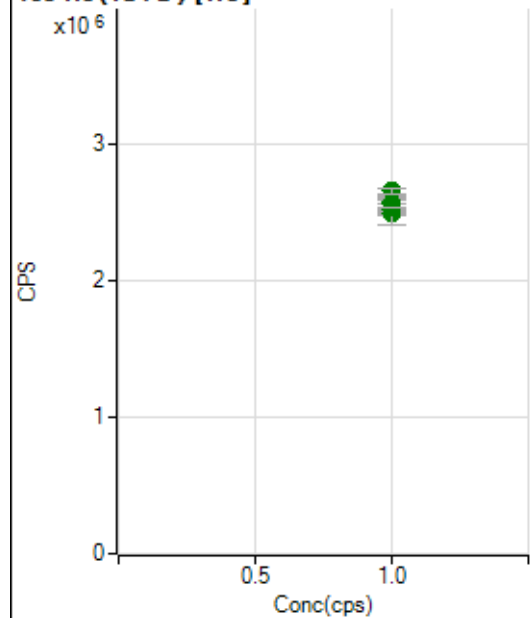
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5284764.99		A	5.7
2	☐	1.000		5526691.10		A	0.9
3	☐	1.000		5556702.70		A	0.3
4	☐	1.000		5440958.01		A	3.9
5	☐	1.000		5620898.32		A	0.6
6	☐	1.000		5709816.44		A	0.2
7	☐	1.000		5631005.96		A	1.3
8	☐	1.000		5465621.93		A	1.5

159 Tb (ISTD) [He]

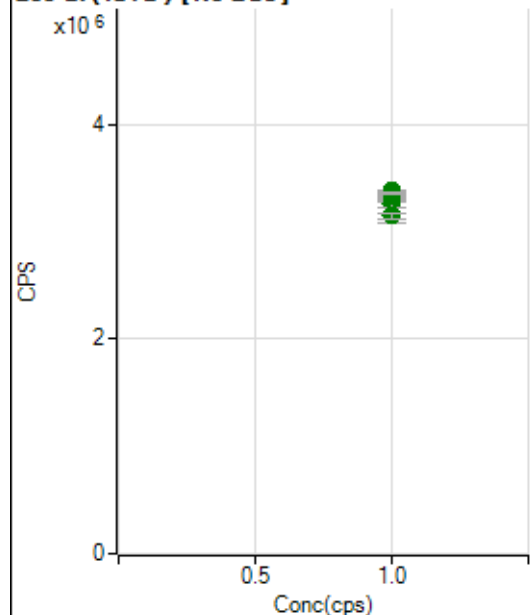
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2496337.12		A	1.2
2	☐	1.000		2513099.70		A	2.1
3	☐	1.000		2501856.91		A	5.4
4	☐	1.000		2562738.95		A	0.4
5	☐	1.000		2574148.45		A	1.2
6	☐	1.000		2547752.24		A	4.1
7	☐	1.000		2623969.68		A	0.2
8	☐	1.000		2553556.39		A	1.6

165 Ho (ISTD) [No Gas]

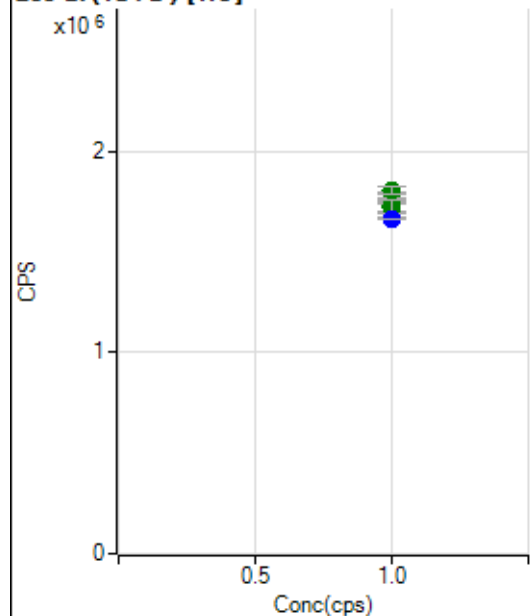
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5038023.38		A	4.3
2	☐	1.000		5228857.19		A	0.5
3	☐	1.000		5305767.44		A	0.9
4	☐	1.000		5174967.65		A	3.8
5	☐	1.000		5337182.54		A	1.2
6	☐	1.000		5401921.52		A	0.2
7	☐	1.000		5414227.85		A	1.1
8	☐	1.000		5252729.72		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2512277.04		A	1.4
2	☐	1.000		2528617.81		A	3.2
3	☐	1.000		2500032.81		A	7.2
4	☐	1.000		2586919.96		A	1.3
5	☐	1.000		2615914.37		A	0.7
6	☐	1.000		2563218.54		A	4.4
7	☐	1.000		2661646.99		A	1.6
8	☐	1.000		2540892.97		A	0.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3154035.19		A	4.3
2	☐	1.000		3282993.60		A	0.6
3	☐	1.000		3320512.66		A	0.7
4	☐	1.000		3258413.66		A	2.6
5	☐	1.000		3329098.39		A	0.6
6	☐	1.000		3378869.19		A	0.2
7	☐	1.000		3355791.30		A	0.5
8	☐	1.000		3144634.71		A	1.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1743398.25		A	0.2
2	☐	1.000		1729516.21		A	3.0
3	☐	1.000		1730450.83		A	6.6
4	☐	1.000		1792866.52		A	0.7
5	☐	1.000		1786085.70		A	1.5
6	☐	1.000		1725298.01		A	3.8
7	☐	1.000		1804161.54		A	2.2
8	☐	1.000		1664701.28		P	0.2

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8041420 MS.b
Acq. Date-Time 2020-04-14 14:13:54
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		2932	29316.55			0.247	5.000
24		39032	390316.41			0.504	5.000
25		5521	55211.42			0.281	5.000
26		6431	64312.91			0.856	5.000
59		23952	239517.44			0.318	5.000
113		4550	45504.37			0.584	5.000
115		12956	129561.73			0.747	5.000
206		5887	58868.59			0.733	5.000
207		5111	51108.33			1.041	5.000
208		12098	120979.13			0.926	5.000
220		0	3.50			22.588	

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

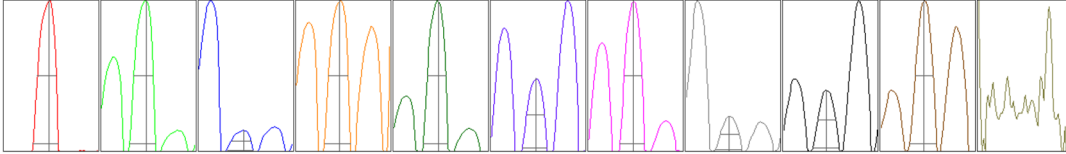
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2937	2936	2931	2919	2935
24	38865	39050	39273	38806	39164
25	5511	5536	5502	5520	5537
26	6418	6526	6406	6422	6384
59	23935	23892	23986	23879	24065
113	4534	4546	4529	4596	4547
115	13007	12992	13019	12978	12785
206	5837	5860	5948	5909	5880
207	5082	5082	5132	5194	5064
208	12041	12001	12216	12223	12009

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	5162.47	8.95	8.90 - 9.10	
24	67134.97	23.95	23.90 - 24.10	
25	9075.18	24.95	24.90 - 25.10	
26	10584.58	25.90	25.90 - 26.10	
59	42483.97	58.95	58.90 - 59.10	
113	8341.94	112.95	112.90 - 113.10	
115	24082.53	114.95	114.90 - 115.10	
206	10424.19	205.90	205.90 - 206.10	
207	8752.87	206.90	206.90 - 207.10	
208	21655.26	207.90	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.61	0.784	0.900	
24	0.63	0.818	0.900	
25	0.64	0.828	0.900	
26	0.64	0.824	0.900	
59	0.59	0.782	0.900	
113	0.56	0.778	0.900	
115	0.56	0.776	0.900	
206	0.59	0.831	0.900	
207	0.59	0.832	0.900	
208	0.58	0.857	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode HMI Nebulizer Gas 0.51 L/min Dilution Gas 0.46 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.8 V	Deflect	15.6 V
Extract 2	-235.0 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	122	Axis Gain	0.9994	QP Bias	-4.0 V
Mass Offset	123	Axis Offset	-0.07		

Hardware Settings

Torch

Torch H	0.4 mm	Torch V	0.0 mm

EM

Discriminator	3.9 mV	Analog HV	2167 V	Pulse HV	1179 V

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		5916	59163.94			1.719	
89		12553	125528.47			1.866	
205		14087	140866.47			1.782	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5738	5972	5968	5927	5978
89	12135	12680	12642	12643	12665
205	13647	14256	14236	14164	14130

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	HMI	Nebulizer Gas	0.51 L/min	Dilution Gas	0.46 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.8 V	Deflect	3.6 V

US EPA Tune Check Report

Extract 2	-235.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9994	QP Bias	-13.0 V
Mass Offset	123	Axis Offset	-0.07		
Hardware Settings					
Torch					
Torch H	0.4 mm	Torch V	0.0 mm		
EM					
Discriminator	3.9 mV	Analog HV	2167 V	Pulse HV	1179 V

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:47:22	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	263	320	291	9.74	cps
Antimony	121-1	17	8	17	14	34.67	cps
Arsenic	75-2	7	2	4	4	58.08	cps
Barium	135-1	17	25	8	17	50.01	cps
Barium	137-1	8	8	8	8	0.00	cps
Beryllium	9-1	22	44	30	32	34.79	cps
Bismuth	209-1	3294093	3022906	3145106	3154035	4.31	cps
Bismuth	209-2	1741956	1747704	1740534	1743398	0.22	cps
Boron	11-1	378	320	318	339	10.06	cps
Boron	10-1	100	80	78	86	14.14	cps
Bromine	81-1	1842	1702	1752	1765	4.02	cps
Cadmium	106-1	1375	1275	1517	1389	8.74	cps
Cadmium	108-1	8	4	13	8	49.98	cps
Cadmium	111-1	957	902	1057	972	8.09	cps
Calcium	43-1	242	358	200	267	30.78	cps
Calcium	44-1	18462	17761	17678	17967	2.40	cps
Chromium	52-2	1210	1353	1203	1256	6.75	cps
Cobalt	59-2	53	40	43	46	15.23	cps
Copper	63-2	353	343	333	343	2.91	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	33	17	50	33	50.00	cps
Gadolinium	160-2	23	3	10	12	83.33	cps
Holmium	165-1	5227847	4800890	5085334	5038023	4.31	cps
Holmium	165-2	2494704	2553462	2488666	2512277	1.42	cps
Indium	115-1	4537801	4171048	4405574	4371475	4.25	cps
Indium	115-2	738072	738508	731111	735897	0.56	cps
Iron	54-2	400	344	400	381	8.41	cps
Iron	56-2	2145	2195	2156	2165	1.21	cps
Iron	57-2	100	106	50	85	35.92	cps
Krypton	83-1	720	700	750	723	3.48	cps
Lead	207-1	1172	1289	1345	1269	6.93	cps
Lead	208-1	6079	6073	6145	6099	0.66	cps
Lead	206-1	1528	1439	1595	1520	5.13	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:47:22	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1039895	965086	1005340	1003440	3.73	cps
Magnesium	24-2	275	167	183	208	28.00	cps
Manganese	55-2	93	70	63	76	20.85	cps
Molybdenum	94-1	83	117	125	108	20.35	cps
Molybdenum	95-1	8	17	0	8	100.02	cps
Molybdenum	96-1	58	92	100	83	26.46	cps
Molybdenum	97-1	8	17	0	8	100.02	cps
Molybdenum	98-1	0	25	0	8	173.21	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	67	83	78	12.37	cps
Phosphorus	31-2	183	175	167	175	4.76	cps
Potassium	39-2	15684	16126	15550	15787	1.91	cps
Rhodium	103-1	4430981	4031227	4260590	4240933	4.73	cps
Rhodium	103-2	2173331	2247983	2217032	2212782	1.70	cps
Scandium	45-1	2745291	2529165	2632228	2635561	4.10	cps
Scandium	45-2	92307	93136	92519	92654	0.46	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	34	23	39	32	25.58	cps
Selenium	82-1	144	126	181	150	18.60	cps
Silicon	28-1	476114	480369	478492	478325	0.45	cps
Silver	109-1	33	17	8	19	65.47	cps
Silver	107-1	50	25	25	33	43.30	cps
Sodium	23-2	16126	16092	16368	16195	0.93	cps
Strontium	86-1	933	1042	925	967	6.73	cps
Strontium	88-1	108	183	83	125	41.63	cps
Sulfur	34-1	414812	414581	412523	413972	0.30	cps
Terbium	159-1	5541870	4952193	5360232	5284765	5.71	cps
Terbium	159-2	2531559	2480901	2476552	2496337	1.22	cps
Thallium	203-1	75	117	92	94	22.21	cps
Thallium	205-1	175	208	225	203	12.55	cps
Tin	118-1	200	233	242	225	9.80	cps
Titanium	47-1	325	358	375	353	7.22	cps
Uranium	238-1	8	8	0	6	86.60	cps
Vanadium	51-2	20	3	7	10	88.20	cps
Yttrium	89-1	6515880	5804335	6262336	6194183	5.82	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:47:22	DataFile Name :	002CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	745317	745332	741186	743945	0.32	cps
Zinc	66-2	96	80	86	88	9.54	cps
Zirconium	90-1	292	275	292	286	3.36	cps
Zirconium	91-1	75	42	92	69	36.66	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:56:36	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	670	623	637	643	3.74	cps
Antimony	121-1	7194	7035	7694	7308	4.71	cps
Arsenic	75-2	141	118	120	126	10.09	cps
Barium	135-1	7277	6785	7277	7113	3.99	cps
Barium	137-1	13657	12506	13148	13104	4.40	cps
Beryllium	9-1	620	570	618	603	4.70	cps
Bismuth	209-1	3262703	3299650	3286628	3282994	0.57	cps
Bismuth	209-2	1775336	1741032	1672180	1729516	3.04	cps
Boron	11-1	5492	6164	6720	6125	10.04	cps
Boron	10-1	1168	1356	1386	1303	9.07	cps
Bromine	81-1	1842	1732	1482	1685	10.96	cps
Cadmium	106-1	1500	1625	1400	1508	7.47	cps
Cadmium	108-1	88	50	88	75	28.87	cps
Cadmium	111-1	1826	2128	1719	1891	11.21	cps
Calcium	43-1	4334	4601	4142	4359	5.28	cps
Calcium	44-1	88162	86744	84037	86314	2.43	cps
Chromium	52-2	2967	3057	2804	2943	4.37	cps
Cobalt	59-2	1563	1547	1650	1587	3.50	cps
Copper	63-2	2817	2874	2747	2813	2.26	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	13	23	10	16	44.60	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	17	17	23	19	20.36	cps
Holmium	165-1	5199651	5236729	5250192	5228857	0.50	cps
Holmium	165-2	2514999	2614274	2456581	2528618	3.15	cps
Indium	115-1	4598842	4589852	4575122	4587939	0.26	cps
Indium	115-2	749475	745437	707380	734098	3.16	cps
Iron	54-2	2395	2295	2339	2343	2.14	cps
Iron	56-2	38697	38920	39009	38875	0.41	cps
Iron	57-2	978	1028	983	996	2.75	cps
Krypton	83-1	727	720	753	733	2.41	cps
Lead	207-1	3100	2939	3039	3026	2.69	cps
Lead	208-1	13992	14059	13859	13970	0.73	cps
Lead	206-1	3473	3556	3567	3532	1.46	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:56:36	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1032843	1056348	1036458	1041883	1.21	cps
Magnesium	24-2	25272	26224	26065	25854	1.97	cps
Manganese	55-2	473	470	583	509	12.67	cps
Molybdenum	94-1	6677	6552	6593	6607	0.96	cps
Molybdenum	95-1	8603	8203	8386	8397	2.39	cps
Molybdenum	96-1	9520	9362	9220	9367	1.60	cps
Molybdenum	97-1	5785	5285	5143	5404	6.24	cps
Molybdenum	98-1	12981	13557	13449	13329	2.29	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	637	470	620	576	15.95	cps
Phosphorus	31-2	117	292	242	217	41.60	cps
Potassium	39-2	35419	35001	35644	35355	0.92	cps
Rhodium	103-1	4458413	4381263	4433726	4424467	0.89	cps
Rhodium	103-2	2263596	2242364	2155267	2220409	2.59	cps
Scandium	45-1	2787191	2764759	2790634	2780861	0.51	cps
Scandium	45-2	92700	94163	88494	91786	3.21	cps
Selenium	77-2	13	23	17	18	28.64	cps
Selenium	78-2	53	69	65	62	13.36	cps
Selenium	82-1	387	449	436	424	7.74	cps
Silicon	28-1	497462	492179	496223	495288	0.56	cps
Silver	109-1	3884	4117	3959	3987	2.99	cps
Silver	107-1	4042	4051	4201	4098	2.18	cps
Sodium	23-2	65866	65497	66519	65961	0.78	cps
Strontium	86-1	1658	2125	2217	2000	14.97	cps
Strontium	88-1	8511	8036	8686	8411	4.00	cps
Sulfur	34-1	413675	411589	412815	412693	0.25	cps
Terbium	159-1	5474331	5533620	5572123	5526691	0.89	cps
Terbium	159-2	2557615	2527902	2453782	2513100	2.13	cps
Thallium	203-1	2459	2659	2425	2514	5.02	cps
Thallium	205-1	6393	6610	6519	6507	1.67	cps
Tin	118-1	13257	13190	13273	13240	0.33	cps
Titanium	47-1	2492	2825	2784	2700	6.73	cps
Uranium	238-1	7661	7594	7169	7475	3.57	cps
Vanadium	51-2	3731	3480	3774	3662	4.33	cps
Yttrium	89-1	6503240	6509760	6502695	6505231	0.06	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:56:36	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	757539	759366	730369	749091	2.17	cps
Zinc	66-2	519	462	482	488	5.89	cps
Zirconium	90-1	4976	4976	5318	5090	3.88	cps
Zirconium	91-1	1200	1250	1150	1200	4.17	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 14:59:38 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17978	18212	18008	18066	0.70	cps
Antimony	121-1	189771	190356	190286	190138	0.17	cps
Arsenic	75-2	5807	6022	6069	5966	2.34	cps
Barium	135-1	179822	182450	181316	181196	0.73	cps
Barium	137-1	315030	315820	317142	315997	0.34	cps
Beryllium	9-1	28846	29732	28975	29184	1.64	cps
Bismuth	209-1	3299230	3314905	3347403	3320513	0.74	cps
Bismuth	209-2	1773487	1817613	1600252	1730451	6.64	cps
Boron	11-1	10560	11692	12521	11591	8.49	cps
Boron	10-1	2202	2476	2734	2470	10.77	cps
Bromine	81-1	1832	1562	1892	1762	9.99	cps
Cadmium	106-1	5910	5918	5476	5768	4.38	cps
Cadmium	108-1	3109	2938	3050	3032	2.86	cps
Cadmium	111-1	43498	43356	43085	43313	0.48	cps
Calcium	43-1	41243	42488	43425	42385	2.58	cps
Calcium	44-1	718001	731290	709440	719577	1.53	cps
Chromium	52-2	44666	45268	44750	44895	0.73	cps
Cobalt	59-2	80492	80472	80965	80643	0.35	cps
Copper	63-2	628065	627710	630445	628740	0.24	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	7	0	10	6	91.64	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	5260713	5300592	5355997	5305767	0.90	cps
Holmium	165-2	2569773	2635380	2294945	2500033	7.22	cps
Indium	115-1	4648453	4592574	4735354	4658794	1.54	cps
Indium	115-2	746696	764462	685354	732170	5.67	cps
Iron	54-2	95472	95288	95539	95433	0.14	cps
Iron	56-2	1750132	1777217	1742789	1756713	1.03	cps
Iron	57-2	42536	43477	43399	43138	1.21	cps
Krypton	83-1	640	673	627	647	3.72	cps
Lead	207-1	470119	474405	470254	471592	0.52	cps
Lead	208-1	2113766	2150327	2123341	2129145	0.89	cps
Lead	206-1	524807	531037	523128	526324	0.79	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:59:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1040310	1052687	1066248	1053081	1.23	cps
Magnesium	24-2	261846	263131	268036	264338	1.24	cps
Manganese	55-2	205834	205754	206009	205866	0.06	cps
Molybdenum	94-1	324130	330829	328413	327791	1.03	cps
Molybdenum	95-1	396644	400325	407208	401392	1.34	cps
Molybdenum	96-1	444775	441540	442325	442880	0.38	cps
Molybdenum	97-1	250099	253237	245673	249670	1.52	cps
Molybdenum	98-1	636238	645811	641926	641325	0.75	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	22214	22384	22414	22338	0.48	cps
Phosphorus	31-2	1333	1200	1292	1275	5.35	cps
Potassium	39-2	114292	113671	112622	113528	0.74	cps
Rhodium	103-1	4403270	4503398	4493487	4466719	1.24	cps
Rhodium	103-2	2211805	2263643	2041257	2172235	5.36	cps
Scandium	45-1	2799309	2800019	2815962	2805097	0.34	cps
Scandium	45-2	93035	94800	84686	90840	5.95	cps
Selenium	77-2	77	70	80	76	6.74	cps
Selenium	78-2	318	312	294	308	4.06	cps
Selenium	82-1	2884	2780	2734	2799	2.73	cps
Silicon	28-1	581540	582477	582432	582150	0.09	cps
Silver	109-1	199058	196419	201498	198992	1.28	cps
Silver	107-1	208128	211063	210396	209862	0.73	cps
Sodium	23-2	510253	521591	513307	515051	1.14	cps
Strontium	86-1	48861	49472	49973	49435	1.13	cps
Strontium	88-1	420496	425558	423717	423257	0.61	cps
Sulfur	34-1	428966	429369	431246	429860	0.28	cps
Terbium	159-1	5564965	5536440	5568703	5556703	0.32	cps
Terbium	159-2	2531912	2620183	2353475	2501857	5.43	cps
Thallium	203-1	132060	129046	132068	131058	1.33	cps
Thallium	205-1	310222	320896	312370	314496	1.80	cps
Tin	118-1	128786	127388	128600	128258	0.59	cps
Titanium	47-1	104882	105244	105243	105123	0.20	cps
Uranium	238-1	385913	393888	388721	389507	1.04	cps
Vanadium	51-2	35160	35481	34027	34889	2.19	cps
Yttrium	89-1	6632031	6599765	6671265	6634354	0.54	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 14:59:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	757934	768708	693447	740030	5.50	cps
Zinc	66-2	84128	85134	84447	84569	0.61	cps
Zirconium	90-1	269492	267512	271777	269594	0.79	cps
Zirconium	91-1	58967	60473	61846	60429	2.38	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:02:37	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44364	43642	43528	43845	1.03	cps
Antimony	121-1	471014	469601	466805	469140	0.46	cps
Arsenic	75-2	15178	15290	15392	15286	0.70	cps
Barium	135-1	459835	447083	445900	450939	1.71	cps
Barium	137-1	800526	780787	792490	791268	1.25	cps
Beryllium	9-1	72731	74228	73561	73507	1.02	cps
Bismuth	209-1	3344233	3256460	3174548	3258414	2.60	cps
Bismuth	209-2	1801136	1777576	1799888	1792867	0.74	cps
Boron	11-1	24477	28656	30792	27975	11.48	cps
Boron	10-1	4946	5642	6476	5688	13.47	cps
Bromine	81-1	2012	1712	1792	1839	8.46	cps
Cadmium	106-1	12047	12239	11272	11853	4.32	cps
Cadmium	108-1	7381	7415	7481	7426	0.69	cps
Cadmium	111-1	106461	105569	104296	105442	1.03	cps
Calcium	43-1	103656	105596	108088	105780	2.10	cps
Calcium	44-1	1714805	1713230	1753595	1727210	1.32	cps
Chromium	52-2	111634	111433	111003	111357	0.29	cps
Cobalt	59-2	203630	201351	199908	201630	0.93	cps
Copper	63-2	1553850	1569188	1604747	1575928	1.66	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	42	50	50	47	10.18	cps
Gadolinium	160-2	27	33	20	27	24.99	cps
Holmium	165-1	5370289	5179455	4975158	5174968	3.82	cps
Holmium	165-2	2601117	2612165	2547478	2586920	1.34	cps
Indium	115-1	4614180	4431278	4420977	4488812	2.42	cps
Indium	115-2	751934	744865	755415	750738	0.72	cps
Iron	54-2	244237	241497	239571	241768	0.97	cps
Iron	56-2	4391696	4386726	4352370	4376931	0.49	cps
Iron	57-2	109858	108425	109074	109119	0.66	cps
Krypton	83-1	727	740	703	723	2.57	cps
Lead	207-1	1177723	1177725	1178748	1178066	0.05	cps
Lead	208-1	5431012	5369228	5348756	5382999	0.80	cps
Lead	206-1	1336857	1326215	1308605	1323892	1.08	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:02:37 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1068580	1040953	1008664	1039399	2.89	cps
Magnesium	24-2	666397	667814	654092	662768	1.14	cps
Manganese	55-2	516472	512808	513324	514201	0.39	cps
Molybdenum	94-1	814552	817519	816868	816313	0.19	cps
Molybdenum	95-1	1000979	1006128	992599	999902	0.68	cps
Molybdenum	96-1	1113128	1114389	1100218	1109245	0.71	cps
Molybdenum	97-1	627598	616103	620366	621355	0.94	cps
Molybdenum	98-1	1613848	1562887	1582499	1586411	1.62	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	56301	57040	56813	56718	0.67	cps
Phosphorus	31-2	3350	3117	3117	3195	4.22	cps
Potassium	39-2	267189	263797	261234	264073	1.13	cps
Rhodium	103-1	4487488	4348440	4189883	4341937	3.43	cps
Rhodium	103-2	2247949	2220812	2243104	2237288	0.65	cps
Scandium	45-1	2795497	2751725	2668636	2738619	2.35	cps
Scandium	45-2	94116	93210	93633	93653	0.48	cps
Selenium	77-2	210	177	220	202	11.22	cps
Selenium	78-2	739	736	713	729	1.95	cps
Selenium	82-1	6528	6460	6616	6535	1.20	cps
Silicon	28-1	737279	749837	756357	747824	1.30	cps
Silver	109-1	506738	501754	494676	501056	1.21	cps
Silver	107-1	516554	518686	516834	517358	0.22	cps
Sodium	23-2	1264785	1274515	1257255	1265519	0.68	cps
Strontium	86-1	122652	121879	123022	122518	0.48	cps
Strontium	88-1	1063368	1055146	1055646	1058053	0.44	cps
Sulfur	34-1	442432	446428	440808	443223	0.65	cps
Terbium	159-1	5670849	5396919	5255106	5440958	3.88	cps
Terbium	159-2	2562408	2572064	2553746	2562739	0.36	cps
Thallium	203-1	334034	323296	323557	326962	1.87	cps
Thallium	205-1	791455	778830	772054	780780	1.26	cps
Tin	118-1	319751	314520	315074	316448	0.91	cps
Titanium	47-1	260453	263244	262823	262173	0.57	cps
Uranium	238-1	979557	975518	961641	972239	0.97	cps
Vanadium	51-2	87559	87794	87120	87491	0.39	cps
Yttrium	89-1	6716957	6459567	6250817	6475780	3.61	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:02:37	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	761722	757947	767942	762537	0.66	cps
Zinc	66-2	213223	212602	213737	213187	0.27	cps
Zirconium	90-1	669327	670988	668079	669465	0.22	cps
Zirconium	91-1	149100	148705	147340	148381	0.62	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:05:37 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	87337	86884	85714	86645	0.97	cps
Antimony	121-1	949366	958423	950895	952895	0.51	cps
Arsenic	75-2	30485	30069	30351	30302	0.70	cps
Barium	135-1	906089	914529	910737	910452	0.46	cps
Barium	137-1	1558951	1566600	1569758	1565103	0.36	cps
Beryllium	9-1	146517	147542	147251	147103	0.36	cps
Bismuth	209-1	3311564	3350782	3324949	3329098	0.60	cps
Bismuth	209-2	1763005	1779050	1816202	1786086	1.53	cps
Boron	11-1	48704	56290	61582	55525	11.66	cps
Boron	10-1	10025	11442	12469	11312	10.85	cps
Bromine	81-1	2022	1862	2202	2029	8.39	cps
Cadmium	106-1	22102	23128	22711	22647	2.28	cps
Cadmium	108-1	14804	14429	15526	14919	3.74	cps
Cadmium	111-1	212016	214089	212111	212739	0.55	cps
Calcium	43-1	208561	214044	211015	211207	1.30	cps
Calcium	44-1	3395864	3454232	3431419	3427172	0.86	cps
Chromium	52-2	221471	219877	220088	220479	0.39	cps
Cobalt	59-2	402021	398317	399557	399965	0.47	cps
Copper	63-2	3127569	3134209	3111962	3124580	0.37	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	50	33	58	47	26.96	cps
Erbium	164-2	30	17	13	20	44.10	cps
Gadolinium	160-1	58	25	25	36	53.29	cps
Gadolinium	160-2	13	30	20	21	39.75	cps
Holmium	165-1	5345283	5270211	5396053	5337183	1.19	cps
Holmium	165-2	2596232	2630406	2621105	2615914	0.68	cps
Indium	115-1	4664707	4671390	4705528	4680542	0.47	cps
Indium	115-2	749809	750965	748692	749822	0.15	cps
Iron	54-2	477019	482435	477205	478887	0.64	cps
Iron	56-2	8637640	8596970	8541295	8591968	0.56	cps
Iron	57-2	217315	217179	215991	216829	0.34	cps
Krypton	83-1	677	677	593	649	7.41	cps
Lead	207-1	2502841	2460355	2471343	2478180	0.89	cps
Lead	208-1	10885975	10944957	10928223	10919719	0.28	cps
Lead	206-1	2695333	2715178	2687359	2699290	0.53	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:05:37	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1066958	1074027	1072962	1071316	0.36	cps
Magnesium	24-2	1321111	1297146	1317628	1311962	0.99	cps
Manganese	55-2	1028877	1020884	1012233	1020665	0.82	cps
Molybdenum	94-1	1588192	1582282	1627274	1599249	1.53	cps
Molybdenum	95-1	1991562	2005560	1967529	1988217	0.97	cps
Molybdenum	96-1	2206391	2228838	2255145	2230125	1.09	cps
Molybdenum	97-1	1241901	1241098	1251354	1244784	0.46	cps
Molybdenum	98-1	3186904	3158660	3123422	3156329	1.01	cps
Neodymium	150-1	13	27	27	22	34.66	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	111556	108819	110811	110395	1.28	cps
Phosphorus	31-2	6076	6368	5443	5962	7.93	cps
Potassium	39-2	510027	508101	502295	506808	0.79	cps
Rhodium	103-1	4361490	4504697	4442437	4436208	1.62	cps
Rhodium	103-2	2214521	2218875	2232189	2221862	0.41	cps
Scandium	45-1	2850635	2849939	2819938	2840170	0.62	cps
Scandium	45-2	93083	94706	93592	93794	0.89	cps
Selenium	77-2	377	397	343	372	7.24	cps
Selenium	78-2	1427	1428	1379	1412	1.98	cps
Selenium	82-1	13167	13145	13191	13168	0.17	cps
Silicon	28-1	853074	877252	898152	876160	2.57	cps
Silver	109-1	992039	1001359	1005909	999769	0.71	cps
Silver	107-1	1030196	1052824	1040675	1041232	1.09	cps
Sodium	23-2	2513997	2503903	2491652	2503184	0.45	cps
Strontium	86-1	236358	241179	243696	240411	1.55	cps
Strontium	88-1	2085705	2116206	2096040	2099317	0.74	cps
Sulfur	34-1	469757	470170	470293	470073	0.06	cps
Terbium	159-1	5616162	5658755	5587778	5620898	0.64	cps
Terbium	159-2	2567111	2608238	2547097	2574148	1.21	cps
Thallium	203-1	664799	658893	659542	661078	0.49	cps
Thallium	205-1	1581136	1566201	1566304	1571214	0.55	cps
Tin	118-1	636937	638731	643956	639875	0.57	cps
Titanium	47-1	526643	521785	528489	525639	0.66	cps
Uranium	238-1	1972610	1987954	1983544	1981369	0.40	cps
Vanadium	51-2	174527	172378	171507	172804	0.90	cps
Yttrium	89-1	6604939	6595967	6600101	6600336	0.07	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:05:37	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	769389	765019	759783	764730	0.63	cps
Zinc	66-2	418398	419876	414646	417640	0.65	cps
Zirconium	90-1	1335166	1359303	1344496	1346322	0.90	cps
Zirconium	91-1	294047	300604	299777	298142	1.20	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:08:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	175171	176877	169552	173867	2.20	cps
Antimony	121-1	1892308	1865433	1879765	1879169	0.72	cps
Arsenic	75-2	60358	60880	58302	59847	2.28	cps
Barium	135-1	1821032	1790636	1814979	1808882	0.89	cps
Barium	137-1	3157254	3184715	3153527	3165165	0.54	cps
Beryllium	9-1	293913	299953	296882	296916	1.02	cps
Bismuth	209-1	3386277	3377132	3373198	3378869	0.20	cps
Bismuth	209-2	1675514	1798543	1701837	1725298	3.75	cps
Boron	11-1	101231	112158	122338	111909	9.43	cps
Boron	10-1	20360	23214	25186	22920	10.59	cps
Bromine	81-1	1822	1522	1832	1725	10.22	cps
Cadmium	106-1	43904	42566	44205	43558	2.00	cps
Cadmium	108-1	29611	30358	29661	29877	1.40	cps
Cadmium	111-1	423236	424033	422658	423309	0.16	cps
Calcium	43-1	426064	427503	427459	427009	0.19	cps
Calcium	44-1	6697629	6766147	6868349	6777375	1.27	cps
Chromium	52-2	436293	439976	424301	433523	1.89	cps
Cobalt	59-2	786273	801668	772015	786652	1.89	cps
Copper	63-2	6110074	6180322	5917701	6069366	2.24	cps
Dysprosium	156-1	42	50	50	47	10.18	cps
Dysprosium	156-2	10	20	13	14	35.26	cps
Erbium	164-1	67	25	25	39	61.86	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	67	67	75	69	6.93	cps
Gadolinium	160-2	33	40	7	27	66.13	cps
Holmium	165-1	5398644	5394150	5412971	5401922	0.18	cps
Holmium	165-2	2455286	2678619	2555751	2563219	4.36	cps
Indium	115-1	4637055	4658678	4651773	4649169	0.24	cps
Indium	115-2	696220	754278	728716	726405	4.01	cps
Iron	54-2	944858	955312	920067	940079	1.93	cps
Iron	56-2	17149363	17374235	16502848	17008815	2.66	cps
Iron	57-2	427787	433209	415609	425535	2.12	cps
Krypton	83-1	583	697	627	636	9.00	cps
Lead	207-1	4918838	4958400	4907130	4928123	0.55	cps
Lead	208-1	21606292	21903845	21930417	21813518	0.82	cps
Lead	206-1	5350080	5424158	5464023	5412754	1.07	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:08:35	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1083315	1089150	1096524	1089663	0.61	cps
Magnesium	24-2	2545322	2628289	2512556	2562056	2.33	cps
Manganese	55-2	2081793	2059507	1985125	2042142	2.48	cps
Molybdenum	94-1	3214547	3229482	3233778	3225936	0.31	cps
Molybdenum	95-1	3965660	3972630	3960878	3966389	0.15	cps
Molybdenum	96-1	4417401	4383198	4378205	4392935	0.49	cps
Molybdenum	97-1	2490437	2476951	2414428	2460605	1.65	cps
Molybdenum	98-1	6252145	6247362	6337472	6278993	0.81	cps
Neodymium	150-1	60	53	53	56	6.93	cps
Neodymium	150-2	0	13	0	4	173.21	cps
Nickel	60-2	221949	223494	215651	220365	1.89	cps
Phosphorus	31-2	11238	11663	11346	11416	1.94	cps
Potassium	39-2	979291	1006044	962618	982651	2.23	cps
Rhodium	103-1	4486371	4372848	4389415	4416211	1.39	cps
Rhodium	103-2	2074567	2267203	2191032	2177600	4.46	cps
Scandium	45-1	2808885	2800921	2783926	2797911	0.46	cps
Scandium	45-2	86731	95931	92727	91796	5.09	cps
Selenium	77-2	783	810	713	769	6.49	cps
Selenium	78-2	2708	2690	2662	2686	0.86	cps
Selenium	82-1	26544	25770	26202	26172	1.48	cps
Silicon	28-1	1263949	1295871	1316510	1292110	2.05	cps
Silver	109-1	2007042	1970065	1973557	1983555	1.03	cps
Silver	107-1	2064017	2061090	2068858	2064655	0.19	cps
Sodium	23-2	4804331	4959400	4789149	4850960	1.94	cps
Strontium	86-1	488232	490817	486652	488567	0.43	cps
Strontium	88-1	4174810	4118799	4158368	4150659	0.69	cps
Sulfur	34-1	524257	523241	520120	522539	0.41	cps
Terbium	159-1	5704451	5701913	5723086	5709816	0.20	cps
Terbium	159-2	2440485	2648494	2554278	2547752	4.09	cps
Thallium	203-1	1316986	1337911	1340613	1331837	0.97	cps
Thallium	205-1	3111324	3157422	3183331	3150693	1.16	cps
Tin	118-1	1287726	1275053	1282849	1281876	0.50	cps
Titanium	47-1	1047416	1058849	1064361	1056875	0.82	cps
Uranium	238-1	3932057	4000257	3996719	3976344	0.97	cps
Vanadium	51-2	341270	346429	335629	341110	1.58	cps
Yttrium	89-1	6692477	6648211	6526037	6622242	1.30	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:08:35	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	714368	772934	749776	745693	3.96	cps
Zinc	66-2	818333	837255	794412	816667	2.63	cps
Zirconium	90-1	2675849	2655192	2660950	2663997	0.40	cps
Zirconium	91-1	603844	606983	599689	603505	0.61	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:11:36 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	343276	341803	343803	342961	0.30	cps
Antimony	121-1	3737896	3762121	3668293	3722770	1.31	cps
Arsenic	75-2	118747	119606	119200	119184	0.36	cps
Barium	135-1	3549813	3583974	3617639	3583809	0.95	cps
Barium	137-1	6250516	6219259	6215464	6228413	0.31	cps
Beryllium	9-1	581234	584681	584461	583459	0.33	cps
Bismuth	209-1	3368482	3363021	3335870	3355791	0.52	cps
Bismuth	209-2	1771468	1791796	1849221	1804162	2.24	cps
Boron	11-1	206139	229093	249611	228281	9.53	cps
Boron	10-1	41819	47523	50530	46624	9.49	cps
Bromine	81-1	1802	1822	1822	1815	0.64	cps
Cadmium	106-1	85104	86588	85691	85794	0.87	cps
Cadmium	108-1	58377	59611	59658	59215	1.23	cps
Cadmium	111-1	827204	841899	836041	835048	0.89	cps
Calcium	43-1	843360	849690	849774	847608	0.43	cps
Calcium	44-1	13513254	13422941	13644226	13526807	0.82	cps
Chromium	52-2	849552	859154	854828	854512	0.56	cps
Cobalt	59-2	1570639	1559749	1565402	1565264	0.35	cps
Copper	63-2	11946606	11891998	11953651	11930751	0.28	cps
Dysprosium	156-1	92	108	67	89	23.59	cps
Dysprosium	156-2	20	23	3	16	68.90	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	20	20	20	20	0.00	cps
Gadolinium	160-1	117	83	50	83	40.00	cps
Gadolinium	160-2	33	67	27	42	50.76	cps
Holmium	165-1	5426646	5464693	5351345	5414228	1.07	cps
Holmium	165-2	2650845	2626242	2707854	2661647	1.57	cps
Indium	115-1	4637085	4679878	4611520	4642828	0.74	cps
Indium	115-2	733703	735037	742391	737043	0.63	cps
Iron	54-2	1873478	1864364	1899753	1879198	0.98	cps
Iron	56-2	33638034	33568058	33823253	33676448	0.39	cps
Iron	57-2	847947	839164	841061	842724	0.55	cps
Krypton	83-1	657	627	610	631	3.75	cps
Lead	207-1	9614446	9716455	9778942	9703281	0.86	cps
Lead	208-1	43249891	43528384	43441540	43406605	0.33	cps
Lead	206-1	10752696	10853422	10757491	10787870	0.53	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:11:36	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1048938	1077774	1055921	1060878	1.42	cps
Magnesium	24-2	5061107	5045516	5167632	5091418	1.31	cps
Manganese	55-2	4021193	3976936	4029714	4009281	0.71	cps
Molybdenum	94-1	6374035	6385352	6328014	6362467	0.48	cps
Molybdenum	95-1	7907365	7901020	7773819	7860734	0.96	cps
Molybdenum	96-1	8637462	8667391	8719703	8674852	0.48	cps
Molybdenum	97-1	4844603	4879426	4870956	4864995	0.37	cps
Molybdenum	98-1	12544515	12717992	12512414	12591640	0.88	cps
Neodymium	150-1	53	100	93	82	30.70	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	427459	433312	433647	431472	0.81	cps
Phosphorus	31-2	22368	21984	22518	22290	1.24	cps
Potassium	39-2	1939555	1923814	1934285	1932551	0.41	cps
Rhodium	103-1	4361622	4368130	4278505	4336086	1.15	cps
Rhodium	103-2	2176083	2179153	2205240	2186825	0.73	cps
Scandium	45-1	2828504	2786781	2803298	2806194	0.75	cps
Scandium	45-2	92331	92092	93224	92549	0.64	cps
Selenium	77-2	1513	1643	1577	1578	4.12	cps
Selenium	78-2	5501	5299	5412	5404	1.87	cps
Selenium	82-1	51557	51403	51634	51531	0.23	cps
Silicon	28-1	1914645	1914095	1942541	1923761	0.85	cps
Silver	109-1	3879898	3886886	3946020	3904268	0.93	cps
Silver	107-1	4121701	4081252	4088619	4097191	0.53	cps
Sodium	23-2	9635230	9563071	9770019	9656107	1.09	cps
Strontium	86-1	969729	962244	967732	966568	0.40	cps
Strontium	88-1	8259149	8148114	8122074	8176446	0.89	cps
Sulfur	34-1	629232	627868	621719	626273	0.64	cps
Terbium	159-1	5678112	5666406	5548499	5631006	1.27	cps
Terbium	159-2	2619562	2621248	2631099	2623970	0.24	cps
Thallium	203-1	2637040	2692525	2647158	2658907	1.11	cps
Thallium	205-1	6167214	6262554	6210471	6213413	0.77	cps
Tin	118-1	2551398	2559890	2543645	2551644	0.32	cps
Titanium	47-1	2104555	2032034	2080520	2072370	1.78	cps
Uranium	238-1	7840784	7894261	7897080	7877375	0.40	cps
Vanadium	51-2	681854	683040	681874	682256	0.10	cps
Yttrium	89-1	6648740	6658337	6451412	6586163	1.77	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:11:36	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	752612	756207	764807	757875	0.83	cps
Zinc	66-2	1630002	1647169	1652238	1643136	0.71	cps
Zirconium	90-1	5263436	5265059	5234755	5254417	0.32	cps
Zirconium	91-1	1185599	1203697	1193055	1194117	0.76	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:14:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1706367	1685484	1710434	1700762	0.79	cps
Antimony	121-1	2675	3134	2750	2853	8.62	cps
Arsenic	75-2	80	80	80	80	0.00	cps
Barium	135-1	6602	7269	6493	6788	6.19	cps
Barium	137-1	12273	12081	12639	12331	2.30	cps
Beryllium	9-1	168	140	172	160	10.90	cps
Bismuth	209-1	3096474	3161698	3175732	3144635	1.34	cps
Bismuth	209-2	1666118	1666218	1661768	1664701	0.15	cps
Boron	11-1	44450	40834	36494	40593	9.81	cps
Boron	10-1	9229	8285	7540	8351	10.13	cps
Bromine	81-1	1782	1812	1592	1729	6.91	cps
Cadmium	106-1	1558	1350	1483	1464	7.21	cps
Cadmium	108-1	42	25	21	29	37.81	cps
Cadmium	111-1	1433	1248	1336	1339	6.88	cps
Calcium	43-1	3904465	3922929	3922135	3916510	0.27	cps
Calcium	44-1	62854035	64279785	64408785	63847535	1.35	cps
Chromium	52-2	25312	25925	25102	25447	1.68	cps
Cobalt	59-2	2937	2840	2707	2828	4.08	cps
Copper	63-2	8719	8593	8749	8687	0.96	cps
Dysprosium	156-1	250	217	175	214	17.57	cps
Dysprosium	156-2	130	110	137	126	11.05	cps
Erbium	164-1	50	58	58	56	8.66	cps
Erbium	164-2	23	47	37	36	32.93	cps
Gadolinium	160-1	300	275	233	269	12.50	cps
Gadolinium	160-2	117	130	160	136	16.37	cps
Holmium	165-1	5183773	5248236	5326180	5252730	1.36	cps
Holmium	165-2	2540232	2540701	2541746	2540893	0.03	cps
Indium	115-1	4517849	4697306	4702311	4639155	2.27	cps
Indium	115-2	741879	755665	753331	750292	0.98	cps
Iron	54-2	8762110	8795236	8889157	8815501	0.75	cps
Iron	56-2	163230487	163637498	163462926	163443637	0.12	cps
Iron	57-2	4090296	4043378	4067441	4067039	0.58	cps
Krypton	83-1	663	733	617	671	8.75	cps
Lead	207-1	11889	11883	12122	11965	1.14	cps
Lead	208-1	52798	54306	54646	53917	1.82	cps
Lead	206-1	12946	13735	13351	13344	2.96	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:14:34	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1053102	1050680	1049773	1051185	0.16	cps
Magnesium	24-2	23746857	23551694	23403477	23567343	0.73	cps
Manganese	55-2	6215	5978	6188	6127	2.12	cps
Molybdenum	94-1	4834	4701	4743	4759	1.43	cps
Molybdenum	95-1	7019	6902	7627	7183	5.42	cps
Molybdenum	96-1	7952	8620	8745	8439	5.05	cps
Molybdenum	97-1	4793	4443	4851	4695	4.70	cps
Molybdenum	98-1	11639	11196	11563	11466	2.06	cps
Neodymium	150-1	40	53	40	44	17.32	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	8159	8176	8333	8222	1.16	cps
Phosphorus	31-2	183	208	175	189	9.19	cps
Potassium	39-2	9326712	9228253	9314779	9289915	0.58	cps
Rhodium	103-1	4067550	4160364	4153855	4127256	1.26	cps
Rhodium	103-2	2058990	2078387	2052512	2063296	0.65	cps
Scandium	45-1	2689442	2801085	2757873	2749467	2.05	cps
Scandium	45-2	90301	90697	91043	90681	0.41	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	31	43	29	34	22.05	cps
Selenium	82-1	141	91	242	158	48.57	cps
Silicon	28-1	602205	620276	628954	617145	2.21	cps
Silver	109-1	1158	983	992	1045	9.45	cps
Silver	107-1	975	1100	1167	1081	9.00	cps
Sodium	23-2	46207168	45351655	45630196	45729673	0.95	cps
Strontium	86-1	3009	3209	2942	3053	4.55	cps
Strontium	88-1	18438	18087	17578	18034	2.40	cps
Sulfur	34-1	391704	396894	402100	396899	1.31	cps
Terbium	159-1	5376469	5491344	5529053	5465622	1.45	cps
Terbium	159-2	2528914	2530156	2601599	2553556	1.63	cps
Thallium	203-1	2559	1967	1892	2139	17.07	cps
Thallium	205-1	5251	5285	4701	5079	6.45	cps
Tin	118-1	2667	2592	2509	2589	3.06	cps
Titanium	47-1	708	600	600	636	9.83	cps
Uranium	238-1	742	850	933	842	11.42	cps
Vanadium	51-2	263	230	253	249	6.87	cps
Yttrium	89-1	6307306	6563301	6492554	6454387	2.05	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:14:34	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	747575	759509	759639	755574	0.92	cps
Zinc	66-2	9755	9726	9616	9699	0.75	cps
Zirconium	90-1	1400	1533	1517	1483	4.90	cps
Zirconium	91-1	308	333	392	344	12.41	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:23:00	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8783	8149	8382	8438	3.80	cps
Antimony	121-1	696608	701463	702804	700291	0.47	cps
Arsenic	75-2	23674	21848	22353	22625	4.17	cps
Barium	135-1	68306	69101	70467	69292	1.58	cps
Barium	137-1	118097	119491	125362	120983	3.19	cps
Beryllium	9-1	55535	56131	56412	56026	0.80	cps
Bismuth	209-1	3308853	3317808	3250865	3292509	1.10	cps
Bismuth	209-2	1834377	1674248	1746149	1751591	4.58	cps
Boron	11-1	117924	133395	144130	131816	9.99	cps
Boron	10-1	24143	27542	29443	27043	9.93	cps
Bromine	81-1	1542	1652	1912	1702	11.18	cps
Cadmium	106-1	13315	14500	13107	13640	5.51	cps
Cadmium	108-1	7519	7627	7923	7690	2.72	cps
Cadmium	111-1	81272	83991	82217	82493	1.67	cps
Calcium	43-1	17478	17912	17786	17725	1.26	cps
Calcium	44-1	283548	284396	288980	285641	1.02	cps
Chromium	52-2	86690	77759	80032	81494	5.70	cps
Cobalt	59-2	155296	144960	147518	149258	3.61	cps
Copper	63-2	123448	114668	115660	117925	4.08	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	33	25	50	36	35.25	cps
Gadolinium	160-2	27	7	10	14	74.18	cps
Holmium	165-1	5116684	5235178	5161692	5171185	1.16	cps
Holmium	165-2	2589762	2407811	2458674	2485415	3.78	cps
Indium	115-1	4517387	4590722	4528121	4545410	0.87	cps
Indium	115-2	744191	696578	714654	718474	3.35	cps
Iron	54-2	73862	67291	69993	70382	4.69	cps
Iron	56-2	1310884	1221912	1229060	1253952	3.94	cps
Iron	57-2	33529	30332	30600	31487	5.63	cps
Krypton	83-1	640	610	663	638	4.19	cps
Lead	207-1	369397	369530	373200	370709	0.58	cps
Lead	208-1	1727790	1725904	1730847	1728180	0.14	cps
Lead	206-1	442948	442520	445185	443551	0.32	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:23:00	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1073980	1070470	1083113	1075854	0.61	cps
Magnesium	24-2	59430	52763	54804	55666	6.14	cps
Manganese	55-2	40243	36467	38091	38267	4.95	cps
Molybdenum	94-1	3180782	3215379	3138948	3178370	1.20	cps
Molybdenum	95-1	3908951	3866727	3909592	3895090	0.63	cps
Molybdenum	96-1	4283550	4327927	4340465	4317314	0.69	cps
Molybdenum	97-1	2397489	2405479	2371121	2391363	0.75	cps
Molybdenum	98-1	6114863	6161721	6181889	6152824	0.56	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	44138	40638	40287	41688	5.11	cps
Phosphorus	31-2	217	208	258	228	11.76	cps
Potassium	39-2	89251	84095	84615	85987	3.30	cps
Rhodium	103-1	4336886	4395677	4396515	4376359	0.78	cps
Rhodium	103-2	2240279	2081924	2175408	2165870	3.68	cps
Scandium	45-1	2764731	2768871	2772887	2768830	0.15	cps
Scandium	45-2	94834	86867	88809	90170	4.61	cps
Selenium	77-2	310	250	280	280	10.71	cps
Selenium	78-2	1100	1027	1032	1053	3.87	cps
Selenium	82-1	9695	9970	9937	9867	1.52	cps
Silicon	28-1	1154927	1179395	1137113	1157145	1.83	cps
Silver	109-1	182422	180454	183358	182078	0.81	cps
Silver	107-1	186928	193984	191160	190691	1.86	cps
Sodium	23-2	211533	196394	199855	202594	3.92	cps
Strontium	86-1	513777	521661	520775	518738	0.83	cps
Strontium	88-1	4506657	4482512	4445776	4478315	0.68	cps
Sulfur	34-1	416391	415223	412934	414849	0.42	cps
Terbium	159-1	5477399	5424651	5507122	5469724	0.76	cps
Terbium	159-2	2609675	2441212	2471795	2507561	3.58	cps
Thallium	203-1	529461	542329	539140	536977	1.25	cps
Thallium	205-1	1279621	1281506	1291988	1284372	0.52	cps
Tin	118-1	1362817	1398750	1376190	1379252	1.32	cps
Titanium	47-1	1017168	1034482	1025931	1025860	0.84	cps
Uranium	238-1	4161885	4176627	4188992	4175835	0.32	cps
Vanadium	51-2	65857	61421	61880	63053	3.87	cps
Yttrium	89-1	6542763	6433293	6369755	6448603	1.36	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:23:00	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	752548	704507	727705	728253	3.30	cps
Zinc	66-2	31540	29761	30520	30607	2.92	cps
Zirconium	90-1	2802454	2836983	2823631	2821023	0.62	cps
Zirconium	91-1	630931	637136	634876	634314	0.50	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P8
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:36:18 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533	550	623	569	8.42	cps
Antimony	121-1	6610	6527	6427	6521	1.41	cps
Arsenic	75-2	122	101	116	113	9.57	cps
Barium	135-1	6527	6318	6627	6491	2.42	cps
Barium	137-1	11822	11880	12006	11903	0.79	cps
Beryllium	9-1	566	524	618	569	8.27	cps
Bismuth	209-1	3320882	3335488	3319125	3325165	0.27	cps
Bismuth	209-2	1606120	1725058	1779550	1703576	5.21	cps
Boron	11-1	8527	9261	9877	9222	7.33	cps
Boron	10-1	1714	1816	2078	1869	10.05	cps
Bromine	81-1	1982	1512	1882	1792	13.83	cps
Cadmium	106-1	1467	1258	1383	1370	7.66	cps
Cadmium	108-1	54	75	50	60	22.43	cps
Cadmium	111-1	1776	1583	1658	1672	5.84	cps
Calcium	43-1	4009	4117	3926	4017	2.39	cps
Calcium	44-1	79084	80442	78355	79294	1.34	cps
Chromium	52-2	2614	2577	3017	2736	8.93	cps
Cobalt	59-2	1363	1413	1477	1418	4.01	cps
Copper	63-2	2830	2967	2730	2843	4.18	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	7	10	6	91.64	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	8	25	42	25	66.68	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	5169675	5190082	5198875	5186211	0.29	cps
Holmium	165-2	2371817	2475905	2544342	2464021	3.53	cps
Indium	115-1	4550988	4588650	4516019	4551886	0.80	cps
Indium	115-2	674452	724948	727127	708842	4.20	cps
Iron	54-2	2050	1961	2161	2058	4.87	cps
Iron	56-2	34057	34692	33913	34221	1.21	cps
Iron	57-2	922	1000	872	932	6.91	cps
Krypton	83-1	710	637	603	650	8.40	cps
Lead	207-1	3262	3401	3245	3302	2.59	cps
Lead	208-1	14859	15659	15132	15217	2.67	cps
Lead	206-1	3678	4129	3756	3854	6.24	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:36:18	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1066454	1058687	1043157	1056100	1.12	cps
Magnesium	24-2	23336	22793	23603	23244	1.77	cps
Manganese	55-2	493	473	457	474	3.87	cps
Molybdenum	94-1	5985	6235	6010	6077	2.27	cps
Molybdenum	95-1	7394	7252	7135	7260	1.78	cps
Molybdenum	96-1	8328	8278	8561	8389	1.81	cps
Molybdenum	97-1	4593	4701	4784	4693	2.05	cps
Molybdenum	98-1	12039	12339	11755	12044	2.42	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	490	497	593	527	10.98	cps
Phosphorus	31-2	183	250	283	239	21.32	cps
Potassium	39-2	32086	33540	34099	33242	3.13	cps
Rhodium	103-1	4413724	4388741	4343772	4382079	0.81	cps
Rhodium	103-2	2057641	2181928	2197175	2145581	3.57	cps
Scandium	45-1	2784677	2786959	2739403	2770346	0.97	cps
Scandium	45-2	84018	89584	90641	88081	4.04	cps
Selenium	77-2	3	17	3	8	99.04	cps
Selenium	78-2	62	48	57	56	12.74	cps
Selenium	82-1	299	366	428	365	17.73	cps
Silicon	28-1	481735	476264	477843	478614	0.59	cps
Silver	109-1	3259	3767	3734	3587	7.93	cps
Silver	107-1	3534	3984	3726	3748	6.03	cps
Sodium	23-2	63907	63003	62091	63000	1.44	cps
Strontium	86-1	2034	1867	1900	1934	4.56	cps
Strontium	88-1	8011	7302	7377	7563	5.15	cps
Sulfur	34-1	410637	411718	414125	412160	0.43	cps
Terbium	159-1	5468478	5591057	5426237	5495257	1.56	cps
Terbium	159-2	2328821	2529624	2496148	2451531	4.39	cps
Thallium	203-1	2625	2550	2442	2539	3.63	cps
Thallium	205-1	5710	6577	5793	6027	7.94	cps
Tin	118-1	11655	11622	11889	11722	1.24	cps
Titanium	47-1	2225	2425	2259	2303	4.65	cps
Uranium	238-1	6702	6910	6719	6777	1.71	cps
Vanadium	51-2	3157	3354	3024	3178	5.22	cps
Yttrium	89-1	6448737	6515271	6301394	6421801	1.70	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:36:18	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	684358	727036	729792	713729	3.57	cps
Zinc	66-2	483	416	473	457	7.87	cps
Zirconium	90-1	4367	4951	5159	4826	8.51	cps
Zirconium	91-1	1025	975	1083	1028	5.28	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:39:09 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	263	230	303	266	13.83	cps
Antimony	121-1	25	8	25	19	49.50	cps
Arsenic	75-2	5	5	3	4	26.65	cps
Barium	135-1	17	0	8	8	100.02	cps
Barium	137-1	17	25	17	19	24.73	cps
Beryllium	9-1	30	40	54	41	29.17	cps
Bismuth	209-1	3336672	3041122	3230836	3202877	4.68	cps
Bismuth	209-2	1692404	1743895	1767055	1734452	2.20	cps
Boron	11-1	4660	4396	4434	4496	3.17	cps
Boron	10-1	940	898	858	899	4.56	cps
Bromine	81-1	1642	1802	1522	1655	8.50	cps
Cadmium	106-1	1433	1317	1183	1311	9.54	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Cadmium	111-1	1002	931	841	925	8.72	cps
Calcium	43-1	317	250	292	286	11.77	cps
Calcium	44-1	17011	17753	17594	17453	2.24	cps
Chromium	52-2	1220	1137	1043	1133	7.80	cps
Cobalt	59-2	57	47	70	58	20.26	cps
Copper	63-2	523	550	537	537	2.48	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	42	25	22	94.38	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	58	17	25	33	66.14	cps
Gadolinium	160-2	23	7	10	13	66.12	cps
Holmium	165-1	5231512	4887451	5114464	5077809	3.45	cps
Holmium	165-2	2503806	2505788	2534392	2514662	0.68	cps
Indium	115-1	4565111	4263366	4443533	4424003	3.43	cps
Indium	115-2	717775	721639	732144	723853	1.03	cps
Iron	54-2	333	372	411	372	10.45	cps
Iron	56-2	2234	2178	2189	2200	1.34	cps
Iron	57-2	39	61	61	54	23.89	cps
Krypton	83-1	630	647	743	673	9.09	cps
Lead	207-1	1589	1695	1683	1656	3.50	cps
Lead	208-1	7440	7923	7584	7649	3.24	cps
Lead	206-1	2084	2100	1917	2034	4.99	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:39:09 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1031254	1012336	1011788	1018459	1.09	cps
Magnesium	24-2	175	233	267	225	20.62	cps
Manganese	55-2	60	57	63	60	5.55	cps
Molybdenum	94-1	108	75	83	89	19.52	cps
Molybdenum	95-1	17	8	8	11	43.34	cps
Molybdenum	96-1	117	75	58	83	36.05	cps
Molybdenum	97-1	17	0	8	8	100.02	cps
Molybdenum	98-1	42	42	8	31	62.99	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	63	103	78	28.54	cps
Phosphorus	31-2	225	200	183	203	10.34	cps
Potassium	39-2	15258	16385	15634	15759	3.64	cps
Rhodium	103-1	4401315	4092418	4283452	4259062	3.66	cps
Rhodium	103-2	2189075	2212243	2185464	2195594	0.66	cps
Scandium	45-1	2768474	2551652	2734348	2684825	4.34	cps
Scandium	45-2	88638	90097	90227	89654	0.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	29	19	35	28	29.22	cps
Selenium	82-1	89	41	61	64	38.42	cps
Silicon	28-1	469123	470114	471799	470345	0.29	cps
Silver	109-1	17	75	17	36	93.25	cps
Silver	107-1	67	42	42	50	28.87	cps
Sodium	23-2	18037	18813	18137	18329	2.30	cps
Strontium	86-1	1033	1008	1150	1064	7.11	cps
Strontium	88-1	58	75	92	75	22.23	cps
Sulfur	34-1	409013	410695	405667	408459	0.63	cps
Terbium	159-1	5388492	5070717	5395139	5284783	3.51	cps
Terbium	159-2	2509300	2551971	2515193	2525488	0.92	cps
Thallium	203-1	133	92	108	111	18.88	cps
Thallium	205-1	192	233	317	247	25.75	cps
Tin	118-1	192	175	217	194	10.79	cps
Titanium	47-1	333	192	292	272	26.75	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	3	13	10	9	57.30	cps
Yttrium	89-1	6448897	6048266	6334012	6277059	3.29	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:39:09	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	727314	731242	736208	731588	0.61	cps
Zinc	66-2	116	133	100	116	14.37	cps
Zirconium	90-1	300	242	250	264	11.96	cps
Zirconium	91-1	42	83	100	75	40.06	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:41:57 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1434460	1404658	1414522	1417880	1.07	cps
Antimony	121-1	3726	3709	4151	3862	6.48	cps
Arsenic	75-2	43	51	41	45	11.77	cps
Barium	135-1	1142	1017	1075	1078	5.80	cps
Barium	137-1	1625	1767	1834	1742	6.11	cps
Beryllium	9-1	206	160	202	189	13.46	cps
Bismuth	209-1	3189117	3211704	3287812	3229544	1.60	cps
Bismuth	209-2	1779661	1772890	1678074	1743542	3.26	cps
Boron	11-1	4430	4464	4198	4364	3.32	cps
Boron	10-1	880	1016	864	920	9.08	cps
Bromine	81-1	1982	2263	2463	2236	10.80	cps
Cadmium	106-1	1483	1492	1258	1411	9.38	cps
Cadmium	108-1	417	508	417	447	11.83	cps
Cadmium	111-1	1297	1205	1085	1196	8.88	cps
Calcium	43-1	720259	743827	737322	733803	1.66	cps
Calcium	44-1	11559745	11827550	11805877	11731057	1.27	cps
Chromium	52-2	16393	16433	16716	16514	1.07	cps
Cobalt	59-2	1880	1827	1730	1812	4.20	cps
Copper	63-2	9443	9346	9420	9403	0.54	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	10	3	20	11	75.52	cps
Erbium	164-1	33	25	67	42	52.92	cps
Erbium	164-2	10	27	10	16	61.87	cps
Gadolinium	160-1	33	67	42	47	36.74	cps
Gadolinium	160-2	20	30	17	22	31.22	cps
Holmium	165-1	5262880	5305333	5294654	5287622	0.42	cps
Holmium	165-2	2614941	2596196	2436451	2549196	3.85	cps
Indium	115-1	4508691	4538978	4488490	4512053	0.56	cps
Indium	115-2	735867	739412	697025	724101	3.25	cps
Iron	54-2	3261456	3325827	3279870	3289051	1.01	cps
Iron	56-2	60481033	60805829	59966797	60417887	0.70	cps
Iron	57-2	1521935	1522505	1545685	1530042	0.89	cps
Krypton	83-1	650	743	683	692	6.83	cps
Lead	207-1	8592	9420	8948	8987	4.62	cps
Lead	208-1	40842	43568	42183	42198	3.23	cps
Lead	206-1	11016	11422	11244	11227	1.81	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 15:41:57 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1063181	1071174	1082971	1072442	0.93	cps
Magnesium	24-2	4415633	4340217	4287906	4347919	1.48	cps
Manganese	55-2	2727	2804	2807	2779	1.63	cps
Molybdenum	94-1	1545743	1589748	1564721	1566737	1.41	cps
Molybdenum	95-1	2737586	2797577	2800140	2778434	1.27	cps
Molybdenum	96-1	2933136	2957289	2978202	2956209	0.76	cps
Molybdenum	97-1	1701331	1703166	1722068	1708855	0.67	cps
Molybdenum	98-1	4331804	4425992	4449813	4402536	1.42	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	2180	2214	2347	2247	3.93	cps
Phosphorus	31-2	98173	97518	97401	97698	0.43	cps
Potassium	39-2	3429634	3430448	3421329	3427137	0.15	cps
Rhodium	103-1	4210378	4342606	4384402	4312462	2.11	cps
Rhodium	103-2	2176622	2191832	2062771	2143742	3.29	cps
Scandium	45-1	2705495	2741671	2763037	2736734	1.06	cps
Scandium	45-2	91399	92918	86821	90379	3.51	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	32	25	23	27	17.72	cps
Selenium	82-1	115	19	88	74	66.50	cps
Silicon	28-1	522736	529956	530441	527711	0.82	cps
Silver	109-1	75	142	150	122	33.63	cps
Silver	107-1	100	133	142	125	17.64	cps
Sodium	23-2	8658370	8719131	8634006	8670502	0.51	cps
Strontium	86-1	29565	31428	30150	30381	3.14	cps
Strontium	88-1	252264	255584	254800	254216	0.68	cps
Sulfur	34-1	1153588	1132985	1130741	1139105	1.11	cps
Terbium	159-1	5485473	5543528	5595130	5541377	0.99	cps
Terbium	159-2	2605682	2589369	2423268	2539440	3.97	cps
Thallium	203-1	392	383	425	400	5.51	cps
Thallium	205-1	758	858	1275	964	28.43	cps
Tin	118-1	883	942	942	922	3.65	cps
Titanium	47-1	735269	739010	760007	744762	1.79	cps
Uranium	238-1	142	100	167	136	24.74	cps
Vanadium	51-2	97	73	80	83	14.43	cps
Yttrium	89-1	6420124	6458317	6539783	6472741	0.94	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 15:41:57	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	751938	758816	707129	739294	3.80	cps
Zinc	66-2	2111	1861	1798	1923	8.60	cps
Zirconium	90-1	342	325	358	342	4.88	cps
Zirconium	91-1	92	42	75	69	36.66	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 16:02:45 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1542651	1501096	1522390	1522046	1.37	cps
Antimony	121-1	75391	78777	76187	76785	2.31	cps
Arsenic	75-2	2342	2327	2408	2359	1.83	cps
Barium	135-1	14575	15576	15242	15131	3.37	cps
Barium	137-1	27128	26126	27487	26913	2.62	cps
Beryllium	9-1	11734	11360	11798	11631	2.04	cps
Bismuth	209-1	3242445	3263925	3271162	3259178	0.46	cps
Bismuth	209-2	1753668	1699699	1580848	1678072	5.27	cps
Boron	11-1	19641	19739	20200	19860	1.50	cps
Boron	10-1	4044	4082	4070	4065	0.48	cps
Bromine	81-1	2443	2413	2543	2466	2.76	cps
Cadmium	106-1	2859	3075	3209	3048	5.80	cps
Cadmium	108-1	1704	1679	1467	1617	8.07	cps
Cadmium	111-1	16450	17049	17542	17014	3.21	cps
Calcium	43-1	784920	795460	794979	791787	0.75	cps
Calcium	44-1	12549148	12525983	12919629	12664920	1.74	cps
Chromium	52-2	34067	34381	33676	34042	1.04	cps
Cobalt	59-2	32170	32136	32654	32320	0.90	cps
Copper	63-2	33059	33586	34037	33561	1.46	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	50	33	42	42	20.00	cps
Gadolinium	160-2	27	23	13	21	32.88	cps
Holmium	165-1	5266792	5327555	5349142	5314496	0.80	cps
Holmium	165-2	2599801	2523704	2390075	2504527	4.24	cps
Indium	115-1	4477023	4497687	4593024	4522578	1.37	cps
Indium	115-2	722686	718713	675840	705746	3.68	cps
Iron	54-2	3482408	3495659	3522393	3500153	0.58	cps
Iron	56-2	63411064	63537750	63995324	63648046	0.48	cps
Iron	57-2	1623649	1635536	1651413	1636866	0.85	cps
Krypton	83-1	610	727	697	678	8.94	cps
Lead	207-1	43362	44744	46082	44729	3.04	cps
Lead	208-1	203639	209191	211053	207961	1.85	cps
Lead	206-1	52858	53699	54252	53603	1.31	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:02:45	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1101076	1091281	1095769	1096042	0.45	cps
Magnesium	24-2	4721533	4604437	4631986	4652652	1.32	cps
Manganese	55-2	10354	10210	10294	10286	0.70	cps
Molybdenum	94-1	1791948	1823966	1842278	1819397	1.40	cps
Molybdenum	95-1	2993318	3099986	3022696	3038666	1.81	cps
Molybdenum	96-1	3217116	3290842	3229748	3245902	1.21	cps
Molybdenum	97-1	1876500	1920890	1869885	1889091	1.47	cps
Molybdenum	98-1	4841870	4889293	4830014	4853726	0.65	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	10431	10667	11018	10705	2.76	cps
Phosphorus	31-2	104676	102906	105382	104321	1.22	cps
Potassium	39-2	3669098	3599706	3648584	3639130	0.98	cps
Rhodium	103-1	4229921	4307876	4249430	4262409	0.95	cps
Rhodium	103-2	2131331	2150767	2000539	2094213	3.90	cps
Scandium	45-1	2741602	2771699	2737340	2750214	0.68	cps
Scandium	45-2	90741	90218	83733	88231	4.42	cps
Selenium	77-2	43	30	50	41	24.77	cps
Selenium	78-2	156	118	123	132	15.61	cps
Selenium	82-1	1008	1102	1146	1085	6.50	cps
Silicon	28-1	612527	617623	624305	618152	0.96	cps
Silver	109-1	72323	71971	72206	72167	0.25	cps
Silver	107-1	75112	76563	76587	76088	1.11	cps
Sodium	23-2	9416689	9175756	9326799	9306414	1.31	cps
Strontium	86-1	74943	76074	76224	75747	0.92	cps
Strontium	88-1	640276	658345	666795	655139	2.07	cps
Sulfur	34-1	1222713	1224531	1205398	1217547	0.87	cps
Terbium	159-1	5572916	5533637	5648636	5585063	1.05	cps
Terbium	159-2	2541321	2556018	2405234	2500857	3.32	cps
Thallium	203-1	51134	52749	52607	52164	1.71	cps
Thallium	205-1	121844	121533	124897	122758	1.51	cps
Tin	118-1	113695	115393	117241	115443	1.54	cps
Titanium	47-1	806693	819053	817999	814582	0.84	cps
Uranium	238-1	352288	356328	356178	354931	0.65	cps
Vanadium	51-2	13019	13099	12679	12933	1.73	cps
Yttrium	89-1	6459151	6593452	6425571	6492725	1.37	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:02:45	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	732064	729973	686260	716099	3.61	cps
Zinc	66-2	4983	4930	5174	5029	2.55	cps
Zirconium	90-1	239937	241154	240693	240594	0.26	cps
Zirconium	91-1	52416	52675	54975	53355	2.64	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : CCV05 Instrumnet Name : P8
 Client Sample ID : CCV05 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 16:05:33 DataFile Name : 020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	878187	868773	866062	871008	0.73	cps
Antimony	121-1	1820345	1813011	1840070	1824476	0.77	cps
Arsenic	75-2	58738	58478	58549	58588	0.23	cps
Barium	135-1	1724532	1784276	1810997	1773268	2.50	cps
Barium	137-1	3064238	3141780	3143274	3116431	1.45	cps
Beryllium	9-1	284141	288841	289933	287638	1.07	cps
Bismuth	209-1	3241739	3267362	3281377	3263493	0.62	cps
Bismuth	209-2	1706818	1739505	1791207	1745843	2.44	cps
Boron	11-1	88408	105850	118506	104255	14.50	cps
Boron	10-1	17985	21281	24141	21136	14.57	cps
Bromine	81-1	1782	1762	1812	1785	1.41	cps
Cadmium	106-1	41154	40652	43051	41619	3.04	cps
Cadmium	108-1	27820	28133	28613	28189	1.42	cps
Cadmium	111-1	397254	401041	403390	400562	0.77	cps
Calcium	43-1	1901835	1911007	1945552	1919465	1.20	cps
Calcium	44-1	31508550	31691740	31726402	31642231	0.37	cps
Chromium	52-2	435195	431604	429206	432001	0.70	cps
Cobalt	59-2	764842	760092	752125	759020	0.85	cps
Copper	63-2	5897055	5695496	5797329	5796627	1.74	cps
Dysprosium	156-1	100	108	75	94	18.37	cps
Dysprosium	156-2	50	57	53	53	6.25	cps
Erbium	164-1	33	50	75	53	39.74	cps
Erbium	164-2	20	13	13	16	24.76	cps
Gadolinium	160-1	125	183	233	181	30.03	cps
Gadolinium	160-2	80	63	43	62	29.51	cps
Holmium	165-1	5248412	5360844	5335696	5314984	1.11	cps
Holmium	165-2	2569827	2602937	2587383	2586716	0.64	cps
Indium	115-1	4668277	4649183	4641721	4653060	0.29	cps
Indium	115-2	735103	736595	747858	739852	0.94	cps
Iron	54-2	4378224	4396109	4412704	4395679	0.39	cps
Iron	56-2	81559138	80484746	80371630	80805171	0.81	cps
Iron	57-2	2042877	2026955	2041569	2037134	0.43	cps
Krypton	83-1	667	620	670	652	4.29	cps
Lead	207-1	4724367	4766699	4786971	4759345	0.67	cps
Lead	208-1	20932905	21154030	21180698	21089211	0.64	cps
Lead	206-1	5214146	5249255	5239840	5234414	0.35	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:05:33	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1098256	1084874	1098692	1093941	0.72	cps
Magnesium	24-2	11879837	11784717	11858586	11841047	0.42	cps
Manganese	55-2	1993352	1989440	1997337	1993376	0.20	cps
Molybdenum	94-1	3181013	3218089	3184723	3194608	0.64	cps
Molybdenum	95-1	3909044	3890042	3939923	3913003	0.64	cps
Molybdenum	96-1	4305136	4312430	4341185	4319584	0.44	cps
Molybdenum	97-1	2416302	2453338	2459284	2442975	0.95	cps
Molybdenum	98-1	6260488	6285846	6292386	6279573	0.27	cps
Neodymium	150-1	53	33	67	51	32.83	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	214439	212700	211293	212810	0.74	cps
Phosphorus	31-2	11121	11138	11463	11241	1.71	cps
Potassium	39-2	4672013	4563510	4595861	4610461	1.21	cps
Rhodium	103-1	4284948	4263154	4303307	4283803	0.47	cps
Rhodium	103-2	2149414	2136360	2152188	2145987	0.39	cps
Scandium	45-1	2732586	2757709	2759458	2749918	0.55	cps
Scandium	45-2	90043	91220	92250	91171	1.21	cps
Selenium	77-2	787	780	790	786	0.65	cps
Selenium	78-2	2719	2603	2575	2632	2.90	cps
Selenium	82-1	24594	25213	25188	24998	1.40	cps
Silicon	28-1	1245501	1315598	1429662	1330253	6.99	cps
Silver	109-1	1900546	1925792	1904653	1910330	0.71	cps
Silver	107-1	1960071	2005597	1998910	1988192	1.24	cps
Sodium	23-2	23125606	22466244	22989456	22860435	1.52	cps
Strontium	86-1	467627	474575	481819	474674	1.50	cps
Strontium	88-1	4010152	4101115	4163541	4091603	1.89	cps
Sulfur	34-1	476955	483013	490335	483434	1.39	cps
Terbium	159-1	5625135	5632328	5557296	5604920	0.74	cps
Terbium	159-2	2571365	2578844	2594836	2581682	0.46	cps
Thallium	203-1	1268615	1283935	1297836	1283462	1.14	cps
Thallium	205-1	3011061	3075207	3128124	3071464	1.91	cps
Tin	118-1	1232126	1245234	1243780	1240380	0.58	cps
Titanium	47-1	1003446	1025954	1021941	1017114	1.18	cps
Uranium	238-1	3940607	3966203	3957081	3954630	0.33	cps
Vanadium	51-2	340350	338092	335862	338101	0.66	cps
Yttrium	89-1	6499331	6624757	6718078	6614055	1.66	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV05	Instrumnet Name :	P8
Client Sample ID :	CCV05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:05:33	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	749489	750587	757848	752641	0.60	cps
Zinc	66-2	787793	775317	783480	782197	0.81	cps
Zirconium	90-1	2577389	2644198	2634474	2618687	1.38	cps
Zirconium	91-1	580903	592629	592319	588617	1.14	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : CCB05 Instrumnet Name : P8
 Client Sample ID : CCB05 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 16:09:54 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	290	300	287	292	2.38	cps
Antimony	121-1	100	100	133	111	17.32	cps
Arsenic	75-2	8	4	10	7	41.66	cps
Barium	135-1	17	25	8	17	50.01	cps
Barium	137-1	25	33	17	25	33.32	cps
Beryllium	9-1	52	66	56	58	12.44	cps
Bismuth	209-1	3278895	3293463	3148390	3240249	2.47	cps
Bismuth	209-2	1776280	1758727	1746718	1760575	0.84	cps
Boron	11-1	7200	6534	6600	6778	5.41	cps
Boron	10-1	1458	1458	1354	1423	4.22	cps
Bromine	81-1	1612	1522	1732	1622	6.50	cps
Cadmium	106-1	1283	1358	1192	1278	6.53	cps
Cadmium	108-1	8	17	17	14	34.67	cps
Cadmium	111-1	909	948	835	897	6.37	cps
Calcium	43-1	300	233	225	253	16.26	cps
Calcium	44-1	17753	16977	17453	17394	2.25	cps
Chromium	52-2	1153	1220	1187	1187	2.81	cps
Cobalt	59-2	37	27	20	28	30.20	cps
Copper	63-2	1093	920	1113	1042	10.20	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	7	20	10	12	56.76	cps
Gadolinium	160-1	83	33	50	56	45.83	cps
Gadolinium	160-2	23	20	23	22	8.65	cps
Holmium	165-1	5239795	5143981	4942768	5108848	2.97	cps
Holmium	165-2	2571542	2549839	2512349	2544577	1.18	cps
Indium	115-1	4524628	4481367	4376135	4460710	1.71	cps
Indium	115-2	725770	722458	720262	722830	0.38	cps
Iron	54-2	444	311	406	387	17.72	cps
Iron	56-2	2573	2339	2467	2460	4.75	cps
Iron	57-2	117	106	133	119	11.80	cps
Krypton	83-1	640	583	657	627	6.13	cps
Lead	207-1	1895	2006	1984	1961	3.00	cps
Lead	208-1	8768	8857	8890	8838	0.71	cps
Lead	206-1	2228	2289	2395	2304	3.66	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:09:54	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1104164	1087053	1073895	1088370	1.39	cps
Magnesium	24-2	208	217	267	231	13.69	cps
Manganese	55-2	60	87	93	80	22.05	cps
Molybdenum	94-1	133	117	100	117	14.29	cps
Molybdenum	95-1	117	83	67	89	28.64	cps
Molybdenum	96-1	158	100	150	136	23.18	cps
Molybdenum	97-1	58	17	42	39	53.93	cps
Molybdenum	98-1	192	142	83	139	39.04	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	80	120	50	83	42.14	cps
Phosphorus	31-2	242	133	200	192	28.51	cps
Potassium	39-2	17044	16360	16184	16529	2.75	cps
Rhodium	103-1	4363397	4371894	4133376	4289556	3.15	cps
Rhodium	103-2	2198052	2198221	2194596	2196956	0.09	cps
Scandium	45-1	2755277	2737108	2630288	2707558	2.49	cps
Scandium	45-2	89708	91210	89406	90108	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	38	32	32	34	10.19	cps
Selenium	82-1	86	163	139	129	30.27	cps
Silicon	28-1	473562	476232	474665	474819	0.28	cps
Silver	109-1	33	58	75	56	37.75	cps
Silver	107-1	100	92	83	92	9.09	cps
Sodium	23-2	24229	23327	23461	23672	2.06	cps
Strontium	86-1	958	1017	1025	1000	3.63	cps
Strontium	88-1	133	83	83	100	28.87	cps
Sulfur	34-1	394781	399992	396424	397066	0.67	cps
Terbium	159-1	5567081	5427119	5297576	5430592	2.48	cps
Terbium	159-2	2544232	2538747	2506123	2529701	0.81	cps
Thallium	203-1	242	258	258	253	3.81	cps
Thallium	205-1	550	617	625	597	6.88	cps
Tin	118-1	133	283	367	261	45.28	cps
Titanium	47-1	350	308	325	328	6.40	cps
Uranium	238-1	17	25	33	25	33.32	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Yttrium	89-1	6507822	6414997	6192469	6371763	2.54	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB05	Instrumnet Name :	P8
Client Sample ID :	CCB05	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:09:54	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	733509	724392	730719	729540	0.64	cps
Zinc	66-2	176	147	160	161	9.32	cps
Zirconium	90-1	325	367	292	328	11.46	cps
Zirconium	91-1	92	83	50	75	29.40	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 16:19:27 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	610	640	710	653	7.85	cps
Antimony	121-1	7894	7152	7652	7566	5.00	cps
Arsenic	75-2	131	133	106	123	12.20	cps
Barium	135-1	7944	7160	7352	7486	5.46	cps
Barium	137-1	12648	13248	13540	13146	3.46	cps
Beryllium	9-1	570	654	628	617	6.97	cps
Bismuth	209-1	3346238	3376139	3346391	3356256	0.51	cps
Bismuth	209-2	1818616	1735005	1818473	1790698	2.69	cps
Boron	11-1	6434	7102	8039	7192	11.21	cps
Boron	10-1	1266	1516	1684	1488	14.13	cps
Bromine	81-1	1892	1872	2062	1942	5.38	cps
Cadmium	106-1	1342	1508	1742	1531	13.13	cps
Cadmium	108-1	63	79	88	76	16.66	cps
Cadmium	111-1	1879	1805	2008	1897	5.42	cps
Calcium	43-1	4226	4568	4426	4406	3.90	cps
Calcium	44-1	87935	86736	87230	87301	0.69	cps
Chromium	52-2	2910	3017	2614	2847	7.34	cps
Cobalt	59-2	1650	1670	1780	1700	4.12	cps
Copper	63-2	3187	3247	3070	3168	2.84	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	42	42	25	36	26.65	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	33	17	17	22	43.28	cps
Gadolinium	160-2	7	20	17	14	48.02	cps
Holmium	165-1	5236253	5355574	5278582	5290136	1.14	cps
Holmium	165-2	2593961	2499516	2575793	2556424	1.96	cps
Indium	115-1	4669029	4682983	4594943	4648985	1.02	cps
Indium	115-2	735796	725052	742130	734326	1.18	cps
Iron	54-2	2406	2384	2300	2363	2.35	cps
Iron	56-2	39599	38458	40302	39453	2.36	cps
Iron	57-2	917	961	1095	991	9.34	cps
Krypton	83-1	603	643	717	654	8.78	cps
Lead	207-1	3717	3551	3784	3684	3.26	cps
Lead	208-1	16360	16538	16793	16564	1.32	cps
Lead	206-1	4017	4245	4301	4188	3.59	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 16:19:27 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1074115	1055408	1090676	1073400	1.64	cps
Magnesium	24-2	26675	26066	27109	26617	1.97	cps
Manganese	55-2	473	527	570	523	9.25	cps
Molybdenum	94-1	7052	7185	7002	7080	1.34	cps
Molybdenum	95-1	8436	8611	8528	8525	1.03	cps
Molybdenum	96-1	9187	9620	9654	9487	2.75	cps
Molybdenum	97-1	4943	4951	5476	5123	5.97	cps
Molybdenum	98-1	13590	13323	13732	13549	1.53	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	590	600	557	582	3.90	cps
Phosphorus	31-2	383	217	208	269	36.64	cps
Potassium	39-2	35603	35828	36873	36101	1.88	cps
Rhodium	103-1	4479665	4543518	4488622	4503935	0.77	cps
Rhodium	103-2	2244810	2239673	2259354	2247946	0.45	cps
Scandium	45-1	2778967	2797888	2763119	2779991	0.63	cps
Scandium	45-2	93431	90366	92915	92237	1.78	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	64	50	57	57	12.28	cps
Selenium	82-1	497	467	339	434	19.24	cps
Silicon	28-1	487129	492584	486353	488689	0.69	cps
Silver	109-1	4134	4051	3742	3976	5.19	cps
Silver	107-1	4342	4451	4434	4409	1.32	cps
Sodium	23-2	71057	70060	72832	71316	1.97	cps
Strontium	86-1	2025	2017	2050	2031	0.85	cps
Strontium	88-1	8428	8570	8469	8489	0.86	cps
Sulfur	34-1	406972	405532	408522	407008	0.37	cps
Terbium	159-1	5628256	5482970	5605602	5572276	1.40	cps
Terbium	159-2	2554225	2543469	2589316	2562337	0.94	cps
Thallium	203-1	2959	2650	2867	2825	5.61	cps
Thallium	205-1	6402	6385	6860	6549	4.12	cps
Tin	118-1	13107	14300	13115	13507	5.08	cps
Titanium	47-1	2642	2684	2692	2673	1.00	cps
Uranium	238-1	8120	8528	7602	8083	5.74	cps
Vanadium	51-2	3874	3617	3914	3802	4.24	cps
Yttrium	89-1	6638086	6584401	6499491	6573993	1.06	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:19:27	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	753444	739123	753011	748526	1.09	cps
Zinc	66-2	465	498	544	503	7.93	cps
Zirconium	90-1	5376	5151	5309	5279	2.19	cps
Zirconium	91-1	1033	1167	1083	1095	6.15	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : PB128153BL Instrumnet Name : P8
 Client Sample ID : PB128153BL Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 16:22:15 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213	317	323	284	21.68	cps
Antimony	121-1	58	42	50	50	16.67	cps
Arsenic	75-2	3	10	1	5	101.27	cps
Barium	135-1	0	8	17	8	100.02	cps
Barium	137-1	8	8	50	22	108.27	cps
Beryllium	9-1	42	44	36	41	10.24	cps
Bismuth	209-1	3356033	3345493	2771882	3157803	10.59	cps
Bismuth	209-2	1766807	1788321	1783223	1779451	0.63	cps
Boron	11-1	3580	3432	3288	3433	4.25	cps
Boron	10-1	734	730	672	712	4.87	cps
Bromine	81-1	1592	1632	1872	1699	8.93	cps
Cadmium	106-1	1217	1233	1100	1183	6.14	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Cadmium	111-1	844	862	777	828	5.42	cps
Calcium	43-1	125	300	375	267	48.11	cps
Calcium	44-1	17286	17745	18796	17942	4.32	cps
Chromium	52-2	1033	1040	1120	1064	4.53	cps
Cobalt	59-2	60	50	33	48	28.20	cps
Copper	63-2	587	573	617	592	3.75	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	8	33	22	57.29	cps
Erbium	164-2	20	13	33	22	45.83	cps
Gadolinium	160-1	0	42	33	25	88.19	cps
Gadolinium	160-2	10	27	17	18	47.19	cps
Holmium	165-1	5289984	5341811	4381686	5004494	10.79	cps
Holmium	165-2	2552633	2532986	2596976	2560865	1.28	cps
Indium	115-1	4617565	4588722	3874441	4360243	9.65	cps
Indium	115-2	727740	732351	748505	736199	1.48	cps
Iron	54-2	333	350	394	359	8.79	cps
Iron	56-2	2184	2267	2161	2204	2.53	cps
Iron	57-2	100	56	94	83	29.06	cps
Krypton	83-1	510	580	673	588	13.94	cps
Lead	207-1	1639	1806	1795	1746	5.34	cps
Lead	208-1	7618	7745	7823	7729	1.34	cps
Lead	206-1	1967	1878	1822	1889	3.86	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	PB128153BL	Instrumnet Name :	P8
Client Sample ID :	PB128153BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:22:15	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1076445	1072722	903775	1017647	9.69	cps
Magnesium	24-2	242	192	250	228	13.85	cps
Manganese	55-2	83	50	60	64	26.54	cps
Molybdenum	94-1	67	83	75	75	11.11	cps
Molybdenum	95-1	8	17	0	8	100.02	cps
Molybdenum	96-1	75	125	92	97	26.19	cps
Molybdenum	97-1	33	8	17	19	65.47	cps
Molybdenum	98-1	25	33	17	25	33.32	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	93	73	73	27.27	cps
Phosphorus	31-2	200	175	200	192	7.53	cps
Potassium	39-2	15801	15676	16059	15845	1.24	cps
Rhodium	103-1	4430373	4450261	3723611	4201415	9.85	cps
Rhodium	103-2	2233477	2214774	2216479	2221577	0.47	cps
Scandium	45-1	2774486	2774281	2312206	2620324	10.18	cps
Scandium	45-2	90765	92821	93103	92229	1.38	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	30	24	36	30	20.00	cps
Selenium	82-1	261	212	93	189	45.90	cps
Silicon	28-1	468347	471648	471865	470620	0.42	cps
Silver	109-1	17	58	8	28	96.44	cps
Silver	107-1	17	17	25	19	24.73	cps
Sodium	23-2	20306	20198	20381	20295	0.45	cps
Strontium	86-1	958	1000	1150	1036	9.73	cps
Strontium	88-1	142	117	58	106	40.52	cps
Sulfur	34-1	404806	413048	406820	408225	1.05	cps
Terbium	159-1	5540107	5500705	4668549	5236454	9.40	cps
Terbium	159-2	2512282	2540007	2571886	2541392	1.17	cps
Thallium	203-1	133	133	167	144	13.32	cps
Thallium	205-1	333	308	333	325	4.44	cps
Tin	118-1	292	283	308	294	4.32	cps
Titanium	47-1	275	325	225	275	18.18	cps
Uranium	238-1	17	8	8	11	43.34	cps
Vanadium	51-2	13	20	7	13	49.99	cps
Yttrium	89-1	6595295	6617195	5447985	6220158	10.75	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	PB128153BL	Instrumnet Name :	P8
Client Sample ID :	PB128153BL	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:22:15	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	745243	735285	752040	744189	1.13	cps
Zinc	66-2	150	140	160	150	6.70	cps
Zirconium	90-1	283	242	275	267	8.27	cps
Zirconium	91-1	42	58	67	56	22.91	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : PB128153BS Instrumnet Name : P8
 Client Sample ID : PB128153BS Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 16:25:05 DataFile Name : 025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174197	174045	173512	173918	0.21	cps
Antimony	121-1	1853142	1866750	1899899	1873264	1.28	cps
Arsenic	75-2	60676	60086	60214	60325	0.51	cps
Barium	135-1	1761451	1792126	1803977	1785852	1.23	cps
Barium	137-1	3100510	3125602	3199124	3141745	1.63	cps
Beryllium	9-1	288734	293176	296181	292697	1.28	cps
Bismuth	209-1	3336901	3388168	3382325	3369131	0.83	cps
Bismuth	209-2	1810096	1662030	1784482	1752203	4.52	cps
Boron	11-1	78424	96943	108873	94747	16.19	cps
Boron	10-1	16402	19869	22306	19526	15.20	cps
Bromine	81-1	1682	1972	1782	1812	8.14	cps
Cadmium	106-1	44012	42357	43486	43285	1.95	cps
Cadmium	108-1	28976	29218	29302	29166	0.58	cps
Cadmium	111-1	409840	416226	418986	415018	1.13	cps
Calcium	43-1	429197	429288	421433	426639	1.06	cps
Calcium	44-1	6744814	6942920	6798649	6828794	1.50	cps
Chromium	52-2	433793	436778	435361	435311	0.34	cps
Cobalt	59-2	789777	791017	789516	790103	0.10	cps
Copper	63-2	6177086	6178468	6047933	6134496	1.22	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Dysprosium	156-2	13	20	3	12	68.66	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	67	75	58	67	12.50	cps
Gadolinium	160-2	20	37	30	29	29.04	cps
Holmium	165-1	5312805	5472588	5321211	5368868	1.67	cps
Holmium	165-2	2596438	2453368	2617573	2555793	3.50	cps
Indium	115-1	4536355	4637373	4659550	4611093	1.42	cps
Indium	115-2	735129	697699	731780	721536	2.87	cps
Iron	54-2	952195	939984	953401	948527	0.78	cps
Iron	56-2	17326938	17134092	17405465	17288832	0.81	cps
Iron	57-2	433906	428304	429361	430523	0.69	cps
Krypton	83-1	657	637	613	636	3.41	cps
Lead	207-1	4829637	4826415	4921038	4859030	1.11	cps
Lead	208-1	21359883	21678366	21882458	21640236	1.22	cps
Lead	206-1	5327408	5455855	5502622	5428628	1.67	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	PB128153BS	Instrumnet Name :	P8
Client Sample ID :	PB128153BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:25:05	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1070071	1083903	1068195	1074056	0.80	cps
Magnesium	24-2	2632401	2579820	2578114	2596778	1.19	cps
Manganese	55-2	2061324	2016455	2071895	2049891	1.44	cps
Molybdenum	94-1	3149434	3133713	3229190	3170779	1.61	cps
Molybdenum	95-1	3917186	3929844	4008821	3951950	1.26	cps
Molybdenum	96-1	4338243	4318113	4425603	4360653	1.31	cps
Molybdenum	97-1	2426474	2430593	2472631	2443233	1.05	cps
Molybdenum	98-1	6176478	6298000	6275747	6250075	1.04	cps
Neodymium	150-1	67	80	60	69	14.78	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	221766	220090	219538	220465	0.53	cps
Phosphorus	31-2	11430	12105	11530	11688	3.12	cps
Potassium	39-2	995767	997880	999821	997822	0.20	cps
Rhodium	103-1	4377072	4456326	4355179	4396192	1.21	cps
Rhodium	103-2	2186258	2087854	2204819	2159643	2.91	cps
Scandium	45-1	2846632	2866674	2874229	2862512	0.50	cps
Scandium	45-2	93277	86693	93240	91070	4.16	cps
Selenium	77-2	850	760	800	803	5.61	cps
Selenium	78-2	2736	2792	2702	2743	1.66	cps
Selenium	82-1	25167	25594	25769	25510	1.21	cps
Silicon	28-1	1181299	1217574	1248229	1215701	2.76	cps
Silver	109-1	1945427	1977652	1993312	1972131	1.24	cps
Silver	107-1	2022569	2024175	2085161	2043968	1.75	cps
Sodium	23-2	5042634	5000031	4928206	4990290	1.16	cps
Strontium	86-1	476469	480710	487076	481418	1.11	cps
Strontium	88-1	4101386	4147083	4175399	4141289	0.90	cps
Sulfur	34-1	521938	519237	520948	520707	0.26	cps
Terbium	159-1	5613870	5675732	5694385	5661329	0.74	cps
Terbium	159-2	2619136	2451099	2601706	2557313	3.61	cps
Thallium	203-1	1278301	1312163	1338335	1309600	2.30	cps
Thallium	205-1	3062632	3175907	3195395	3144645	2.28	cps
Tin	118-1	1231398	1272224	1271457	1258360	1.86	cps
Titanium	47-1	1033656	1050183	1053051	1045630	1.00	cps
Uranium	238-1	3919268	3871799	3957966	3916344	1.10	cps
Vanadium	51-2	343768	343948	347602	345106	0.63	cps
Yttrium	89-1	6517722	6717549	6742173	6659148	1.85	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	PB128153BS	Instrumnet Name :	P8
Client Sample ID :	PB128153BS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:25:05	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	753555	719711	755789	743018	2.72	cps
Zinc	66-2	825403	827753	823950	825702	0.23	cps
Zirconium	90-1	2610586	2640936	2693887	2648470	1.59	cps
Zirconium	91-1	589420	594125	598503	594016	0.76	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:27:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79308	79543	79409	79420	0.15	cps
Antimony	121-1	2959	2825	3200	2995	6.35	cps
Arsenic	75-2	516	496	497	503	2.24	cps
Barium	135-1	170175	172277	174598	172350	1.28	cps
Barium	137-1	297700	299053	301513	299422	0.65	cps
Beryllium	9-1	212	180	208	200	8.72	cps
Bismuth	209-1	3352463	3350095	3302628	3335062	0.84	cps
Bismuth	209-2	1842284	1791695	1772446	1802142	2.00	cps
Boron	11-1	19235	18074	17695	18334	4.38	cps
Boron	10-1	3954	3826	3498	3759	6.26	cps
Bromine	81-1	18922	23474	26202	22866	16.08	cps
Cadmium	106-1	1492	1467	1317	1425	6.64	cps
Cadmium	108-1	50	63	83	65	25.79	cps
Cadmium	111-1	1593	1546	1605	1581	1.99	cps
Calcium	43-1	146206	150180	148595	148327	1.35	cps
Calcium	44-1	2428595	2413979	2434105	2425560	0.43	cps
Chromium	52-2	20361	20198	20835	20465	1.62	cps
Cobalt	59-2	9350	9286	9523	9387	1.31	cps
Copper	63-2	273433	278836	283373	278547	1.79	cps
Dysprosium	156-1	3709	4367	3576	3884	10.92	cps
Dysprosium	156-2	1817	1793	1803	1805	0.65	cps
Erbium	164-1	3100	3859	3676	3545	11.16	cps
Erbium	164-2	1777	1787	1677	1747	3.48	cps
Gadolinium	160-1	3926	3876	3667	3823	3.59	cps
Gadolinium	160-2	2187	2120	2014	2107	4.15	cps
Holmium	165-1	5254034	5291252	5394044	5313110	1.36	cps
Holmium	165-2	2630910	2565177	2601477	2599188	1.27	cps
Indium	115-1	4633542	4662329	4709262	4668378	0.82	cps
Indium	115-2	745658	746678	752373	748236	0.48	cps
Iron	54-2	522599	523072	530177	525283	0.81	cps
Iron	56-2	9644025	9574064	9642619	9620236	0.42	cps
Iron	57-2	239481	240554	241973	240669	0.52	cps
Krypton	83-1	587	700	747	678	12.14	cps
Lead	207-1	4415610	4515969	4541604	4491061	1.48	cps
Lead	208-1	20188729	20408866	20597695	20398430	1.00	cps
Lead	206-1	5112523	5228377	5306529	5215809	1.87	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:27:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1071552	1106910	1093058	1090507	1.63	cps
Magnesium	24-2	354251	357506	361734	357830	1.05	cps
Manganese	55-2	172094	172344	177662	174033	1.81	cps
Molybdenum	94-1	2625	2634	2759	2673	2.80	cps
Molybdenum	95-1	2742	2892	3275	2970	9.26	cps
Molybdenum	96-1	3759	3517	3601	3626	3.39	cps
Molybdenum	97-1	1934	2025	1959	1972	2.40	cps
Molybdenum	98-1	4918	5176	5059	5051	2.56	cps
Neodymium	150-1	5828	6042	6388	6086	4.65	cps
Neodymium	150-2	1987	2020	2170	2059	4.74	cps
Nickel	60-2	5965	5691	6315	5990	5.22	cps
Phosphorus	31-2	475	383	425	428	10.73	cps
Potassium	39-2	57975	59322	58930	58742	1.18	cps
Rhodium	103-1	4436833	4462884	4490315	4463344	0.60	cps
Rhodium	103-2	2239731	2228544	2292075	2253450	1.51	cps
Scandium	45-1	2805962	2806823	2850922	2821236	0.91	cps
Scandium	45-2	93840	91411	93516	92923	1.42	cps
Selenium	77-2	3	0	20	8	137.80	cps
Selenium	78-2	29	38	27	31	18.70	cps
Selenium	82-1	209	96	-38	89	138.97	cps
Silicon	28-1	4842130	5048166	4891809	4927368	2.18	cps
Silver	109-1	667	667	650	661	1.46	cps
Silver	107-1	658	642	833	711	14.93	cps
Sodium	23-2	2159445	2194907	2196210	2183520	0.96	cps
Strontium	86-1	71282	68560	70636	70159	2.03	cps
Strontium	88-1	594934	601958	602288	599726	0.69	cps
Sulfur	34-1	404334	410304	404516	406385	0.84	cps
Terbium	159-1	5665754	5535242	5625911	5608969	1.19	cps
Terbium	159-2	2618373	2596523	2594091	2602995	0.51	cps
Thallium	203-1	1550	1784	1825	1720	8.62	cps
Thallium	205-1	3651	4401	4351	4134	10.15	cps
Tin	118-1	18880	18972	18463	18772	1.44	cps
Titanium	47-1	87474	89394	88162	88344	1.10	cps
Uranium	238-1	4751	4309	4443	4501	5.03	cps
Vanadium	51-2	11231	11228	11401	11287	0.88	cps
Yttrium	89-1	6669327	6582318	6702057	6651234	0.93	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:27:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	756754	756014	762912	758560	0.50	cps
Zinc	66-2	86616	88823	90299	88579	2.09	cps
Zirconium	90-1	2542	2392	2317	2417	4.74	cps
Zirconium	91-1	600	475	525	533	11.80	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:30:44	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78289	76691	76239	77073	1.40	cps
Antimony	121-1	2842	2617	2875	2778	5.06	cps
Arsenic	75-2	477	470	491	479	2.23	cps
Barium	135-1	168126	169536	170185	169282	0.62	cps
Barium	137-1	293247	295874	297989	295703	0.80	cps
Beryllium	9-1	172	198	182	184	7.13	cps
Bismuth	209-1	3291134	3339975	3341350	3324153	0.86	cps
Bismuth	209-2	1723763	1756781	1741490	1740678	0.95	cps
Boron	11-1	9681	10168	10362	10070	3.48	cps
Boron	10-1	2002	1974	2086	2020	2.88	cps
Bromine	81-1	21839	26853	28488	25727	13.47	cps
Cadmium	106-1	1692	1458	1500	1550	8.03	cps
Cadmium	108-1	71	92	46	69	33.05	cps
Cadmium	111-1	1714	1503	1676	1631	6.91	cps
Calcium	43-1	145785	147651	150363	147933	1.56	cps
Calcium	44-1	2387001	2420276	2459658	2422312	1.50	cps
Chromium	52-2	19914	19794	19834	19847	0.31	cps
Cobalt	59-2	9460	9400	9457	9439	0.36	cps
Copper	63-2	271136	273981	271352	272156	0.58	cps
Dysprosium	156-1	4067	3959	3659	3895	5.43	cps
Dysprosium	156-2	1837	1933	1663	1811	7.55	cps
Erbium	164-1	3776	3792	3567	3712	3.38	cps
Erbium	164-2	1760	1640	1717	1706	3.56	cps
Gadolinium	160-1	3909	3659	4142	3903	6.19	cps
Gadolinium	160-2	2084	2257	1860	2067	9.62	cps
Holmium	165-1	5379647	5319625	5311342	5336871	0.70	cps
Holmium	165-2	2472408	2563843	2503427	2513226	1.85	cps
Indium	115-1	4634999	4613243	4652279	4633507	0.42	cps
Indium	115-2	711131	739343	730689	727054	1.99	cps
Iron	54-2	519293	514992	510064	514783	0.90	cps
Iron	56-2	9385892	9495272	9337063	9406076	0.86	cps
Iron	57-2	235339	234866	231485	233896	0.90	cps
Krypton	83-1	647	547	663	619	10.20	cps
Lead	207-1	4426158	4470494	4520251	4472301	1.05	cps
Lead	208-1	20022065	20277894	20460271	20253410	1.09	cps
Lead	206-1	5085113	5204165	5217109	5168796	1.41	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:30:44	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1089351	1088956	1108972	1095759	1.04	cps
Magnesium	24-2	345802	349682	338111	344532	1.71	cps
Manganese	55-2	170620	171435	168546	170200	0.88	cps
Molybdenum	94-1	2500	2342	2634	2492	5.86	cps
Molybdenum	95-1	2767	2850	3259	2959	8.90	cps
Molybdenum	96-1	3367	3209	3767	3448	8.35	cps
Molybdenum	97-1	1725	2042	1934	1900	8.47	cps
Molybdenum	98-1	4768	4551	5109	4809	5.85	cps
Neodymium	150-1	6282	6075	6068	6142	1.98	cps
Neodymium	150-2	2040	2180	2080	2100	3.43	cps
Nickel	60-2	5891	5931	5868	5897	0.54	cps
Phosphorus	31-2	450	417	433	433	3.85	cps
Potassium	39-2	57214	57105	56469	56929	0.71	cps
Rhodium	103-1	4422090	4441139	4394231	4419153	0.53	cps
Rhodium	103-2	2148462	2199928	2230185	2192858	1.88	cps
Scandium	45-1	2821290	2798284	2830061	2816545	0.58	cps
Scandium	45-2	87046	90841	92083	89990	2.92	cps
Selenium	77-2	7	3	37	16	118.03	cps
Selenium	78-2	37	43	27	36	22.66	cps
Selenium	82-1	126	206	92	141	41.51	cps
Silicon	28-1	4851370	4973555	4820568	4881831	1.66	cps
Silver	109-1	892	908	800	867	6.73	cps
Silver	107-1	800	908	850	853	6.36	cps
Sodium	23-2	2145417	2135011	2108570	2129666	0.89	cps
Strontium	86-1	68435	69389	69423	69082	0.81	cps
Strontium	88-1	592449	597834	599130	596471	0.59	cps
Sulfur	34-1	398244	396223	394537	396335	0.47	cps
Terbium	159-1	5613306	5604086	5545044	5587478	0.66	cps
Terbium	159-2	2499680	2557367	2509354	2522133	1.22	cps
Thallium	203-1	283	350	367	333	13.23	cps
Thallium	205-1	992	892	750	878	13.83	cps
Tin	118-1	19072	18747	18822	18880	0.90	cps
Titanium	47-1	86200	88137	87257	87198	1.11	cps
Uranium	238-1	4584	3942	4643	4390	8.85	cps
Vanadium	51-2	10881	10841	10958	10893	0.54	cps
Yttrium	89-1	6633280	6657584	6599540	6630135	0.44	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:30:44	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	710674	750046	732801	731174	2.70	cps
Zinc	66-2	86334	87002	86334	86556	0.45	cps
Zirconium	90-1	2334	2192	2134	2220	4.63	cps
Zirconium	91-1	525	417	483	475	11.50	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL	Dilution Factor :	100
Date & Time Acquired ::	2020-04-14 16:33:32	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16626	15942	15966	16178	2.40	cps
Antimony	121-1	667	525	625	606	12.02	cps
Arsenic	75-2	92	92	96	93	2.47	cps
Barium	135-1	33183	34862	33024	33690	3.02	cps
Barium	137-1	58511	59347	58426	58761	0.87	cps
Beryllium	9-1	104	62	62	76	31.90	cps
Bismuth	209-1	3175445	3292795	3351756	3273332	2.74	cps
Bismuth	209-2	1819059	1823426	1790424	1810970	0.99	cps
Boron	11-1	5998	5986	5774	5919	2.13	cps
Boron	10-1	1286	1234	1224	1248	2.67	cps
Bromine	81-1	10845	11537	10745	11042	3.90	cps
Cadmium	106-1	1392	1333	1358	1361	2.15	cps
Cadmium	108-1	17	4	17	13	57.72	cps
Cadmium	111-1	1079	1055	1056	1064	1.28	cps
Calcium	43-1	29907	30249	30258	30138	0.66	cps
Calcium	44-1	494046	503118	500229	499131	0.93	cps
Chromium	52-2	4647	4954	5074	4892	4.50	cps
Cobalt	59-2	1757	1957	1917	1877	5.64	cps
Copper	63-2	55053	55397	55126	55192	0.33	cps
Dysprosium	156-1	633	850	842	775	15.84	cps
Dysprosium	156-2	310	340	333	328	4.81	cps
Erbium	164-1	800	800	942	847	9.65	cps
Erbium	164-2	373	363	293	343	12.70	cps
Gadolinium	160-1	808	675	792	758	9.58	cps
Gadolinium	160-2	443	440	463	449	2.81	cps
Holmium	165-1	5069914	5204479	5269683	5181359	1.97	cps
Holmium	165-2	2544197	2549406	2532644	2542083	0.34	cps
Indium	115-1	4426087	4568349	4682889	4559108	2.82	cps
Indium	115-2	735386	750229	732108	739241	1.31	cps
Iron	54-2	104065	102795	101855	102905	1.08	cps
Iron	56-2	1904938	1905151	1940864	1916984	1.08	cps
Iron	57-2	47318	47078	47502	47299	0.45	cps
Krypton	83-1	690	733	703	709	3.13	cps
Lead	207-1	839720	862984	852099	851601	1.37	cps
Lead	208-1	3971009	4025491	4016792	4004431	0.73	cps
Lead	206-1	996601	1004394	998042	999679	0.41	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL	Dilution Factor :	100
Date & Time Acquired ::	2020-04-14 16:33:32	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1037535	1080547	1097160	1071747	2.87	cps
Magnesium	24-2	69055	69675	68863	69198	0.61	cps
Manganese	55-2	34442	34154	34007	34201	0.65	cps
Molybdenum	94-1	617	717	800	711	12.91	cps
Molybdenum	95-1	600	567	700	622	11.15	cps
Molybdenum	96-1	758	1058	767	861	19.84	cps
Molybdenum	97-1	383	367	400	383	4.35	cps
Molybdenum	98-1	950	1025	950	975	4.44	cps
Neodymium	150-1	1260	1373	1133	1256	9.56	cps
Neodymium	150-2	397	503	383	428	15.38	cps
Nickel	60-2	1157	1247	1243	1216	4.20	cps
Phosphorus	31-2	200	308	275	261	21.25	cps
Potassium	39-2	24521	24546	24313	24460	0.52	cps
Rhodium	103-1	4225253	4353092	4380704	4319683	1.92	cps
Rhodium	103-2	2233577	2306587	2228206	2256123	1.94	cps
Scandium	45-1	2618717	2718514	2798694	2711975	3.32	cps
Scandium	45-2	90881	91170	90519	90857	0.36	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	38	37	37	37	1.55	cps
Selenium	82-1	92	36	116	81	50.80	cps
Silicon	28-1	1359676	1348080	1370925	1359561	0.84	cps
Silver	109-1	300	267	208	258	17.96	cps
Silver	107-1	325	342	292	319	7.97	cps
Sodium	23-2	455294	448657	446335	450095	1.03	cps
Strontium	86-1	14541	13832	14141	14171	2.51	cps
Strontium	88-1	116803	118575	118165	117848	0.79	cps
Sulfur	34-1	390782	389907	391233	390641	0.17	cps
Terbium	159-1	5277637	5451007	5582665	5437103	2.81	cps
Terbium	159-2	2617680	2589671	2569579	2592310	0.93	cps
Thallium	203-1	108	158	117	128	20.96	cps
Thallium	205-1	183	342	258	261	30.33	cps
Tin	118-1	3834	3859	4259	3984	5.99	cps
Titanium	47-1	17503	18145	18037	17895	1.92	cps
Uranium	238-1	917	883	850	883	3.77	cps
Vanadium	51-2	2254	2214	2300	2256	1.92	cps
Yttrium	89-1	6279974	6400675	6725928	6468859	3.57	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDLX100	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL	Dilution Factor :	100
Date & Time Acquired ::	2020-04-14 16:33:32	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	747605	752831	743811	748083	0.61	cps
Zinc	66-2	17716	17745	17528	17663	0.67	cps
Zirconium	90-1	458	750	675	628	24.13	cps
Zirconium	91-1	158	142	142	147	6.54	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:36:23	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97897	98212	97044	97718	0.62	cps
Antimony	121-1	57999	59346	58459	58601	1.17	cps
Arsenic	75-2	3633	3609	3568	3603	0.91	cps
Barium	135-1	259744	255301	257079	257375	0.87	cps
Barium	137-1	451822	450024	454738	452195	0.53	cps
Beryllium	9-1	15609	15311	15851	15590	1.74	cps
Bismuth	209-1	3300318	3339995	3343966	3328093	0.73	cps
Bismuth	209-2	1797820	1782847	1739288	1773319	1.71	cps
Boron	11-1	10738	12467	13872	12359	12.70	cps
Boron	10-1	2240	2588	2788	2538	10.92	cps
Bromine	81-1	21308	24526	28759	24864	15.03	cps
Cadmium	106-1	3801	3559	3684	3681	3.28	cps
Cadmium	108-1	1592	1521	1604	1572	2.86	cps
Cadmium	111-1	23472	23845	22685	23334	2.54	cps
Calcium	43-1	168084	165403	170604	168030	1.55	cps
Calcium	44-1	2723325	2742500	2768678	2744834	0.83	cps
Chromium	52-2	42466	42500	42821	42596	0.46	cps
Cobalt	59-2	51730	52680	51346	51919	1.32	cps
Copper	63-2	333956	334697	329916	332856	0.77	cps
Dysprosium	156-1	3734	4151	4084	3990	5.61	cps
Dysprosium	156-2	1773	1757	1707	1746	1.99	cps
Erbium	164-1	3376	3759	3951	3695	7.93	cps
Erbium	164-2	1577	1643	1697	1639	3.67	cps
Gadolinium	160-1	4209	4001	3559	3923	8.46	cps
Gadolinium	160-2	2014	2110	2254	2126	5.68	cps
Holmium	165-1	5344049	5288891	5344613	5325851	0.60	cps
Holmium	165-2	2553029	2555642	2573612	2560761	0.44	cps
Indium	115-1	4672194	4655484	4663279	4663652	0.18	cps
Indium	115-2	736619	741268	744304	740730	0.52	cps
Iron	54-2	550323	552866	547984	550391	0.44	cps
Iron	56-2	10149743	10280114	9954723	10128194	1.62	cps
Iron	57-2	254638	257413	251786	254612	1.11	cps
Krypton	83-1	717	673	667	686	3.96	cps
Lead	207-1	4424253	4409245	4435313	4422937	0.30	cps
Lead	208-1	20094585	20067870	20267142	20143199	0.54	cps
Lead	206-1	5169543	5111061	5174982	5151862	0.69	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:36:23	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1084009	1080594	1109817	1091473	1.46	cps
Magnesium	24-2	478990	480621	485732	481781	0.73	cps
Manganese	55-2	191703	193226	187579	190836	1.53	cps
Molybdenum	94-1	162130	163149	163023	162767	0.34	cps
Molybdenum	95-1	206197	207193	204430	205940	0.68	cps
Molybdenum	96-1	227288	230066	226179	227844	0.88	cps
Molybdenum	97-1	127230	128979	126027	127412	1.16	cps
Molybdenum	98-1	328935	334643	332938	332172	0.88	cps
Neodymium	150-1	5788	6155	6175	6039	3.61	cps
Neodymium	150-2	2184	2084	2157	2141	2.42	cps
Nickel	60-2	17608	17891	17901	17800	0.94	cps
Phosphorus	31-2	525	383	425	444	16.38	cps
Potassium	39-2	106827	107733	107423	107328	0.43	cps
Rhodium	103-1	4404010	4468423	4500703	4457712	1.10	cps
Rhodium	103-2	2226097	2259947	2259525	2248523	0.86	cps
Scandium	45-1	2801631	2787369	2839050	2809350	0.95	cps
Scandium	45-2	92052	91597	91694	91781	0.26	cps
Selenium	77-2	47	27	43	39	27.55	cps
Selenium	78-2	174	158	136	156	12.23	cps
Selenium	82-1	1307	1339	1368	1338	2.31	cps
Silicon	28-1	4747609	4650770	4685290	4694556	1.05	cps
Silver	109-1	103555	102353	103446	103118	0.64	cps
Silver	107-1	107241	107988	105552	106927	1.17	cps
Sodium	23-2	2341981	2384884	2402258	2376375	1.31	cps
Strontium	86-1	94175	93998	94351	94175	0.19	cps
Strontium	88-1	805793	812746	811943	810161	0.47	cps
Sulfur	34-1	398841	405509	404366	402905	0.89	cps
Terbium	159-1	5536951	5636119	5672718	5615263	1.25	cps
Terbium	159-2	2538658	2595475	2570927	2568354	1.11	cps
Thallium	203-1	68523	68230	69227	68660	0.75	cps
Thallium	205-1	160781	160840	161565	161062	0.27	cps
Tin	118-1	84049	86523	85852	85475	1.50	cps
Titanium	47-1	150266	149045	149820	149710	0.41	cps
Uranium	238-1	205121	208764	206803	206896	0.88	cps
Vanadium	51-2	29521	29029	28943	29164	1.07	cps
Yttrium	89-1	6606365	6655821	6616586	6626258	0.39	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:36:23	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	751762	748940	755643	752115	0.45	cps
Zinc	66-2	93002	94249	93246	93499	0.71	cps
Zirconium	90-1	124931	129077	129127	127712	1.89	cps
Zirconium	91-1	29089	29423	29282	29265	0.57	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:39:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93609	92683	93220	93170	0.50	cps
Antimony	121-1	58433	59179	60091	59234	1.40	cps
Arsenic	75-2	3634	3554	3618	3602	1.18	cps
Barium	135-1	255245	255938	257956	256380	0.55	cps
Barium	137-1	445890	448572	457886	450783	1.40	cps
Beryllium	9-1	15329	15779	15825	15645	1.75	cps
Bismuth	209-1	3280785	3418336	3376750	3358624	2.10	cps
Bismuth	209-2	1828654	1827908	1805528	1820697	0.72	cps
Boron	11-1	11288	12945	14096	12776	11.05	cps
Boron	10-1	2358	2552	2762	2557	7.90	cps
Bromine	81-1	26041	29913	31929	29294	10.21	cps
Cadmium	106-1	3651	3609	3626	3628	0.58	cps
Cadmium	108-1	1758	1592	1554	1635	6.65	cps
Cadmium	111-1	23835	23797	23655	23762	0.40	cps
Calcium	43-1	169062	171184	171449	170565	0.77	cps
Calcium	44-1	2770252	2842747	2806649	2806550	1.29	cps
Chromium	52-2	42864	41610	42269	42248	1.48	cps
Cobalt	59-2	51677	51279	51506	51487	0.39	cps
Copper	63-2	339488	334478	336028	336665	0.76	cps
Dysprosium	156-1	3559	3767	3809	3712	3.61	cps
Dysprosium	156-2	1867	1733	1780	1793	3.77	cps
Erbium	164-1	3801	3417	3684	3634	5.41	cps
Erbium	164-2	1650	1563	1650	1621	3.09	cps
Gadolinium	160-1	3817	3959	4067	3948	3.18	cps
Gadolinium	160-2	2064	2104	2090	2086	0.98	cps
Holmium	165-1	5282829	5410715	5346146	5346563	1.20	cps
Holmium	165-2	2648267	2636353	2603045	2629222	0.89	cps
Indium	115-1	4635755	4771215	4669553	4692174	1.50	cps
Indium	115-2	752669	757250	754638	754852	0.30	cps
Iron	54-2	538890	535405	534729	536341	0.42	cps
Iron	56-2	10005131	9803329	9884981	9897814	1.03	cps
Iron	57-2	249793	246599	243599	246664	1.26	cps
Krypton	83-1	657	663	617	646	3.91	cps
Lead	207-1	4422406	4478901	4491316	4464208	0.82	cps
Lead	208-1	20084752	20590617	20356261	20343877	1.24	cps
Lead	206-1	5141316	5260581	5250171	5217356	1.27	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:39:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1084461	1110407	1121964	1105611	1.74	cps
Magnesium	24-2	480949	483679	479696	481441	0.42	cps
Manganese	55-2	190125	190202	188909	189745	0.38	cps
Molybdenum	94-1	164246	164051	163957	164085	0.09	cps
Molybdenum	95-1	206433	211218	207296	208316	1.22	cps
Molybdenum	96-1	226540	232469	227658	228889	1.38	cps
Molybdenum	97-1	129719	130342	130511	130191	0.32	cps
Molybdenum	98-1	333293	336045	336481	335273	0.52	cps
Neodymium	150-1	5861	6048	5555	5821	4.28	cps
Neodymium	150-2	2077	2184	2204	2155	3.16	cps
Nickel	60-2	17848	17541	17971	17787	1.25	cps
Phosphorus	31-2	358	375	492	408	17.79	cps
Potassium	39-2	107273	108784	107155	107737	0.84	cps
Rhodium	103-1	4353634	4506406	4418589	4426210	1.73	cps
Rhodium	103-2	2270679	2278522	2265481	2271561	0.29	cps
Scandium	45-1	2786754	2867152	2868190	2840699	1.64	cps
Scandium	45-2	93129	93102	91889	92707	0.76	cps
Selenium	77-2	37	83	77	66	38.50	cps
Selenium	78-2	153	156	164	158	3.61	cps
Selenium	82-1	1358	1405	1447	1403	3.16	cps
Silicon	28-1	4406014	4525911	4397566	4443164	1.62	cps
Silver	109-1	102949	105133	103856	103979	1.05	cps
Silver	107-1	106754	108206	109499	108153	1.27	cps
Sodium	23-2	2359159	2428249	2402927	2396778	1.46	cps
Strontium	86-1	93528	94938	96398	94955	1.51	cps
Strontium	88-1	816013	823369	815655	818346	0.53	cps
Sulfur	34-1	404890	402589	403717	403732	0.29	cps
Terbium	159-1	5544409	5720247	5667711	5644122	1.60	cps
Terbium	159-2	2611271	2638643	2638625	2629513	0.60	cps
Thallium	203-1	67878	69637	69051	68856	1.30	cps
Thallium	205-1	161145	166457	164871	164157	1.66	cps
Tin	118-1	84502	88779	87412	86898	2.51	cps
Titanium	47-1	144633	145197	146738	145523	0.75	cps
Uranium	238-1	206999	212981	213450	211143	1.70	cps
Vanadium	51-2	29143	28582	28999	28908	1.01	cps
Yttrium	89-1	6517370	6719023	6548466	6594953	1.65	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:39:11	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	762790	759586	757725	760034	0.34	cps
Zinc	66-2	95190	95212	95097	95166	0.06	cps
Zirconium	90-1	123669	124184	122780	123544	0.58	cps
Zirconium	91-1	27486	27261	27344	27364	0.42	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:42:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92764	91070	93253	92362	1.24	cps
Antimony	121-1	66111	66019	67601	66577	1.33	cps
Arsenic	75-2	3617	3580	3790	3662	3.06	cps
Barium	135-1	262380	261299	262984	262221	0.33	cps
Barium	137-1	461846	460594	463542	461994	0.32	cps
Beryllium	9-1	16138	16256	16206	16200	0.37	cps
Bismuth	209-1	3375852	3390230	3437124	3401069	0.94	cps
Bismuth	209-2	1651025	1694052	1774007	1706361	3.66	cps
Boron	11-1	11470	13145	14020	12878	10.06	cps
Boron	10-1	2420	2708	2852	2660	8.27	cps
Bromine	81-1	23554	26402	27916	25957	8.53	cps
Cadmium	106-1	3592	3542	3451	3528	2.04	cps
Cadmium	108-1	1675	1613	1638	1642	1.92	cps
Cadmium	111-1	23681	24262	24330	24091	1.48	cps
Calcium	43-1	171716	176879	171834	173476	1.70	cps
Calcium	44-1	2843860	2833872	2859521	2845751	0.45	cps
Chromium	52-2	42741	41921	42520	42394	1.00	cps
Cobalt	59-2	51255	51740	53038	52011	1.77	cps
Copper	63-2	339916	332760	344083	338920	1.69	cps
Dysprosium	156-1	4017	3659	3951	3876	4.92	cps
Dysprosium	156-2	1723	1667	1917	1769	7.41	cps
Erbium	164-1	3717	3759	3442	3640	4.73	cps
Erbium	164-2	1727	1607	1750	1695	4.54	cps
Gadolinium	160-1	4217	3959	3809	3995	5.17	cps
Gadolinium	160-2	2117	1940	2180	2079	5.98	cps
Holmium	165-1	5468957	5311941	5440321	5407073	1.55	cps
Holmium	165-2	2395014	2534501	2560058	2496524	3.56	cps
Indium	115-1	4772128	4662682	4740090	4724966	1.19	cps
Indium	115-2	687292	729929	744645	720622	4.13	cps
Iron	54-2	539085	543235	550008	544109	1.01	cps
Iron	56-2	10119607	9958068	10188349	10088675	1.17	cps
Iron	57-2	250352	251496	252356	251401	0.40	cps
Krypton	83-1	733	640	710	694	6.99	cps
Lead	207-1	4538873	4559970	4553566	4550803	0.24	cps
Lead	208-1	20692505	20577555	20986311	20752124	1.02	cps
Lead	206-1	5281830	5250230	5373940	5302000	1.21	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:42:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1129017	1115005	1106890	1116971	1.00	cps
Magnesium	24-2	487794	486517	490566	488292	0.42	cps
Manganese	55-2	192561	189014	194063	191879	1.35	cps
Molybdenum	94-1	164640	163814	163064	163840	0.48	cps
Molybdenum	95-1	212521	210908	214206	212545	0.78	cps
Molybdenum	96-1	232599	231380	237654	233878	1.42	cps
Molybdenum	97-1	133270	130888	134784	132981	1.48	cps
Molybdenum	98-1	342795	342779	345656	343743	0.48	cps
Neodymium	150-1	6395	5868	6342	6202	4.68	cps
Neodymium	150-2	2247	2067	2104	2139	4.45	cps
Nickel	60-2	17768	17878	18058	17901	0.82	cps
Phosphorus	31-2	417	350	383	383	8.70	cps
Potassium	39-2	107432	107944	109757	108378	1.13	cps
Rhodium	103-1	4501590	4436619	4481555	4473255	0.74	cps
Rhodium	103-2	2072896	2167948	2225186	2155343	3.57	cps
Scandium	45-1	2855704	2842766	2812738	2837069	0.78	cps
Scandium	45-2	85111	89423	91596	88710	3.72	cps
Selenium	77-2	40	10	53	34	64.43	cps
Selenium	78-2	164	135	178	159	13.80	cps
Selenium	82-1	1364	1380	1393	1379	1.04	cps
Silicon	28-1	4958203	4988290	5100491	5015661	1.50	cps
Silver	109-1	104218	105351	108803	106124	2.25	cps
Silver	107-1	110910	109633	111314	110619	0.79	cps
Sodium	23-2	2388668	2397493	2476470	2420877	2.00	cps
Strontium	86-1	95734	95173	95719	95542	0.33	cps
Strontium	88-1	831680	841944	848375	840666	1.00	cps
Sulfur	34-1	404040	404292	402892	403741	0.18	cps
Terbium	159-1	5729380	5599696	5594283	5641120	1.36	cps
Terbium	159-2	2394459	2489225	2554012	2479232	3.24	cps
Thallium	203-1	69746	69972	70601	70106	0.63	cps
Thallium	205-1	167117	167489	169878	168161	0.89	cps
Tin	118-1	87060	87026	87739	87275	0.46	cps
Titanium	47-1	147992	146704	147867	147521	0.48	cps
Uranium	238-1	218060	215996	218042	217366	0.55	cps
Vanadium	51-2	29978	28916	29584	29493	1.82	cps
Yttrium	89-1	6731840	6679772	6679324	6696979	0.45	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADLX20	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:42:02	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	695465	722385	748890	722247	3.70	cps
Zinc	66-2	96784	93656	96932	95791	1.93	cps
Zirconium	90-1	114938	115536	117536	116003	1.17	cps
Zirconium	91-1	25466	25666	25599	25577	0.40	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DLX20	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:44:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106113	104858	106997	105989	1.01	cps
Antimony	121-1	2392	2692	2384	2489	7.06	cps
Arsenic	75-2	588	597	566	584	2.73	cps
Barium	135-1	225689	224994	228417	226367	0.80	cps
Barium	137-1	387066	389674	394175	390305	0.92	cps
Beryllium	9-1	250	270	242	254	5.68	cps
Bismuth	209-1	3366229	3383127	3412550	3387302	0.69	cps
Bismuth	209-2	1790498	1795418	1815154	1800357	0.72	cps
Boron	11-1	7200	7857	7959	7672	5.36	cps
Boron	10-1	1568	1526	1680	1591	5.00	cps
Bromine	81-1	25670	26422	28970	27020	6.40	cps
Cadmium	106-1	1367	1442	1725	1511	12.51	cps
Cadmium	108-1	83	46	46	58	37.13	cps
Cadmium	111-1	1569	1865	1921	1785	10.59	cps
Calcium	43-1	152301	156992	157963	155752	1.94	cps
Calcium	44-1	2557300	2581687	2539590	2559526	0.83	cps
Chromium	52-2	25693	26074	25894	25887	0.74	cps
Cobalt	59-2	12155	11945	11515	11872	2.75	cps
Copper	63-2	298249	297727	295329	297101	0.52	cps
Dysprosium	156-1	5451	5418	4984	5285	4.93	cps
Dysprosium	156-2	2260	2344	2317	2307	1.85	cps
Erbium	164-1	4818	4626	4676	4707	2.11	cps
Erbium	164-2	2100	2187	2064	2117	2.99	cps
Gadolinium	160-1	4951	5368	4801	5040	5.83	cps
Gadolinium	160-2	2490	2440	2370	2434	2.48	cps
Holmium	165-1	5326004	5416883	5377691	5373526	0.85	cps
Holmium	165-2	2553119	2610724	2595619	2586487	1.15	cps
Indium	115-1	4721329	4671038	4754601	4715656	0.89	cps
Indium	115-2	735428	738339	744745	739504	0.64	cps
Iron	54-2	681997	681879	678671	680849	0.28	cps
Iron	56-2	12655710	12647739	12511459	12604969	0.64	cps
Iron	57-2	314539	319095	307943	313859	1.79	cps
Krypton	83-1	647	653	683	661	2.95	cps
Lead	207-1	4291777	4345777	4305351	4314302	0.65	cps
Lead	208-1	19535585	19810248	19601823	19649219	0.73	cps
Lead	206-1	5001834	5082930	4959337	5014700	1.25	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DLX20	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:44:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1115615	1134726	1141860	1130734	1.20	cps
Magnesium	24-2	394081	389883	394823	392929	0.68	cps
Manganese	55-2	197019	196722	194547	196096	0.69	cps
Molybdenum	94-1	4226	4076	4292	4198	2.64	cps
Molybdenum	95-1	3767	3826	3509	3701	4.56	cps
Molybdenum	96-1	4951	4368	4676	4665	6.26	cps
Molybdenum	97-1	2167	2300	2234	2234	2.98	cps
Molybdenum	98-1	5976	6068	6160	6068	1.51	cps
Neodymium	150-1	7796	7809	7762	7789	0.31	cps
Neodymium	150-2	2737	2694	2594	2675	2.75	cps
Nickel	60-2	7772	7612	7552	7645	1.49	cps
Phosphorus	31-2	608	550	550	569	5.92	cps
Potassium	39-2	67918	68772	69384	68692	1.07	cps
Rhodium	103-1	4462670	4430998	4401364	4431677	0.69	cps
Rhodium	103-2	2210995	2239309	2197647	2215984	0.96	cps
Scandium	45-1	2854228	2870759	2805634	2843540	1.19	cps
Scandium	45-2	91616	92800	91495	91971	0.78	cps
Selenium	77-2	3	17	17	12	63.01	cps
Selenium	78-2	29	42	23	31	31.00	cps
Selenium	82-1	103	111	49	88	38.35	cps
Silicon	28-1	4708619	4637272	4598639	4648176	1.20	cps
Silver	109-1	883	867	967	906	5.92	cps
Silver	107-1	892	1050	1117	1020	11.34	cps
Sodium	23-2	2123705	2119691	2146997	2130131	0.69	cps
Strontium	86-1	72564	72932	73025	72840	0.33	cps
Strontium	88-1	627875	636494	630558	631642	0.70	cps
Sulfur	34-1	404778	400303	403642	402908	0.58	cps
Terbium	159-1	5609198	5744100	5662687	5671995	1.20	cps
Terbium	159-2	2603285	2517820	2583086	2568064	1.74	cps
Thallium	203-1	333	417	325	358	14.15	cps
Thallium	205-1	1000	833	858	897	10.02	cps
Tin	118-1	23387	24239	23320	23649	2.16	cps
Titanium	47-1	139366	140745	139338	139816	0.58	cps
Uranium	238-1	5335	5101	5818	5418	6.75	cps
Vanadium	51-2	15188	14901	14981	15024	0.99	cps
Yttrium	89-1	6712182	6784404	6642492	6713026	1.06	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DLX20	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL	Dilution Factor :	20
Date & Time Acquired ::	2020-04-14 16:44:50	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	744063	748668	748806	747179	0.36	cps
Zinc	66-2	99090	98202	99086	98792	0.52	cps
Zirconium	90-1	5118	5126	5334	5193	2.36	cps
Zirconium	91-1	1158	1258	1042	1153	9.41	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:47:41	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	873146	861992	866992	867376	0.64	cps
Antimony	121-1	1815642	1870662	1874572	1853625	1.78	cps
Arsenic	75-2	58894	58353	58690	58646	0.47	cps
Barium	135-1	1760046	1786405	1821479	1789310	1.72	cps
Barium	137-1	3119093	3168640	3141110	3142947	0.79	cps
Beryllium	9-1	294535	296194	295766	295498	0.29	cps
Bismuth	209-1	3319316	3338963	3331612	3329964	0.30	cps
Bismuth	209-2	1732360	1684572	1706985	1707972	1.40	cps
Boron	11-1	91603	109032	120822	107152	13.72	cps
Boron	10-1	19023	22246	24590	21953	12.73	cps
Bromine	81-1	7950	7269	7189	7470	5.60	cps
Cadmium	106-1	41772	43126	42775	42558	1.65	cps
Cadmium	108-1	28634	29077	28960	28890	0.79	cps
Cadmium	111-1	408087	408913	407227	408076	0.21	cps
Calcium	43-1	1962670	1933714	1970562	1955649	0.99	cps
Calcium	44-1	31787917	31755035	32044336	31862430	0.50	cps
Chromium	52-2	435465	422455	432000	429973	1.57	cps
Cobalt	59-2	765100	757626	762944	761890	0.50	cps
Copper	63-2	5883858	5805587	5788885	5826110	0.87	cps
Dysprosium	156-1	108	117	142	122	14.19	cps
Dysprosium	156-2	73	50	53	59	21.43	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	27	7	17	17	59.99	cps
Gadolinium	160-1	167	142	167	158	9.12	cps
Gadolinium	160-2	97	73	77	82	15.35	cps
Holmium	165-1	5461538	5373549	5429906	5421665	0.82	cps
Holmium	165-2	2570945	2532446	2577632	2560341	0.95	cps
Indium	115-1	4797626	4640726	4698839	4712397	1.68	cps
Indium	115-2	726497	723905	732228	727543	0.59	cps
Iron	54-2	4473685	4339032	4381724	4398147	1.56	cps
Iron	56-2	81999521	80063732	80488541	80850598	1.26	cps
Iron	57-2	2099035	2036797	2073450	2069761	1.51	cps
Krypton	83-1	693	630	633	652	5.47	cps
Lead	207-1	4723424	4886721	4887487	4832544	1.96	cps
Lead	208-1	21308365	21605252	21714498	21542705	0.98	cps
Lead	206-1	5293059	5403845	5450787	5382563	1.50	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:47:41	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1118057	1079237	1091782	1096359	1.81	cps
Magnesium	24-2	12036574	11836329	12138754	12003886	1.28	cps
Manganese	55-2	1996094	1969950	2000194	1988746	0.82	cps
Molybdenum	94-1	3192453	3172036	3235903	3200131	1.02	cps
Molybdenum	95-1	3976943	3914092	3959378	3950138	0.82	cps
Molybdenum	96-1	4368046	4392215	4460901	4407054	1.09	cps
Molybdenum	97-1	2431801	2445767	2501415	2459661	1.50	cps
Molybdenum	98-1	6283792	6293562	6326918	6301424	0.36	cps
Neodymium	150-1	73	67	47	62	22.30	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	215170	213958	213711	214280	0.36	cps
Phosphorus	31-2	11238	10821	11855	11305	4.60	cps
Potassium	39-2	4574064	4548942	4585942	4569649	0.41	cps
Rhodium	103-1	4326416	4267329	4353733	4315826	1.02	cps
Rhodium	103-2	2136149	2130994	2095948	2121030	1.03	cps
Scandium	45-1	2794322	2774554	2785784	2784887	0.36	cps
Scandium	45-2	92097	89638	91087	90940	1.36	cps
Selenium	77-2	720	787	673	727	7.84	cps
Selenium	78-2	2575	2498	2728	2600	4.49	cps
Selenium	82-1	24903	25398	25304	25202	1.04	cps
Silicon	28-1	1265928	1310045	1388248	1321407	4.69	cps
Silver	109-1	1912778	1906302	1944293	1921124	1.06	cps
Silver	107-1	2031315	2025391	1990200	2015635	1.10	cps
Sodium	23-2	23808767	22783812	23387777	23326786	2.21	cps
Strontium	86-1	473877	483598	475045	477506	1.11	cps
Strontium	88-1	4100622	4111557	4125850	4112676	0.31	cps
Sulfur	34-1	519106	518114	521831	519684	0.37	cps
Terbium	159-1	5755877	5718185	5697100	5723720	0.52	cps
Terbium	159-2	2532375	2569046	2561307	2554243	0.76	cps
Thallium	203-1	1291218	1322679	1314828	1309575	1.25	cps
Thallium	205-1	3064980	3176570	3150244	3130598	1.86	cps
Tin	118-1	1249553	1258201	1256915	1254890	0.37	cps
Titanium	47-1	1022378	1027881	1043264	1031174	1.05	cps
Uranium	238-1	3991983	4003040	4031068	4008697	0.50	cps
Vanadium	51-2	337140	336231	337906	337092	0.25	cps
Yttrium	89-1	6590521	6601351	6582638	6591503	0.14	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV06	Instrumnet Name :	P8
Client Sample ID :	CCV06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:47:41	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	741570	735066	740159	738932	0.46	cps
Zinc	66-2	794082	778781	782517	785127	1.02	cps
Zirconium	90-1	2640140	2673843	2666340	2660107	0.67	cps
Zirconium	91-1	587262	590607	593331	590400	0.51	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P8
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 16:52:28 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	287	303	323	304	6.03	cps
Antimony	121-1	192	125	175	164	21.17	cps
Arsenic	75-2	7	3	6	5	39.03	cps
Barium	135-1	83	17	0	33	132.28	cps
Barium	137-1	75	25	25	42	69.28	cps
Beryllium	9-1	58	62	64	61	4.98	cps
Bismuth	209-1	3198453	3285348	3123243	3202348	2.53	cps
Bismuth	209-2	1708733	1745286	1699562	1717860	1.41	cps
Boron	11-1	7182	6998	6684	6955	3.62	cps
Boron	10-1	1434	1458	1294	1395	6.35	cps
Bromine	81-1	3314	2933	3063	3104	6.23	cps
Cadmium	106-1	1117	1200	1092	1136	4.99	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Cadmium	111-1	788	845	765	800	5.15	cps
Calcium	43-1	233	292	250	258	11.63	cps
Calcium	44-1	17419	17002	17753	17392	2.16	cps
Chromium	52-2	1140	1107	1173	1140	2.92	cps
Cobalt	59-2	30	30	33	31	6.18	cps
Copper	63-2	1093	1067	963	1041	6.60	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	13	13	7	11	34.61	cps
Gadolinium	160-1	50	33	33	39	24.75	cps
Gadolinium	160-2	17	7	3	9	78.08	cps
Holmium	165-1	5021241	5251690	4904175	5059035	3.50	cps
Holmium	165-2	2492933	2492271	2477509	2487571	0.35	cps
Indium	115-1	4423596	4564131	4387918	4458548	2.09	cps
Indium	115-2	700191	712723	707160	706691	0.89	cps
Iron	54-2	394	450	411	419	6.81	cps
Iron	56-2	2428	2589	2467	2495	3.37	cps
Iron	57-2	111	83	78	91	19.68	cps
Krypton	83-1	610	713	693	672	8.15	cps
Lead	207-1	1772	1683	1928	1795	6.90	cps
Lead	208-1	8096	7901	8240	8079	2.11	cps
Lead	206-1	1928	2011	1967	1969	2.12	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : CCB06 Instrumnet Name : P8
 Client Sample ID : CCB06 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 16:52:28 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1042226	1068201	1052182	1054203	1.24	cps
Magnesium	24-2	167	225	183	192	15.68	cps
Manganese	55-2	70	77	80	76	6.74	cps
Molybdenum	94-1	167	100	108	125	29.06	cps
Molybdenum	95-1	67	58	42	56	22.91	cps
Molybdenum	96-1	200	142	167	169	17.27	cps
Molybdenum	97-1	100	33	50	61	56.78	cps
Molybdenum	98-1	108	92	75	92	18.18	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	103	63	50	72	38.43	cps
Phosphorus	31-2	150	175	175	167	8.66	cps
Potassium	39-2	16693	16693	15342	16243	4.80	cps
Rhodium	103-1	4199793	4255840	4181895	4212509	0.92	cps
Rhodium	103-2	2195453	2185548	2152142	2177715	1.04	cps
Scandium	45-1	2618020	2730591	2558811	2635807	3.31	cps
Scandium	45-2	87833	88900	87897	88210	0.68	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	20	29	33	27	24.36	cps
Selenium	82-1	143	-29	33	49	178.59	cps
Silicon	28-1	469197	466257	470799	468751	0.49	cps
Silver	109-1	125	108	67	100	30.04	cps
Silver	107-1	125	108	108	114	8.45	cps
Sodium	23-2	22301	23169	22626	22699	1.93	cps
Strontium	86-1	1058	958	1025	1014	5.02	cps
Strontium	88-1	150	167	125	147	14.25	cps
Sulfur	34-1	405405	406927	404002	405445	0.36	cps
Terbium	159-1	5318062	5446723	5220781	5328522	2.13	cps
Terbium	159-2	2455998	2493006	2452998	2467334	0.90	cps
Thallium	203-1	208	167	175	183	12.03	cps
Thallium	205-1	408	325	450	394	16.14	cps
Tin	118-1	208	292	308	269	19.88	cps
Titanium	47-1	333	383	242	319	22.49	cps
Uranium	238-1	8	17	33	19	65.47	cps
Vanadium	51-2	7	13	30	17	72.11	cps
Yttrium	89-1	6267030	6372286	6142276	6260531	1.84	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB06	Instrumnet Name :	P8
Client Sample ID :	CCB06	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 16:52:28	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	715073	722220	712436	716576	0.71	cps
Zinc	66-2	180	230	200	203	12.39	cps
Zirconium	90-1	342	317	217	292	22.68	cps
Zirconium	91-1	50	25	67	47	44.41	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:55:19	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	282750	284349	278812	281970	1.01	cps
Antimony	121-1	10438	11789	12631	11619	9.52	cps
Arsenic	75-2	1808	1831	1665	1768	5.09	cps
Barium	135-1	599216	613969	610894	608026	1.28	cps
Barium	137-1	1046782	1082489	1089454	1072909	2.13	cps
Beryllium	9-1	584	524	492	533	8.76	cps
Bismuth	209-1	3169374	3224803	3294323	3229500	1.94	cps
Bismuth	209-2	1742779	1711788	1647178	1700582	2.87	cps
Boron	11-1	16004	18632	19845	18160	10.81	cps
Boron	10-1	3198	3656	4360	3738	15.66	cps
Bromine	81-1	67843	78809	91276	79310	14.78	cps
Cadmium	106-1	1400	1567	1575	1514	6.52	cps
Cadmium	108-1	204	183	192	193	5.43	cps
Cadmium	111-1	2879	3269	3135	3094	6.40	cps
Calcium	43-1	524143	533944	539543	532544	1.46	cps
Calcium	44-1	8350234	8594494	8584791	8509840	1.63	cps
Chromium	52-2	71424	70855	69638	70639	1.29	cps
Cobalt	59-2	34158	34108	33790	34018	0.59	cps
Copper	63-2	992386	1000869	1004235	999164	0.61	cps
Dysprosium	156-1	13849	14224	14466	14180	2.19	cps
Dysprosium	156-2	6428	6592	6298	6439	2.28	cps
Erbium	164-1	13316	13465	13549	13443	0.88	cps
Erbium	164-2	6065	6185	6088	6113	1.04	cps
Gadolinium	160-1	13424	14241	14508	14058	4.02	cps
Gadolinium	160-2	7719	7429	7459	7536	2.12	cps
Holmium	165-1	5019073	5118517	5112842	5083478	1.10	cps
Holmium	165-2	2478068	2457593	2404729	2446796	1.55	cps
Indium	115-1	4452935	4465700	4557383	4492006	1.27	cps
Indium	115-2	731282	739036	729238	733185	0.70	cps
Iron	54-2	1879674	1907208	1892357	1893080	0.73	cps
Iron	56-2	35181318	35182758	34570958	34978345	1.01	cps
Iron	57-2	871883	867244	860470	866532	0.66	cps
Krypton	83-1	707	650	707	688	4.76	cps
Lead	207-1	15846749	16010301	16064144	15973731	0.71	cps
Lead	208-1	72141343	73528475	73394340	73021386	1.05	cps
Lead	206-1	18434814	18826414	18612387	18624538	1.05	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:55:19	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1080438	1097190	1097257	1091628	0.89	cps
Magnesium	24-2	1291904	1284215	1285632	1287250	0.32	cps
Manganese	55-2	627209	627809	618363	624460	0.85	cps
Molybdenum	94-1	8494	8878	8970	8781	2.87	cps
Molybdenum	95-1	10204	11063	10112	10460	5.01	cps
Molybdenum	96-1	11196	11997	11438	11544	3.56	cps
Molybdenum	97-1	6368	6493	6568	6477	1.56	cps
Molybdenum	98-1	16418	17720	16786	16975	3.95	cps
Neodymium	150-1	21250	22813	22232	22098	3.57	cps
Neodymium	150-2	7532	7779	7509	7607	1.97	cps
Nickel	60-2	21243	21106	20889	21079	0.85	cps
Phosphorus	31-2	1042	983	967	997	3.95	cps
Potassium	39-2	162702	167236	164640	164860	1.38	cps
Rhodium	103-1	4166708	4258979	4201634	4209107	1.11	cps
Rhodium	103-2	2094613	2146552	2053762	2098309	2.22	cps
Scandium	45-1	2700713	2681969	2708159	2696947	0.50	cps
Scandium	45-2	89145	91033	84810	88329	3.61	cps
Selenium	77-2	37	37	43	39	9.89	cps
Selenium	78-2	46	41	44	44	5.76	cps
Selenium	82-1	103	193	105	134	38.57	cps
Silicon	28-1	16464817	16497241	16709090	16557050	0.80	cps
Silver	109-1	2267	2675	2867	2603	11.77	cps
Silver	107-1	2209	2759	2984	2650	15.05	cps
Sodium	23-2	7811592	7703129	7788866	7767862	0.74	cps
Strontium	86-1	244750	247479	252179	248136	1.51	cps
Strontium	88-1	2134351	2140734	2180828	2151971	1.17	cps
Sulfur	34-1	448185	445430	440949	444855	0.82	cps
Terbium	159-1	5329539	5489352	5392829	5403906	1.49	cps
Terbium	159-2	2489509	2484415	2395879	2456601	2.14	cps
Thallium	203-1	958	833	733	842	13.39	cps
Thallium	205-1	2259	2284	1984	2175	7.65	cps
Tin	118-1	66093	66889	65499	66160	1.05	cps
Titanium	47-1	306877	319955	316820	314551	2.17	cps
Uranium	238-1	15869	15819	16378	16022	1.93	cps
Vanadium	51-2	40183	40895	39461	40180	1.78	cps
Yttrium	89-1	6467898	6497712	6566842	6510817	0.78	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:55:19	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	725865	728056	710795	721572	1.30	cps
Zinc	66-2	316144	315945	314840	315643	0.22	cps
Zirconium	90-1	6352	7027	6668	6682	5.06	cps
Zirconium	91-1	1300	1333	1692	1442	15.06	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : L2099-01DUPDL2X5 Instrumnet Name : P8
 Client Sample ID : 239-GW-02-12DUPDL2 Dilution Factor : 5
 Date & Time Acquired :: 2020-04-14 16:58:07 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	285793	284157	284893	284947	0.29	cps
Antimony	121-1	11147	11789	11438	11458	2.81	cps
Arsenic	75-2	1807	1771	1810	1796	1.21	cps
Barium	135-1	640270	639943	645694	641969	0.50	cps
Barium	137-1	1113308	1125402	1128749	1122486	0.72	cps
Beryllium	9-1	574	538	546	553	3.42	cps
Bismuth	209-1	3158987	3352997	3344310	3285431	3.34	cps
Bismuth	209-2	1762463	1760770	1784278	1769171	0.74	cps
Boron	11-1	17101	19883	21107	19364	10.60	cps
Boron	10-1	3640	3990	4290	3973	8.19	cps
Bromine	81-1	84087	95731	103967	94595	10.56	cps
Cadmium	106-1	1575	1617	1700	1631	3.90	cps
Cadmium	108-1	204	213	163	193	13.88	cps
Cadmium	111-1	3227	3346	3306	3293	1.84	cps
Calcium	43-1	531236	548760	546968	542321	1.78	cps
Calcium	44-1	8644598	8837356	8771687	8751214	1.12	cps
Chromium	52-2	70445	72563	71367	71458	1.49	cps
Cobalt	59-2	34916	34442	34382	34580	0.85	cps
Copper	63-2	1017488	1016338	1015703	1016510	0.09	cps
Dysprosium	156-1	14441	14325	14291	14352	0.55	cps
Dysprosium	156-2	6778	6438	6662	6626	2.61	cps
Erbium	164-1	14049	14308	13774	14044	1.90	cps
Erbium	164-2	6392	6275	6081	6249	2.51	cps
Gadolinium	160-1	15284	14258	14825	14789	3.48	cps
Gadolinium	160-2	7642	7749	7919	7770	1.80	cps
Holmium	165-1	5079712	5280767	5271956	5210812	2.18	cps
Holmium	165-2	2546594	2521343	2531184	2533041	0.50	cps
Indium	115-1	4547353	4779049	4906763	4744388	3.84	cps
Indium	115-2	774391	774503	766543	771812	0.59	cps
Iron	54-2	1958191	1963642	1992662	1971498	0.94	cps
Iron	56-2	35548334	35629845	34875263	35351147	1.17	cps
Iron	57-2	880523	879415	876588	878842	0.23	cps
Krypton	83-1	587	610	693	630	8.90	cps
Lead	207-1	16370642	16774120	16528439	16557733	1.23	cps
Lead	208-1	74955549	77237247	75821713	76004836	1.52	cps
Lead	206-1	19066973	19568814	19313166	19316318	1.30	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:58:07	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1115983	1204850	1186354	1169062	4.01	cps
Magnesium	24-2	1308921	1287851	1322334	1306369	1.33	cps
Manganese	55-2	631978	633314	631784	632359	0.13	cps
Molybdenum	94-1	8886	8895	8928	8903	0.25	cps
Molybdenum	95-1	10955	10996	11538	11163	2.92	cps
Molybdenum	96-1	12523	12398	13015	12645	2.58	cps
Molybdenum	97-1	7144	6810	6952	6969	2.40	cps
Molybdenum	98-1	17945	17194	18079	17739	2.69	cps
Neodymium	150-1	23160	23080	23407	23216	0.73	cps
Neodymium	150-2	7746	7862	7782	7797	0.77	cps
Nickel	60-2	20869	21867	22101	21612	3.03	cps
Phosphorus	31-2	950	925	892	922	3.17	cps
Potassium	39-2	167911	168483	165567	167320	0.92	cps
Rhodium	103-1	4114524	4306906	4323885	4248438	2.74	cps
Rhodium	103-2	2219314	2188771	2163098	2190394	1.28	cps
Scandium	45-1	2663185	2745264	2795688	2734712	2.45	cps
Scandium	45-2	90194	90855	89221	90090	0.91	cps
Selenium	77-2	27	33	33	31	12.36	cps
Selenium	78-2	46	31	39	39	19.41	cps
Selenium	82-1	195	167	39	134	61.99	cps
Silicon	28-1	16598077	16896577	16819080	16771245	0.92	cps
Silver	109-1	3167	3100	3651	3306	9.08	cps
Silver	107-1	3200	3209	3659	3356	7.82	cps
Sodium	23-2	7829958	7762978	7881559	7824832	0.76	cps
Strontium	86-1	250078	261021	254585	255228	2.15	cps
Strontium	88-1	2204496	2219692	2212279	2212156	0.34	cps
Sulfur	34-1	441405	437892	439104	439467	0.41	cps
Terbium	159-1	5371374	5640685	5642448	5551502	2.81	cps
Terbium	159-2	2539533	2501632	2485285	2508817	1.11	cps
Thallium	203-1	850	692	767	769	10.29	cps
Thallium	205-1	1700	1817	1850	1789	4.40	cps
Tin	118-1	68832	69569	69979	69460	0.84	cps
Titanium	47-1	326396	335565	330977	330979	1.39	cps
Uranium	238-1	17379	17195	17054	17209	0.95	cps
Vanadium	51-2	40307	40868	41116	40764	1.02	cps
Yttrium	89-1	6373279	6762023	6696161	6610488	3.15	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUPDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUPDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 16:58:07	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	756038	747636	743202	748959	0.87	cps
Zinc	66-2	319076	319149	317305	318510	0.33	cps
Zirconium	90-1	7752	7877	8119	7916	2.36	cps
Zirconium	91-1	1850	1800	1783	1811	1.92	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDL2X25	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL2	Dilution Factor :	25
Date & Time Acquired ::	2020-04-14 17:00:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58614	58979	58263	58619	0.61	cps
Antimony	121-1	2209	1925	2309	2147	9.26	cps
Arsenic	75-2	355	363	380	366	3.49	cps
Barium	135-1	130213	128582	124662	127819	2.23	cps
Barium	137-1	227801	227260	224041	226367	0.90	cps
Beryllium	9-1	150	128	128	135	9.38	cps
Bismuth	209-1	3365160	3502424	3397085	3421556	2.10	cps
Bismuth	209-2	1785203	1767281	1798021	1783502	0.87	cps
Boron	11-1	7410	8209	8107	7909	5.49	cps
Boron	10-1	1516	1622	1658	1598	4.62	cps
Bromine	81-1	34728	36715	36284	35909	2.91	cps
Cadmium	106-1	1500	1408	1742	1550	11.11	cps
Cadmium	108-1	58	63	58	60	4.03	cps
Cadmium	111-1	1509	1426	1662	1532	7.82	cps
Calcium	43-1	107912	110566	111069	109849	1.54	cps
Calcium	44-1	1798383	1865002	1823801	1829062	1.84	cps
Chromium	52-2	15302	15422	15375	15366	0.39	cps
Cobalt	59-2	7075	6898	6988	6987	1.27	cps
Copper	63-2	205804	208944	205924	206891	0.86	cps
Dysprosium	156-1	3100	3267	2925	3098	5.52	cps
Dysprosium	156-2	1310	1443	1457	1403	5.78	cps
Erbium	164-1	2725	2809	2859	2798	2.41	cps
Erbium	164-2	1173	1157	1313	1215	7.09	cps
Gadolinium	160-1	2734	3317	2800	2950	10.82	cps
Gadolinium	160-2	1570	1613	1627	1603	1.85	cps
Holmium	165-1	5366835	5420813	5384581	5390743	0.51	cps
Holmium	165-2	2532320	2587004	2621556	2580293	1.74	cps
Indium	115-1	4731682	4739619	4739241	4736847	0.09	cps
Indium	115-2	734151	737428	750919	740832	1.20	cps
Iron	54-2	385578	384840	389082	386500	0.59	cps
Iron	56-2	7179165	7092511	7112924	7128200	0.64	cps
Iron	57-2	181467	177777	178076	179107	1.14	cps
Krypton	83-1	617	653	727	666	8.42	cps
Lead	207-1	3421903	3452704	3356136	3410248	1.45	cps
Lead	208-1	15621502	15536552	15302938	15486997	1.07	cps
Lead	206-1	4004781	3972168	3960023	3978991	0.58	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDL2X25	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL2	Dilution Factor :	25
Date & Time Acquired ::	2020-04-14 17:00:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1159820	1161799	1160136	1160585	0.09	cps
Magnesium	24-2	264742	262659	260421	262607	0.82	cps
Manganese	55-2	128784	127537	128274	128198	0.49	cps
Molybdenum	94-1	1884	1942	1950	1925	1.89	cps
Molybdenum	95-1	2534	2042	2234	2270	10.92	cps
Molybdenum	96-1	2484	2492	2525	2500	0.88	cps
Molybdenum	97-1	1375	1350	1350	1358	1.06	cps
Molybdenum	98-1	3484	3401	3401	3428	1.40	cps
Neodymium	150-1	4528	4828	4621	4659	3.30	cps
Neodymium	150-2	1510	1620	1637	1589	4.33	cps
Nickel	60-2	4351	4487	4174	4337	3.62	cps
Phosphorus	31-2	333	325	358	339	5.12	cps
Potassium	39-2	47395	47596	46450	47147	1.30	cps
Rhodium	103-1	4457493	4583392	4476032	4505639	1.51	cps
Rhodium	103-2	2223886	2211113	2289966	2241655	1.89	cps
Scandium	45-1	2775551	2854570	2779363	2803161	1.59	cps
Scandium	45-2	90735	90154	92150	91013	1.13	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	39	29	28	32	19.01	cps
Selenium	82-1	163	45	1	69	120.59	cps
Silicon	28-1	3747014	3769521	3810906	3775814	0.86	cps
Silver	109-1	825	1075	950	950	13.16	cps
Silver	107-1	1117	1117	1050	1095	3.52	cps
Sodium	23-2	1644585	1638056	1618536	1633726	0.83	cps
Strontium	86-1	52123	51136	53144	52134	1.93	cps
Strontium	88-1	456454	451993	453084	453844	0.51	cps
Sulfur	34-1	389788	394282	398210	394093	1.07	cps
Terbium	159-1	5671995	5693821	5729979	5698598	0.51	cps
Terbium	159-2	2569774	2563845	2638146	2590588	1.59	cps
Thallium	203-1	225	225	133	194	27.22	cps
Thallium	205-1	525	308	558	464	29.26	cps
Tin	118-1	14141	13916	13782	13946	1.30	cps
Titanium	47-1	63500	64763	67032	65098	2.75	cps
Uranium	238-1	3517	3526	3442	3495	1.31	cps
Vanadium	51-2	8099	8142	8306	8182	1.33	cps
Yttrium	89-1	6649974	6736342	6634113	6673476	0.82	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LDL2X25	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12LDL2	Dilution Factor :	25
Date & Time Acquired ::	2020-04-14 17:00:57	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	739636	743636	743035	742102	0.29	cps
Zinc	66-2	65395	65975	64967	65446	0.77	cps
Zirconium	90-1	1608	1675	1525	1603	4.69	cps
Zirconium	91-1	325	367	367	353	6.82	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:03:45	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	364089	362828	360738	362552	0.47	cps
Antimony	121-1	224032	229478	229285	227598	1.36	cps
Arsenic	75-2	13706	13855	13640	13734	0.80	cps
Barium	135-1	974244	1010397	975852	986831	2.07	cps
Barium	137-1	1737119	1729574	1694440	1720378	1.32	cps
Beryllium	9-1	56853	58937	58114	57968	1.81	cps
Bismuth	209-1	3335947	3348090	3279773	3321270	1.10	cps
Bismuth	209-2	1664005	1722958	1730436	1705800	2.13	cps
Boron	11-1	32211	38348	41851	37470	13.02	cps
Boron	10-1	6502	7648	8367	7506	12.53	cps
Bromine	81-1	78880	93050	100387	90772	12.04	cps
Cadmium	106-1	9445	9712	10246	9801	4.16	cps
Cadmium	108-1	6076	6256	6022	6118	2.00	cps
Cadmium	111-1	85578	87417	85460	86152	1.27	cps
Calcium	43-1	630904	644536	631979	635806	1.19	cps
Calcium	44-1	10133391	10400666	10055725	10196594	1.77	cps
Chromium	52-2	158630	157547	156957	157711	0.54	cps
Cobalt	59-2	194980	191984	191778	192914	0.93	cps
Copper	63-2	1262883	1248970	1246248	1252700	0.71	cps
Dysprosium	156-1	15267	15117	15885	15423	2.64	cps
Dysprosium	156-2	6585	6572	6398	6518	1.60	cps
Erbium	164-1	13824	15401	14592	14606	5.40	cps
Erbium	164-2	6305	6498	6238	6347	2.13	cps
Gadolinium	160-1	14767	14775	15067	14870	1.15	cps
Gadolinium	160-2	7566	7826	7802	7731	1.86	cps
Holmium	165-1	5255038	5414328	5142977	5270781	2.59	cps
Holmium	165-2	2506131	2534248	2473994	2504791	1.20	cps
Indium	115-1	4592039	4714916	4704355	4670437	1.46	cps
Indium	115-2	729584	751326	745225	742045	1.51	cps
Iron	54-2	2132245	2145527	2068309	2115360	1.95	cps
Iron	56-2	38740859	38056130	38409593	38402194	0.89	cps
Iron	57-2	962378	953053	957534	957655	0.49	cps
Krypton	83-1	683	647	590	640	7.35	cps
Lead	207-1	16618425	16859137	16649167	16708910	0.78	cps
Lead	208-1	76321394	76761720	75902912	76328675	0.56	cps
Lead	206-1	19320340	19409019	19210119	19313159	0.52	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:03:45	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1147656	1174455	1153388	1158500	1.22	cps
Magnesium	24-2	1788339	1792133	1811923	1797465	0.70	cps
Manganese	55-2	717856	718663	703014	713177	1.24	cps
Molybdenum	94-1	629071	634013	625884	629656	0.65	cps
Molybdenum	95-1	786936	792778	781060	786925	0.74	cps
Molybdenum	96-1	862365	872791	871477	868877	0.65	cps
Molybdenum	97-1	479992	495640	487398	487677	1.61	cps
Molybdenum	98-1	1252672	1282347	1250216	1261745	1.42	cps
Neodymium	150-1	23100	23621	23441	23387	1.13	cps
Neodymium	150-2	8229	8036	8373	8213	2.06	cps
Nickel	60-2	67670	66360	65768	66599	1.46	cps
Phosphorus	31-2	1100	1142	1208	1150	4.75	cps
Potassium	39-2	358783	364768	351092	358214	1.91	cps
Rhodium	103-1	4290191	4336902	4234967	4287353	1.19	cps
Rhodium	103-2	2083780	2118777	2162886	2121814	1.87	cps
Scandium	45-1	2867535	2798926	2697680	2788047	3.06	cps
Scandium	45-2	87893	89892	89107	88964	1.13	cps
Selenium	77-2	163	200	127	163	22.45	cps
Selenium	78-2	568	577	552	566	2.24	cps
Selenium	82-1	5189	5061	5079	5109	1.35	cps
Silicon	28-1	16247493	16474570	16198074	16306712	0.90	cps
Silver	109-1	385232	395496	393571	391433	1.39	cps
Silver	107-1	404017	410861	405359	406746	0.89	cps
Sodium	23-2	8868432	8913711	8734716	8838953	1.05	cps
Strontium	86-1	353603	360338	355481	356474	0.98	cps
Strontium	88-1	3025066	3051902	3070206	3049058	0.74	cps
Sulfur	34-1	438312	444727	436832	439957	0.95	cps
Terbium	159-1	5471105	5472780	5485103	5476329	0.14	cps
Terbium	159-2	2421155	2516938	2477102	2471732	1.95	cps
Thallium	203-1	251130	256592	254393	254038	1.08	cps
Thallium	205-1	602868	616656	611736	610420	1.14	cps
Tin	118-1	319961	328362	325803	324709	1.33	cps
Titanium	47-1	564867	572684	568890	568814	0.69	cps
Uranium	238-1	798545	809601	791029	799725	1.17	cps
Vanadium	51-2	111009	110664	108598	110090	1.18	cps
Yttrium	89-1	6528024	6640778	6567627	6578809	0.87	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:03:45	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	729962	736266	739457	735228	0.66	cps
Zinc	66-2	349755	350568	346563	348962	0.61	cps
Zirconium	90-1	486438	490401	485499	487446	0.53	cps
Zirconium	91-1	109134	110814	107800	109249	1.38	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : L2099-01MSDDL2X5 Instrumnet Name : P8
 Client Sample ID : 239-GW-02-12MSDDL2 Dilution Factor : 5
 Date & Time Acquired :: 2020-04-14 17:06:36 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	341909	341284	329185	337460	2.13	cps
Antimony	121-1	226157	225091	227088	226112	0.44	cps
Arsenic	75-2	13680	13579	13291	13516	1.49	cps
Barium	135-1	967330	975294	966550	969725	0.50	cps
Barium	137-1	1666393	1698785	1673236	1679471	1.02	cps
Beryllium	9-1	56958	57851	57841	57550	0.89	cps
Bismuth	209-1	3295640	3325388	3077591	3232873	4.19	cps
Bismuth	209-2	1683623	1729772	1667400	1693599	1.91	cps
Boron	11-1	36173	40666	44506	40448	10.31	cps
Boron	10-1	7314	8225	8973	8171	10.17	cps
Bromine	81-1	93826	105520	114854	104734	10.06	cps
Cadmium	106-1	9237	10329	9579	9715	5.75	cps
Cadmium	108-1	5918	6147	6035	6033	1.90	cps
Cadmium	111-1	85853	86177	87399	86476	0.94	cps
Calcium	43-1	622143	626874	633705	627574	0.93	cps
Calcium	44-1	9998701	10056037	10136729	10063822	0.69	cps
Chromium	52-2	152578	155013	150351	152647	1.53	cps
Cobalt	59-2	190564	191355	185515	189145	1.68	cps
Copper	63-2	1247862	1248018	1222426	1239435	1.19	cps
Dysprosium	156-1	13958	14141	15276	14458	4.94	cps
Dysprosium	156-2	6478	6555	6198	6410	2.93	cps
Erbium	164-1	13732	13374	13424	13510	1.44	cps
Erbium	164-2	6088	6255	6065	6136	1.69	cps
Gadolinium	160-1	14700	14583	14608	14631	0.42	cps
Gadolinium	160-2	7556	7512	7619	7562	0.71	cps
Holmium	165-1	5227089	5365637	4832363	5141696	5.38	cps
Holmium	165-2	2480140	2502670	2448202	2477004	1.10	cps
Indium	115-1	4726615	4748355	4416608	4630526	4.01	cps
Indium	115-2	735209	751728	732623	739853	1.40	cps
Iron	54-2	2008930	2066568	1968494	2014664	2.45	cps
Iron	56-2	37294795	36969763	36228952	36831170	1.48	cps
Iron	57-2	914700	924502	896713	911972	1.55	cps
Krypton	83-1	663	633	633	643	2.69	cps
Lead	207-1	16354259	16449982	16544350	16449530	0.58	cps
Lead	208-1	75630683	75859025	75931141	75806950	0.21	cps
Lead	206-1	19256242	19279578	19276809	19270877	0.07	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:06:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1208663	1229855	1119710	1186076	4.93	cps
Magnesium	24-2	1770882	1782520	1734899	1762767	1.41	cps
Manganese	55-2	703303	714828	688766	702299	1.86	cps
Molybdenum	94-1	619113	624805	619365	621094	0.52	cps
Molybdenum	95-1	792655	803395	788422	794824	0.97	cps
Molybdenum	96-1	870088	875496	871974	872519	0.31	cps
Molybdenum	97-1	490088	501642	491141	494290	1.29	cps
Molybdenum	98-1	1258913	1280523	1280130	1273189	0.97	cps
Neodymium	150-1	22412	22512	22586	22504	0.39	cps
Neodymium	150-2	8009	7646	7609	7755	2.85	cps
Nickel	60-2	64693	65570	64442	64901	0.91	cps
Phosphorus	31-2	833	983	808	875	10.82	cps
Potassium	39-2	363185	362910	345776	357290	2.79	cps
Rhodium	103-1	4334075	4297637	3944806	4192173	5.13	cps
Rhodium	103-2	2111060	2151445	2149269	2137258	1.06	cps
Scandium	45-1	2771589	2714307	2552376	2679424	4.24	cps
Scandium	45-2	88336	90043	87803	88727	1.32	cps
Selenium	77-2	170	190	197	186	7.48	cps
Selenium	78-2	499	497	527	508	3.30	cps
Selenium	82-1	4749	4957	4862	4856	2.15	cps
Silicon	28-1	15207270	14676788	15221387	15035148	2.06	cps
Silver	109-1	388941	394549	392862	392117	0.73	cps
Silver	107-1	406349	404120	412241	407570	1.03	cps
Sodium	23-2	8809240	8664934	8511918	8662031	1.72	cps
Strontium	86-1	352662	351967	354981	353203	0.45	cps
Strontium	88-1	3008465	3056120	3064094	3042893	0.99	cps
Sulfur	34-1	434686	431959	432447	433031	0.34	cps
Terbium	159-1	5578593	5501392	5084239	5388075	4.94	cps
Terbium	159-2	2406707	2531647	2466736	2468363	2.53	cps
Thallium	203-1	252435	257382	258915	256244	1.32	cps
Thallium	205-1	613032	615069	616729	614943	0.30	cps
Tin	118-1	320030	324915	325689	323545	0.95	cps
Titanium	47-1	537378	535277	540718	537791	0.51	cps
Uranium	238-1	796047	807193	809974	804405	0.92	cps
Vanadium	51-2	108061	108165	104242	106823	2.09	cps
Yttrium	89-1	6647154	6516200	6129684	6431013	4.18	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSDDL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSDDL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:06:36	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	725870	745659	720977	730835	1.79	cps
Zinc	66-2	343367	345610	336530	341835	1.38	cps
Zirconium	90-1	456237	463090	463219	460849	0.87	cps
Zirconium	91-1	101795	103373	103265	102811	0.86	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:09:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	356778	360303	354514	357198	0.82	cps
Antimony	121-1	224616	229325	230936	228292	1.44	cps
Arsenic	75-2	13690	13677	13862	13743	0.75	cps
Barium	135-1	972651	995587	996587	988275	1.37	cps
Barium	137-1	1711569	1746656	1748710	1735645	1.20	cps
Beryllium	9-1	57132	57676	58780	57863	1.45	cps
Bismuth	209-1	3292375	3335087	3355079	3327514	0.96	cps
Bismuth	209-2	1734616	1708954	1663330	1702300	2.12	cps
Boron	11-1	35925	41542	46273	41246	12.56	cps
Boron	10-1	7454	8655	9565	8558	12.37	cps
Bromine	81-1	92003	107759	116709	105490	11.86	cps
Cadmium	106-1	10012	10387	9495	9965	4.50	cps
Cadmium	108-1	5985	6093	6164	6081	1.48	cps
Cadmium	111-1	86643	87404	88923	87657	1.32	cps
Calcium	43-1	623818	641713	640389	635307	1.57	cps
Calcium	44-1	10021201	10266520	10187443	10158388	1.23	cps
Chromium	52-2	158689	156479	157062	157410	0.73	cps
Cobalt	59-2	193788	195710	194818	194772	0.49	cps
Copper	63-2	1268038	1274432	1265816	1269429	0.35	cps
Dysprosium	156-1	14783	15142	15009	14978	1.21	cps
Dysprosium	156-2	7179	6818	6945	6981	2.62	cps
Erbium	164-1	13340	14375	14608	14108	4.78	cps
Erbium	164-2	6098	6582	6515	6398	4.10	cps
Gadolinium	160-1	14617	15259	14783	14886	2.24	cps
Gadolinium	160-2	7949	8156	7842	7982	2.00	cps
Holmium	165-1	5391683	5270229	5315289	5325734	1.15	cps
Holmium	165-2	2470245	2525579	2437802	2477875	1.79	cps
Indium	115-1	4775666	4809326	4782837	4789276	0.37	cps
Indium	115-2	750581	745953	730001	742178	1.45	cps
Iron	54-2	2146133	2145915	2133520	2141856	0.34	cps
Iron	56-2	37952720	38633215	37968209	38184715	1.02	cps
Iron	57-2	947897	954212	945041	949050	0.49	cps
Krypton	83-1	577	680	773	677	14.54	cps
Lead	207-1	16533978	16869214	16904612	16769268	1.22	cps
Lead	208-1	75594822	77088688	77607928	76763813	1.36	cps
Lead	206-1	19222693	19538539	19776251	19512495	1.42	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:09:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1206658	1229992	1247998	1228216	1.69	cps
Magnesium	24-2	1830780	1838134	1818982	1829298	0.53	cps
Manganese	55-2	726124	724555	721257	723979	0.34	cps
Molybdenum	94-1	621345	641487	641821	634884	1.85	cps
Molybdenum	95-1	782257	802276	803222	795918	1.49	cps
Molybdenum	96-1	869785	892205	888493	883494	1.36	cps
Molybdenum	97-1	491563	504950	502720	499745	1.44	cps
Molybdenum	98-1	1265384	1284642	1291589	1280538	1.06	cps
Neodymium	150-1	22833	23721	24443	23666	3.41	cps
Neodymium	150-2	8189	7786	8256	8077	3.15	cps
Nickel	60-2	66762	66863	67057	66894	0.22	cps
Phosphorus	31-2	917	1025	942	961	5.90	cps
Potassium	39-2	360171	357998	355309	357826	0.68	cps
Rhodium	103-1	4358630	4309158	4372864	4346884	0.77	cps
Rhodium	103-2	2153285	2160598	2104063	2139315	1.44	cps
Scandium	45-1	2775196	2776303	2772313	2774604	0.07	cps
Scandium	45-2	91268	90218	86170	89219	3.02	cps
Selenium	77-2	160	230	207	199	17.92	cps
Selenium	78-2	565	546	567	559	2.07	cps
Selenium	82-1	5099	4998	4965	5020	1.39	cps
Silicon	28-1	15715061	15665835	15855360	15745419	0.62	cps
Silver	109-1	393476	397653	403507	398212	1.27	cps
Silver	107-1	407828	413386	416988	412734	1.12	cps
Sodium	23-2	8874454	8911497	8933911	8906621	0.34	cps
Strontium	86-1	351193	361785	357993	356990	1.50	cps
Strontium	88-1	3040808	3140494	3112035	3097779	1.66	cps
Sulfur	34-1	425698	426807	423552	425352	0.39	cps
Terbium	159-1	5578505	5605796	5584869	5589723	0.26	cps
Terbium	159-2	2495615	2516187	2392844	2468216	2.68	cps
Thallium	203-1	255700	260166	265508	260458	1.89	cps
Thallium	205-1	611877	620815	637261	623317	2.07	cps
Tin	118-1	324890	332381	335422	330898	1.64	cps
Titanium	47-1	548611	560513	560111	556411	1.21	cps
Uranium	238-1	796371	814802	817988	809720	1.44	cps
Vanadium	51-2	111823	110022	111879	111241	0.95	cps
Yttrium	89-1	6666603	6709667	6743583	6706618	0.58	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01ADL2X5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12ADL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:09:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	740163	744343	717408	733971	1.97	cps
Zinc	66-2	355124	350471	350614	352070	0.75	cps
Zirconium	90-1	472355	481137	481840	478444	1.10	cps
Zirconium	91-1	105179	110101	108278	107852	2.31	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:12:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	396108	395622	394957	395562	0.15	cps
Antimony	121-1	9787	10171	10813	10257	5.05	cps
Arsenic	75-2	2317	2252	2335	2302	1.90	cps
Barium	135-1	853507	870634	872122	865421	1.20	cps
Barium	137-1	1490616	1528923	1532215	1517251	1.52	cps
Beryllium	9-1	802	774	816	797	2.68	cps
Bismuth	209-1	3357599	3417706	3479321	3418208	1.78	cps
Bismuth	209-2	1766099	1798072	1804685	1789619	1.15	cps
Boron	11-1	21257	23921	25136	23438	8.47	cps
Boron	10-1	4358	4858	4974	4730	6.92	cps
Bromine	81-1	91801	100408	109059	100423	8.59	cps
Cadmium	106-1	1592	1508	1959	1686	14.20	cps
Cadmium	108-1	208	267	188	221	18.58	cps
Cadmium	111-1	3773	3774	4153	3900	5.61	cps
Calcium	43-1	587811	601166	596154	595044	1.13	cps
Calcium	44-1	9451433	9499650	9626197	9525760	0.95	cps
Chromium	52-2	97130	97036	97946	97371	0.51	cps
Cobalt	59-2	45723	46011	45686	45807	0.39	cps
Copper	63-2	1140655	1144569	1142310	1142511	0.17	cps
Dysprosium	156-1	19381	19840	18872	19364	2.50	cps
Dysprosium	156-2	8780	8603	8760	8714	1.11	cps
Erbium	164-1	18154	17720	18739	18205	2.81	cps
Erbium	164-2	8326	8239	8179	8248	0.89	cps
Gadolinium	160-1	19198	19598	19081	19292	1.41	cps
Gadolinium	160-2	10254	10121	10014	10129	1.19	cps
Holmium	165-1	5341617	5372069	5448515	5387401	1.02	cps
Holmium	165-2	2582677	2570710	2555336	2569574	0.53	cps
Indium	115-1	4735610	4779930	4898236	4804592	1.75	cps
Indium	115-2	766468	757008	771582	765019	0.97	cps
Iron	54-2	2653358	2634338	2688491	2658729	1.03	cps
Iron	56-2	47869541	48817625	48849807	48512324	1.15	cps
Iron	57-2	1200189	1212604	1224474	1212423	1.00	cps
Krypton	83-1	663	597	747	669	11.24	cps
Lead	207-1	15949897	16211235	16135038	16098723	0.83	cps
Lead	208-1	72996761	73874807	74423190	73764919	0.98	cps
Lead	206-1	18557257	18920162	19027926	18835115	1.31	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:12:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1252680	1263988	1293491	1270053	1.66	cps
Magnesium	24-2	1525805	1475881	1492568	1498085	1.70	cps
Manganese	55-2	748004	759456	757802	755087	0.82	cps
Molybdenum	94-1	15150	14750	15751	15217	3.31	cps
Molybdenum	95-1	14341	13966	14792	14366	2.88	cps
Molybdenum	96-1	16352	16977	16852	16727	1.98	cps
Molybdenum	97-1	8586	9037	9362	8995	4.33	cps
Molybdenum	98-1	23654	23220	23855	23576	1.38	cps
Neodymium	150-1	29840	31130	29787	30252	2.51	cps
Neodymium	150-2	10297	10081	10431	10270	1.72	cps
Nickel	60-2	28515	29163	28983	28887	1.16	cps
Phosphorus	31-2	1467	1350	1483	1433	5.07	cps
Potassium	39-2	212169	213909	217428	214502	1.25	cps
Rhodium	103-1	4295862	4387673	4440827	4374787	1.68	cps
Rhodium	103-2	2203789	2193783	2191269	2196280	0.30	cps
Scandium	45-1	2766220	2830703	2829501	2808808	1.31	cps
Scandium	45-2	91207	91566	92797	91857	0.91	cps
Selenium	77-2	50	70	73	64	19.58	cps
Selenium	78-2	70	47	52	56	21.48	cps
Selenium	82-1	131	219	72	141	52.70	cps
Silicon	28-1	16236949	16262093	16489806	16329616	0.85	cps
Silver	109-1	3417	3517	3567	3501	2.18	cps
Silver	107-1	3317	3484	4109	3637	11.48	cps
Sodium	23-2	7881420	7869804	7943358	7898194	0.50	cps
Strontium	86-1	272267	272352	277880	274166	1.17	cps
Strontium	88-1	2363998	2394510	2455216	2404575	1.93	cps
Sulfur	34-1	427955	428325	427806	428029	0.06	cps
Terbium	159-1	5676684	5794556	5733328	5734856	1.03	cps
Terbium	159-2	2569898	2542563	2549024	2553829	0.56	cps
Thallium	203-1	1092	1125	1358	1192	12.19	cps
Thallium	205-1	3184	3034	2667	2962	8.98	cps
Tin	118-1	90834	92336	93704	92291	1.56	cps
Titanium	47-1	521221	527095	533607	527308	1.18	cps
Uranium	238-1	21811	20951	21260	21341	2.04	cps
Vanadium	51-2	56983	58070	57364	57473	0.96	cps
Yttrium	89-1	6795891	6864299	6868593	6842928	0.60	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04DL2X5	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01DL2	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:12:14	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	765006	762271	773931	767069	0.79	cps
Zinc	66-2	374614	374592	372280	373829	0.36	cps
Zirconium	90-1	18646	18788	18830	18755	0.51	cps
Zirconium	91-1	4217	4117	4309	4215	2.28	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:18:48	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	868424	868249	860660	865777	0.51	cps
Antimony	121-1	1853025	1898202	1913249	1888159	1.66	cps
Arsenic	75-2	58601	58920	58866	58796	0.29	cps
Barium	135-1	1817270	1818470	1804220	1813320	0.44	cps
Barium	137-1	3157786	3172264	3142415	3157488	0.47	cps
Beryllium	9-1	300537	308034	305544	304705	1.25	cps
Bismuth	209-1	3308700	3323097	3359623	3330473	0.79	cps
Bismuth	209-2	1752318	1728300	1723882	1734833	0.88	cps
Boron	11-1	92418	109759	121280	107819	13.47	cps
Boron	10-1	19083	22521	24970	22191	13.33	cps
Bromine	81-1	10094	10364	10575	10344	2.33	cps
Cadmium	106-1	41630	42132	43636	42466	2.46	cps
Cadmium	108-1	28337	28905	28475	28573	1.04	cps
Cadmium	111-1	406235	407580	410958	408258	0.60	cps
Calcium	43-1	1961471	2000798	1972785	1978351	1.02	cps
Calcium	44-1	32117333	32567014	32286330	32323559	0.70	cps
Chromium	52-2	437071	433975	435362	435469	0.36	cps
Cobalt	59-2	769958	770145	766500	768868	0.27	cps
Copper	63-2	5982033	5995449	5909729	5962404	0.77	cps
Dysprosium	156-1	92	125	100	106	16.43	cps
Dysprosium	156-2	40	73	37	50	40.55	cps
Erbium	164-1	17	42	67	42	60.00	cps
Erbium	164-2	30	20	23	24	20.83	cps
Gadolinium	160-1	175	150	142	156	11.15	cps
Gadolinium	160-2	50	77	43	57	31.13	cps
Holmium	165-1	5523217	5418839	5591187	5511081	1.58	cps
Holmium	165-2	2602198	2584156	2570044	2585466	0.62	cps
Indium	115-1	4752098	4825183	4645102	4740794	1.91	cps
Indium	115-2	738979	738289	740075	739114	0.12	cps
Iron	54-2	4453436	4540016	4401475	4464975	1.57	cps
Iron	56-2	82146821	82885363	80731546	81921243	1.34	cps
Iron	57-2	2083197	2093830	2061284	2079437	0.80	cps
Krypton	83-1	687	627	667	660	4.63	cps
Lead	207-1	4784299	4832603	4906521	4841141	1.27	cps
Lead	208-1	21441730	21430650	21864080	21578820	1.15	cps
Lead	206-1	5428427	5335303	5509016	5424249	1.60	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:18:48	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1119426	1105611	1111848	1112295	0.62	cps
Magnesium	24-2	12055308	12135328	11951742	12047460	0.76	cps
Manganese	55-2	2024468	2044067	1949604	2006046	2.49	cps
Molybdenum	94-1	3165585	3199258	3198873	3187905	0.61	cps
Molybdenum	95-1	3961128	3983944	3969379	3971484	0.29	cps
Molybdenum	96-1	4405285	4434854	4426699	4422279	0.35	cps
Molybdenum	97-1	2485869	2481054	2459005	2475309	0.58	cps
Molybdenum	98-1	6304054	6445351	6333364	6360923	1.17	cps
Neodymium	150-1	53	80	73	69	20.15	cps
Neodymium	150-2	17	17	0	11	86.60	cps
Nickel	60-2	217045	214809	215541	215798	0.53	cps
Phosphorus	31-2	10746	11238	11989	11324	5.53	cps
Potassium	39-2	4585928	4624459	4644063	4618150	0.64	cps
Rhodium	103-1	4448141	4359929	4307449	4371839	1.63	cps
Rhodium	103-2	2196093	2186240	2152880	2178404	1.04	cps
Scandium	45-1	2838804	2837643	2850403	2842283	0.25	cps
Scandium	45-2	90670	91375	89788	90611	0.88	cps
Selenium	77-2	717	723	727	722	0.71	cps
Selenium	78-2	2594	2632	2654	2626	1.16	cps
Selenium	82-1	25209	25511	25667	25462	0.91	cps
Silicon	28-1	1243759	1324693	1381885	1316779	5.27	cps
Silver	109-1	1908389	1954210	1945599	1936066	1.26	cps
Silver	107-1	2001346	2045732	2036778	2027952	1.16	cps
Sodium	23-2	23253634	23427151	23066437	23249074	0.78	cps
Strontium	86-1	478634	488916	484371	483974	1.06	cps
Strontium	88-1	4118703	4176051	4138934	4144563	0.70	cps
Sulfur	34-1	508466	514531	515482	512826	0.74	cps
Terbium	159-1	5635748	5709493	5757940	5701060	1.08	cps
Terbium	159-2	2573182	2576678	2577956	2575939	0.10	cps
Thallium	203-1	1300879	1297940	1332741	1310520	1.47	cps
Thallium	205-1	3114942	3146438	3158294	3139891	0.71	cps
Tin	118-1	1252823	1273551	1269944	1265439	0.88	cps
Titanium	47-1	1045126	1033342	1047564	1042011	0.73	cps
Uranium	238-1	3989919	3995263	4057419	4014201	0.93	cps
Vanadium	51-2	341804	335880	336147	337944	0.99	cps
Yttrium	89-1	6727482	6770930	6716941	6738451	0.42	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV07	Instrumnet Name :	P8
Client Sample ID :	CCV07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:18:48	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	748667	752399	751960	751009	0.27	cps
Zinc	66-2	794197	792358	786873	791143	0.48	cps
Zirconium	90-1	2612378	2661118	2686920	2653472	1.43	cps
Zirconium	91-1	590643	596636	596632	594637	0.58	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 17:22:50 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297	280	227	268	13.66	cps
Antimony	121-1	133	175	142	150	14.70	cps
Arsenic	75-2	3	6	6	5	34.64	cps
Barium	135-1	25	17	58	33	66.14	cps
Barium	137-1	25	17	17	19	24.73	cps
Beryllium	9-1	74	54	54	61	19.04	cps
Bismuth	209-1	3427081	3420512	3373924	3407172	0.85	cps
Bismuth	209-2	1810650	1805728	1780361	1798913	0.90	cps
Boron	11-1	9227	9121	8785	9044	2.55	cps
Boron	10-1	1900	1928	1874	1900	1.42	cps
Bromine	81-1	5917	5957	5547	5807	3.90	cps
Cadmium	106-1	1408	1283	1350	1347	4.64	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Cadmium	111-1	981	896	952	943	4.58	cps
Calcium	43-1	358	267	192	272	30.66	cps
Calcium	44-1	17002	17344	17603	17316	1.74	cps
Chromium	52-2	1103	1200	1127	1143	4.41	cps
Cobalt	59-2	23	23	30	26	15.07	cps
Copper	63-2	1113	1107	1103	1108	0.46	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	58	25	42	42	40.00	cps
Gadolinium	160-2	7	10	37	18	92.48	cps
Holmium	165-1	5354041	5407015	5326039	5362365	0.77	cps
Holmium	165-2	2573576	2553390	2556796	2561254	0.42	cps
Indium	115-1	4671957	4698814	4650259	4673676	0.52	cps
Indium	115-2	734144	728593	723308	728682	0.74	cps
Iron	54-2	361	439	383	394	10.16	cps
Iron	56-2	2723	2639	2628	2663	1.94	cps
Iron	57-2	128	89	83	100	24.21	cps
Krypton	83-1	670	580	623	624	7.21	cps
Lead	207-1	2623	2506	2628	2585	2.67	cps
Lead	208-1	11391	11213	11591	11398	1.66	cps
Lead	206-1	2561	2706	2978	2748	7.70	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : CCB07 Instrumnet Name : P8
 Client Sample ID : CCB07 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 17:22:50 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1107999	1145282	1118798	1124026	1.71	cps
Magnesium	24-2	300	217	233	250	17.64	cps
Manganese	55-2	47	83	63	64	28.48	cps
Molybdenum	94-1	125	167	192	161	20.90	cps
Molybdenum	95-1	50	75	67	64	19.92	cps
Molybdenum	96-1	183	225	100	169	37.56	cps
Molybdenum	97-1	58	33	42	44	28.64	cps
Molybdenum	98-1	125	133	67	108	33.53	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	63	60	50	58	12.01	cps
Phosphorus	31-2	100	200	167	156	32.73	cps
Potassium	39-2	15575	15217	16610	15801	4.58	cps
Rhodium	103-1	4553890	4573267	4455455	4527537	1.40	cps
Rhodium	103-2	2257673	2240271	2262562	2253502	0.52	cps
Scandium	45-1	2782478	2796385	2790073	2789645	0.25	cps
Scandium	45-2	90691	90010	90718	90473	0.44	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	25	31	31	29	11.95	cps
Selenium	82-1	99	186	88	124	43.20	cps
Silicon	28-1	459308	458178	454704	457397	0.52	cps
Silver	109-1	150	117	142	136	12.74	cps
Silver	107-1	150	167	142	153	8.33	cps
Sodium	23-2	22276	22259	21867	22134	1.05	cps
Strontium	86-1	1017	900	1058	992	8.28	cps
Strontium	88-1	192	158	92	147	34.58	cps
Sulfur	34-1	398906	400899	402124	400643	0.41	cps
Terbium	159-1	5746710	5657521	5652673	5685634	0.93	cps
Terbium	159-2	2563047	2526642	2536262	2541984	0.74	cps
Thallium	203-1	217	83	92	131	57.21	cps
Thallium	205-1	333	342	258	311	14.75	cps
Tin	118-1	308	283	317	303	5.73	cps
Titanium	47-1	283	300	233	272	12.75	cps
Uranium	238-1	42	17	8	22	78.07	cps
Vanadium	51-2	13	17	27	19	36.75	cps
Yttrium	89-1	6712855	6629547	6535521	6625975	1.34	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB07	Instrumnet Name :	P8
Client Sample ID :	CCB07	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:22:50	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	739519	735009	731287	735272	0.56	cps
Zinc	66-2	217	223	247	229	6.88	cps
Zirconium	90-1	300	350	375	342	11.18	cps
Zirconium	91-1	25	58	117	67	69.60	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:25:41	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1289523	1304578	1261434	1285178	1.70	cps
Antimony	121-1	53263	54501	56099	54621	2.60	cps
Arsenic	75-2	8204	8101	8097	8134	0.75	cps
Barium	135-1	2988698	3028110	3076589	3031132	1.45	cps
Barium	137-1	5169074	5184324	5355860	5236420	1.98	cps
Beryllium	9-1	2328	2424	2352	2368	2.11	cps
Bismuth	209-1	3521862	3513689	3559743	3531765	0.70	cps
Bismuth	209-2	1873140	1889183	1843311	1868545	1.25	cps
Boron	11-1	69125	79252	85684	78020	10.70	cps
Boron	10-1	14190	16226	17355	15924	10.07	cps
Bromine	81-1	347407	424684	475634	415908	15.52	cps
Cadmium	106-1	2442	2459	2459	2453	0.39	cps
Cadmium	108-1	700	829	825	785	9.35	cps
Cadmium	111-1	11040	11511	11485	11345	2.34	cps
Calcium	43-1	2431398	2462940	2466442	2453594	0.79	cps
Calcium	44-1	39383808	40374649	40494180	40084212	1.52	cps
Chromium	52-2	324978	329570	326609	327052	0.71	cps
Cobalt	59-2	157221	155772	155741	156244	0.54	cps
Copper	63-2	4650440	4631395	4631850	4637895	0.23	cps
Dysprosium	156-1	67362	70880	72866	70369	3.96	cps
Dysprosium	156-2	31126	30936	30635	30899	0.80	cps
Erbium	164-1	63812	66969	69114	66631	4.00	cps
Erbium	164-2	29673	29666	29075	29472	1.16	cps
Gadolinium	160-1	67145	69514	71509	69389	3.15	cps
Gadolinium	160-2	36075	36487	36506	36356	0.67	cps
Holmium	165-1	4916934	4827323	5018492	4920916	1.94	cps
Holmium	165-2	2346115	2419869	2391787	2385923	1.56	cps
Indium	115-1	4570592	4781026	5055570	4802396	5.06	cps
Indium	115-2	789842	799926	787336	792368	0.84	cps
Iron	54-2	8789280	8857866	8779140	8808762	0.49	cps
Iron	56-2	161472137	163210643	159834704	161505828	1.05	cps
Iron	57-2	4001373	4021685	4011560	4011540	0.25	cps
Krypton	83-1	703	697	743	714	3.53	cps
Lead	207-1	73638657	76614438	78218291	76157129	3.05	cps
Lead	208-1	337922513	350861191	358837769	349207158	3.02	cps
Lead	206-1	86243196	89856610	91279069	89126292	2.91	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:25:41	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1250706	1349444	1457612	1352587	7.65	cps
Magnesium	24-2	5733111	5922467	5761028	5805535	1.76	cps
Manganese	55-2	2888586	2885251	2856874	2876904	0.61	cps
Molybdenum	94-1	43234	45375	43410	44006	2.70	cps
Molybdenum	95-1	49848	52140	52893	51627	3.07	cps
Molybdenum	96-1	57578	58892	58675	58381	1.21	cps
Molybdenum	97-1	32004	32071	31670	31915	0.67	cps
Molybdenum	98-1	81296	83618	85488	83467	2.52	cps
Neodymium	150-1	107742	109872	109905	109173	1.14	cps
Neodymium	150-2	36212	36717	36299	36409	0.74	cps
Nickel	60-2	97065	97853	98096	97671	0.55	cps
Phosphorus	31-2	4076	4101	3826	4001	3.80	cps
Potassium	39-2	686135	694247	680306	686896	1.02	cps
Rhodium	103-1	3955062	3821142	3872406	3882870	1.74	cps
Rhodium	103-2	1996502	2014511	2002607	2004540	0.46	cps
Scandium	45-1	2713323	2608183	2675344	2665617	2.00	cps
Scandium	45-2	86431	88289	87143	87288	1.07	cps
Selenium	77-2	190	143	143	159	16.95	cps
Selenium	78-2	92	111	90	98	11.87	cps
Selenium	82-1	264	401	347	337	20.47	cps
Silicon	28-1	73670954	73763968	73311829	73582250	0.32	cps
Silver	109-1	11413	11597	12281	11764	3.89	cps
Silver	107-1	11322	12398	12089	11936	4.64	cps
Sodium	23-2	35422715	36231563	35473613	35709297	1.27	cps
Strontium	86-1	1153450	1183165	1177832	1171483	1.35	cps
Strontium	88-1	9843212	10259832	10117186	10073410	2.10	cps
Sulfur	34-1	620281	618790	615053	618041	0.44	cps
Terbium	159-1	5240050	5015131	5235801	5163661	2.49	cps
Terbium	159-2	2437751	2415848	2370533	2408044	1.42	cps
Thallium	203-1	3284	3351	3142	3259	3.27	cps
Thallium	205-1	8028	7944	7919	7964	0.71	cps
Tin	118-1	322333	343550	345502	337129	3.81	cps
Titanium	47-1	1513258	1546349	1549639	1536415	1.31	cps
Uranium	238-1	77335	78601	81420	79118	2.64	cps
Vanadium	51-2	189733	190929	188582	189748	0.62	cps
Yttrium	89-1	6841726	6794673	6765051	6800483	0.57	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:25:41	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	771142	774713	763327	769728	0.76	cps
Zinc	66-2	1393465	1386356	1376250	1385357	0.62	cps
Zirconium	90-1	38571	39272	40125	39323	1.98	cps
Zirconium	91-1	8711	9128	9187	9009	2.88	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUP	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:28:29	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1295519	1279764	1281111	1285464	0.68	cps
Antimony	121-1	45969	47307	49616	47631	3.87	cps
Arsenic	75-2	8112	8124	8298	8178	1.27	cps
Barium	135-1	2926294	3055993	3093233	3025174	2.90	cps
Barium	137-1	5143124	5280054	5380952	5268043	2.27	cps
Beryllium	9-1	2238	2308	2224	2256	1.99	cps
Bismuth	209-1	3283592	3414135	3418068	3371932	2.27	cps
Bismuth	209-2	1756131	1733996	1683758	1724628	2.15	cps
Boron	11-1	73869	83440	90598	82636	10.16	cps
Boron	10-1	14704	17081	18682	16822	11.90	cps
Bromine	81-1	427861	497139	550210	491737	12.48	cps
Cadmium	106-1	2267	2392	2417	2359	3.41	cps
Cadmium	108-1	917	950	846	904	5.88	cps
Cadmium	111-1	11262	11117	11929	11436	3.79	cps
Calcium	43-1	2381109	2401391	2510914	2431138	2.87	cps
Calcium	44-1	38770151	39274645	40745415	39596737	2.59	cps
Chromium	52-2	328393	326076	326057	326842	0.41	cps
Cobalt	59-2	159136	158461	155721	157773	1.15	cps
Copper	63-2	4673007	4679850	4732064	4694974	0.69	cps
Dysprosium	156-1	67890	70410	72530	70277	3.30	cps
Dysprosium	156-2	31230	31123	31724	31359	1.02	cps
Erbium	164-1	65126	67555	67270	66650	1.99	cps
Erbium	164-2	29349	29934	29723	29669	1.00	cps
Gadolinium	160-1	67898	70235	72614	70249	3.36	cps
Gadolinium	160-2	36557	36951	36480	36662	0.69	cps
Holmium	165-1	4996252	5226314	5348279	5190282	3.44	cps
Holmium	165-2	2405197	2398600	2267075	2356958	3.31	cps
Indium	115-1	4843816	5033789	5150282	5009296	3.09	cps
Indium	115-2	766007	765101	735887	755665	2.27	cps
Iron	54-2	8882081	8920931	8722140	8841717	1.19	cps
Iron	56-2	163710709	163535309	161752893	162999637	0.66	cps
Iron	57-2	4064663	4109038	4000086	4057929	1.35	cps
Krypton	83-1	680	817	747	748	9.14	cps
Lead	207-1	74688310	78277024	79339899	77435078	3.15	cps
Lead	208-1	343272347	360307589	363223603	355601179	3.03	cps
Lead	206-1	87772110	91278094	92581399	90543868	2.75	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUP	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:28:29	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1672000	1788322	1882742	1781021	5.93	cps
Magnesium	24-2	5885220	5667369	5787288	5779959	1.89	cps
Manganese	55-2	2898881	2892716	2813168	2868255	1.67	cps
Molybdenum	94-1	43226	44698	45558	44494	2.65	cps
Molybdenum	95-1	49781	53052	52843	51892	3.53	cps
Molybdenum	96-1	55821	57712	59151	57561	2.90	cps
Molybdenum	97-1	31094	32681	33115	32297	3.29	cps
Molybdenum	98-1	79796	83250	84171	82406	2.80	cps
Neodymium	150-1	103347	108897	111539	107928	3.87	cps
Neodymium	150-2	36683	36366	36894	36648	0.73	cps
Nickel	60-2	98947	97575	97236	97920	0.93	cps
Phosphorus	31-2	4259	4309	4426	4331	1.98	cps
Potassium	39-2	679127	680380	673465	677657	0.54	cps
Rhodium	103-1	3913627	4013015	4071034	3999226	1.99	cps
Rhodium	103-2	2019336	2014532	1919668	1984512	2.83	cps
Scandium	45-1	2681000	2776111	2736138	2731083	1.75	cps
Scandium	45-2	87424	86149	83009	85527	2.66	cps
Selenium	77-2	140	123	170	144	16.37	cps
Selenium	78-2	108	108	97	104	6.09	cps
Selenium	82-1	285	214	324	274	20.32	cps
Silicon	28-1	69322670	73300664	72689964	71771100	2.98	cps
Silver	109-1	10746	11455	12172	11458	6.22	cps
Silver	107-1	11455	12214	12581	12083	4.75	cps
Sodium	23-2	35906716	35277671	35827439	35670609	0.96	cps
Strontium	86-1	1145723	1175936	1213069	1178242	2.86	cps
Strontium	88-1	9773194	10092420	10392880	10086165	3.07	cps
Sulfur	34-1	604351	605198	610404	606651	0.54	cps
Terbium	159-1	5265067	5431738	5547230	5414678	2.62	cps
Terbium	159-2	2375077	2364622	2291600	2343766	1.94	cps
Thallium	203-1	3125	3017	3151	3098	2.29	cps
Thallium	205-1	7786	7794	7311	7630	3.63	cps
Tin	118-1	324149	337196	346787	336044	3.38	cps
Titanium	47-1	1456664	1536080	1539394	1510712	3.10	cps
Uranium	238-1	79809	81184	80572	80522	0.86	cps
Vanadium	51-2	190896	190579	189119	190198	0.50	cps
Yttrium	89-1	6856433	7122874	7202001	7060436	2.56	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01DUP	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12DUP	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:28:29	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	768251	766683	739495	758143	2.13	cps
Zinc	66-2	1385090	1394844	1378827	1386254	0.58	cps
Zirconium	90-1	39289	40719	41078	40362	2.34	cps
Zirconium	91-1	8695	9353	9195	9081	3.79	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LX5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:31:19	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	271910	268050	268640	269533	0.77	cps
Antimony	121-1	11222	11514	11113	11283	1.84	cps
Arsenic	75-2	1751	1799	1705	1752	2.68	cps
Barium	135-1	645700	660571	656050	654107	1.17	cps
Barium	137-1	1136508	1153871	1156120	1148833	0.93	cps
Beryllium	9-1	482	546	610	546	11.72	cps
Bismuth	209-1	3486385	3557662	3480199	3508082	1.23	cps
Bismuth	209-2	1769872	1730357	1713015	1737748	1.68	cps
Boron	11-1	23893	25443	26965	25434	6.04	cps
Boron	10-1	4842	5170	5400	5137	5.46	cps
Bromine	81-1	171478	177599	183795	177624	3.47	cps
Cadmium	106-1	1625	1650	1667	1647	1.27	cps
Cadmium	108-1	142	200	225	189	22.64	cps
Cadmium	111-1	3522	3390	3201	3371	4.78	cps
Calcium	43-1	523597	538267	535002	532289	1.45	cps
Calcium	44-1	8495604	8496133	8643417	8545051	1.00	cps
Chromium	52-2	70405	70747	69880	70344	0.62	cps
Cobalt	59-2	33680	32985	34465	33710	2.20	cps
Copper	63-2	990917	988396	983419	987577	0.39	cps
Dysprosium	156-1	15234	15000	15426	15220	1.40	cps
Dysprosium	156-2	6585	6465	6385	6478	1.55	cps
Erbium	164-1	14567	14658	14358	14528	1.06	cps
Erbium	164-2	6398	6225	6198	6274	1.73	cps
Gadolinium	160-1	14892	15084	15660	15212	2.63	cps
Gadolinium	160-2	7676	7536	7752	7654	1.44	cps
Holmium	165-1	5529843	5654557	5549193	5577864	1.20	cps
Holmium	165-2	2560599	2485169	2513953	2519907	1.51	cps
Indium	115-1	4884489	4908021	4841937	4878149	0.69	cps
Indium	115-2	718759	716775	718507	718014	0.15	cps
Iron	54-2	1890045	1874601	1901925	1888857	0.73	cps
Iron	56-2	34655517	34061504	34348398	34355140	0.86	cps
Iron	57-2	845522	849574	851670	848922	0.37	cps
Krypton	83-1	767	783	673	741	8.00	cps
Lead	207-1	16633099	17047695	16897265	16859353	1.24	cps
Lead	208-1	76134588	78164300	77474684	77257857	1.34	cps
Lead	206-1	19221095	19713012	19884153	19606087	1.76	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LX5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:31:19	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1555924	1578984	1522303	1552404	1.84	cps
Magnesium	24-2	1251752	1221027	1243315	1238698	1.28	cps
Manganese	55-2	597984	591795	595120	594967	0.52	cps
Molybdenum	94-1	9403	9362	9478	9414	0.63	cps
Molybdenum	95-1	10921	10312	11672	10969	6.21	cps
Molybdenum	96-1	12414	12114	12723	12417	2.45	cps
Molybdenum	97-1	7210	6985	6852	7016	2.58	cps
Molybdenum	98-1	17812	18246	18246	18101	1.38	cps
Neodymium	150-1	23654	23314	23788	23585	1.04	cps
Neodymium	150-2	7579	7312	7782	7558	3.12	cps
Nickel	60-2	21483	20772	20902	21052	1.80	cps
Phosphorus	31-2	1050	983	992	1008	3.60	cps
Potassium	39-2	160545	158684	154942	158057	1.81	cps
Rhodium	103-1	4462292	4478794	4438164	4459750	0.46	cps
Rhodium	103-2	2161654	2160406	2151623	2157894	0.25	cps
Scandium	45-1	2792765	2797246	2789568	2793193	0.14	cps
Scandium	45-2	88195	87276	86807	87426	0.81	cps
Selenium	77-2	47	33	30	37	24.06	cps
Selenium	78-2	33	49	30	37	27.37	cps
Selenium	82-1	16	19	96	44	103.56	cps
Silicon	28-1	16069439	15923106	15959759	15984101	0.48	cps
Silver	109-1	2950	3259	3242	3150	5.51	cps
Silver	107-1	3559	3317	3359	3412	3.79	cps
Sodium	23-2	7542522	7415382	7404942	7454282	1.03	cps
Strontium	86-1	252537	254496	255302	254112	0.56	cps
Strontium	88-1	2190649	2206597	2221050	2206098	0.69	cps
Sulfur	34-1	417110	416907	420628	418215	0.50	cps
Terbium	159-1	5771268	5980884	5755031	5835728	2.16	cps
Terbium	159-2	2513578	2523163	2555982	2530908	0.88	cps
Thallium	203-1	667	667	817	717	12.08	cps
Thallium	205-1	1567	1458	2084	1703	19.62	cps
Tin	118-1	72065	72467	71353	71961	0.78	cps
Titanium	47-1	325725	324553	327338	325872	0.43	cps
Uranium	238-1	16595	17120	17479	17065	2.61	cps
Vanadium	51-2	39982	39705	39314	39667	0.85	cps
Yttrium	89-1	6796804	6923272	6798037	6839371	1.06	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01LX5	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12L	Dilution Factor :	5
Date & Time Acquired ::	2020-04-14 17:31:19	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	729255	725844	723923	726341	0.37	cps
Zinc	66-2	299124	301350	304825	301766	0.95	cps
Zirconium	90-1	8745	8244	8678	8556	3.18	cps
Zirconium	91-1	2075	2159	1875	2036	7.15	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MS	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:34:07	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1543990	1535150	1534897	1538013	0.34	cps
Antimony	121-1	1041607	1068923	1071977	1060836	1.58	cps
Arsenic	75-2	59983	59117	59575	59558	0.73	cps
Barium	135-1	4350705	4574060	4522382	4482382	2.61	cps
Barium	137-1	7653459	7953802	7847322	7818194	1.95	cps
Beryllium	9-1	248441	259800	258635	255625	2.44	cps
Bismuth	209-1	3264403	3287239	3371633	3307758	1.71	cps
Bismuth	209-2	1696785	1658705	1650573	1668687	1.48	cps
Boron	11-1	155673	184662	199560	179965	12.40	cps
Boron	10-1	31834	37624	40229	36562	11.75	cps
Bromine	81-1	403198	477556	518319	466358	12.52	cps
Cadmium	106-1	37752	39842	38605	38733	2.71	cps
Cadmium	108-1	26317	26839	26672	26609	1.00	cps
Cadmium	111-1	365943	382257	380944	376381	2.41	cps
Calcium	43-1	2648193	2773002	2828907	2750034	3.36	cps
Calcium	44-1	43342804	44775753	45487730	44535429	2.45	cps
Chromium	52-2	693229	683479	681379	686029	0.92	cps
Cobalt	59-2	849566	839217	837238	842007	0.79	cps
Copper	63-2	5619923	5513657	5525186	5552922	1.05	cps
Dysprosium	156-1	65728	71031	70738	69165	4.31	cps
Dysprosium	156-2	30578	30264	30321	30388	0.55	cps
Erbium	164-1	64992	67714	68887	67198	2.97	cps
Erbium	164-2	28701	28681	28407	28596	0.57	cps
Gadolinium	160-1	66918	69330	70092	68780	2.41	cps
Gadolinium	160-2	36349	36012	35591	35984	1.06	cps
Holmium	165-1	4954452	5116367	5275375	5115398	3.14	cps
Holmium	165-2	2362190	2383749	2337337	2361092	0.98	cps
Indium	115-1	4513656	4760688	4822078	4698807	3.47	cps
Indium	115-2	714926	718750	716273	716649	0.27	cps
Iron	54-2	9163594	9037169	8948069	9049611	1.20	cps
Iron	56-2	170582732	167250220	165713143	167848698	1.48	cps
Iron	57-2	4269759	4173474	4143085	4195439	1.58	cps
Krypton	83-1	710	770	690	723	5.76	cps
Lead	207-1	74701335	76970949	77035418	76235901	1.74	cps
Lead	208-1	341359872	353220786	351008758	348529805	1.81	cps
Lead	206-1	87448099	90264688	89902541	89205109	1.72	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MS	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:34:07	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1558660	1719287	1777914	1685287	6.74	cps
Magnesium	24-2	7769538	7665874	7543732	7659715	1.48	cps
Manganese	55-2	3147946	3146967	3098289	3131067	0.91	cps
Molybdenum	94-1	2736518	2858985	2855044	2816849	2.47	cps
Molybdenum	95-1	3474887	3616918	3646593	3579466	2.56	cps
Molybdenum	96-1	3901895	4072311	4003766	3992657	2.15	cps
Molybdenum	97-1	2187579	2267830	2201870	2219093	1.93	cps
Molybdenum	98-1	5645476	5829947	5692194	5722539	1.68	cps
Neodymium	150-1	106552	112366	111808	110242	2.91	cps
Neodymium	150-2	35691	35189	36413	35764	1.72	cps
Nickel	60-2	293541	286030	284745	288105	1.65	cps
Phosphorus	31-2	3917	4026	3375	3773	9.23	cps
Potassium	39-2	1478674	1436716	1448764	1454718	1.49	cps
Rhodium	103-1	3911441	3991846	3933219	3945502	1.05	cps
Rhodium	103-2	1966902	1935678	1940595	1947725	0.86	cps
Scandium	45-1	2622173	2707667	2731862	2687234	2.14	cps
Scandium	45-2	85385	85888	84409	85228	0.88	cps
Selenium	77-2	740	797	753	763	3.88	cps
Selenium	78-2	2136	2134	2152	2141	0.46	cps
Selenium	82-1	21328	21829	21960	21705	1.54	cps
Silicon	28-1	68958452	72121695	72118581	71066243	2.57	cps
Silver	109-1	1726421	1824511	1772345	1774426	2.77	cps
Silver	107-1	1793247	1827816	1852160	1824408	1.62	cps
Sodium	23-2	38755054	38401701	38632171	38596309	0.46	cps
Strontium	86-1	1562673	1615357	1618968	1599000	1.97	cps
Strontium	88-1	13399371	14074017	13868707	13780698	2.51	cps
Sulfur	34-1	598732	599592	599846	599390	0.10	cps
Terbium	159-1	5231147	5335251	5425444	5330614	1.82	cps
Terbium	159-2	2348541	2324251	2323045	2331946	0.62	cps
Thallium	203-1	1152273	1209764	1217838	1193292	3.00	cps
Thallium	205-1	2803109	2888960	2853998	2848689	1.52	cps
Tin	118-1	1446406	1492245	1509926	1482859	2.21	cps
Titanium	47-1	2400459	2464547	2496207	2453738	1.99	cps
Uranium	238-1	3652031	3831903	3928758	3804231	3.69	cps
Vanadium	51-2	490491	487005	479258	485584	1.18	cps
Yttrium	89-1	6857779	7044565	6963532	6955292	1.35	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MS	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MS	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:34:07	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	753395	750019	743410	748941	0.68	cps
Zinc	66-2	1525290	1464434	1464643	1484789	2.36	cps
Zirconium	90-1	2102422	2141760	2180761	2141648	1.83	cps
Zirconium	91-1	465742	480290	483943	476658	2.02	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSD	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:36:57	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1463554	1448208	1465495	1459086	0.65	cps
Antimony	121-1	1015116	1029290	1066066	1036824	2.54	cps
Arsenic	75-2	58473	58809	58589	58624	0.29	cps
Barium	135-1	4243107	4437091	4554080	4411426	3.56	cps
Barium	137-1	7413879	7613478	7865578	7630978	2.97	cps
Beryllium	9-1	249420	254818	260132	254790	2.10	cps
Bismuth	209-1	3293654	3112990	3324185	3243610	3.52	cps
Bismuth	209-2	1631517	1636587	1637398	1635167	0.19	cps
Boron	11-1	173006	196390	213176	194191	10.39	cps
Boron	10-1	34792	39402	43176	39124	10.73	cps
Bromine	81-1	456421	530611	573901	520311	11.42	cps
Cadmium	106-1	38462	39022	39749	39078	1.65	cps
Cadmium	108-1	26354	26392	26977	26574	1.31	cps
Cadmium	111-1	370006	378371	390942	379773	2.77	cps
Calcium	43-1	2662712	2691385	2814146	2722748	2.95	cps
Calcium	44-1	43715931	44089832	45417826	44407863	2.01	cps
Chromium	52-2	677972	674110	661709	671263	1.27	cps
Cobalt	59-2	837000	841450	832328	836926	0.55	cps
Copper	63-2	5562416	5450100	5423707	5478741	1.34	cps
Dysprosium	156-1	66231	68199	67170	67200	1.46	cps
Dysprosium	156-2	29526	29964	28918	29469	1.78	cps
Erbium	164-1	64239	64298	68242	65593	3.50	cps
Erbium	164-2	27442	28287	28153	27961	1.62	cps
Gadolinium	160-1	67521	67589	68652	67921	0.93	cps
Gadolinium	160-2	35009	34655	35333	34999	0.97	cps
Holmium	165-1	5146959	4894553	5299817	5113776	4.00	cps
Holmium	165-2	2351098	2398042	2358948	2369363	1.06	cps
Indium	115-1	4579350	4454196	4764551	4599366	3.39	cps
Indium	115-2	695786	701827	706974	701529	0.80	cps
Iron	54-2	8831271	8749839	8625747	8735619	1.18	cps
Iron	56-2	161022915	161634159	158782465	160479846	0.94	cps
Iron	57-2	4042483	4088491	3980496	4037157	1.34	cps
Krypton	83-1	650	700	747	699	6.92	cps
Lead	207-1	75888332	76797102	78902635	77196023	2.00	cps
Lead	208-1	348731124	353484777	361972991	354729631	1.89	cps
Lead	206-1	89344833	90272327	91792391	90469850	1.37	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSD	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:36:57	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1748944	1757774	1877640	1794786	4.01	cps
Magnesium	24-2	7636004	7723292	7602047	7653781	0.82	cps
Manganese	55-2	3075893	3106840	3021677	3068137	1.41	cps
Molybdenum	94-1	2755933	2823033	2860263	2813077	1.88	cps
Molybdenum	95-1	3529315	3604386	3651672	3595124	1.72	cps
Molybdenum	96-1	3880294	4020546	4026056	3975632	2.08	cps
Molybdenum	97-1	2148328	2215991	2272459	2212259	2.81	cps
Molybdenum	98-1	5575330	5726334	5842054	5714572	2.34	cps
Neodymium	150-1	103092	105934	109934	106320	3.23	cps
Neodymium	150-2	34601	34952	34401	34651	0.81	cps
Nickel	60-2	282768	286889	285266	284974	0.73	cps
Phosphorus	31-2	3442	3259	3150	3284	4.49	cps
Potassium	39-2	1425675	1461545	1403349	1430190	2.05	cps
Rhodium	103-1	3835294	3747049	4009975	3864106	3.46	cps
Rhodium	103-2	1940547	1990520	1965387	1965485	1.27	cps
Scandium	45-1	2651996	2556406	2664005	2624136	2.25	cps
Scandium	45-2	83793	84010	83799	83867	0.15	cps
Selenium	77-2	707	707	733	716	2.15	cps
Selenium	78-2	2091	2056	2215	2121	3.94	cps
Selenium	82-1	20957	21629	21953	21513	2.36	cps
Silicon	28-1	63070047	63642956	66006264	64239756	2.42	cps
Silver	109-1	1734983	1749801	1763082	1749289	0.80	cps
Silver	107-1	1772066	1871923	1836952	1826980	2.77	cps
Sodium	23-2	38618511	38936484	38616724	38723906	0.48	cps
Strontium	86-1	1552594	1606007	1622957	1593853	2.30	cps
Strontium	88-1	13405690	13701963	13895925	13667859	1.81	cps
Sulfur	34-1	586517	583739	589781	586679	0.52	cps
Terbium	159-1	5327335	5064494	5511089	5300973	4.23	cps
Terbium	159-2	2364267	2329939	2354984	2349730	0.76	cps
Thallium	203-1	1165904	1217629	1248266	1210600	3.44	cps
Thallium	205-1	2863619	2875608	2967254	2902160	1.95	cps
Tin	118-1	1457937	1462190	1505247	1475125	1.77	cps
Titanium	47-1	2320084	2349481	2366294	2345286	1.00	cps
Uranium	238-1	3793131	3826061	3963033	3860742	2.33	cps
Vanadium	51-2	475516	475154	469160	473276	0.75	cps
Yttrium	89-1	6955249	6616618	6992978	6854949	3.02	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01MSD	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12MSD	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:36:57	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	738970	747630	741661	742754	0.60	cps
Zinc	66-2	1449595	1453257	1440732	1447861	0.44	cps
Zirconium	90-1	2069396	2116311	2138713	2108140	1.68	cps
Zirconium	91-1	460323	467350	477317	468330	1.82	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01A	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:39:45	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1518238	1492501	1473745	1494828	1.49	cps
Antimony	121-1	1127699	1171457	1166789	1155315	2.08	cps
Arsenic	75-2	57309	56505	57356	57057	0.84	cps
Barium	135-1	4664465	4865463	4979937	4836622	3.30	cps
Barium	137-1	8195941	8458723	8506382	8387015	1.99	cps
Beryllium	9-1	269294	276751	273055	273033	1.37	cps
Bismuth	209-1	3441725	3460055	3460685	3454155	0.31	cps
Bismuth	209-2	1566630	1550670	1594390	1570563	1.41	cps
Boron	11-1	192576	225124	233551	217084	9.97	cps
Boron	10-1	39174	45491	47645	44103	9.98	cps
Bromine	81-1	488667	548277	590523	542489	9.43	cps
Cadmium	106-1	41914	41221	41546	41560	0.83	cps
Cadmium	108-1	27933	29486	28630	28683	2.71	cps
Cadmium	111-1	399935	411004	416811	409250	2.09	cps
Calcium	43-1	2878429	2990928	2853796	2907718	2.51	cps
Calcium	44-1	46867196	48760044	47034034	47553758	2.20	cps
Chromium	52-2	669417	659401	669703	666174	0.88	cps
Cobalt	59-2	821891	810135	818789	816938	0.75	cps
Copper	63-2	5416072	5418499	5435404	5423325	0.19	cps
Dysprosium	156-1	74652	76326	76452	75810	1.33	cps
Dysprosium	156-2	30381	29576	30187	30048	1.40	cps
Erbium	164-1	70236	72355	72850	71814	1.93	cps
Erbium	164-2	27839	28056	28036	27977	0.43	cps
Gadolinium	160-1	73503	77106	75891	75500	2.43	cps
Gadolinium	160-2	36249	35183	35527	35653	1.53	cps
Holmium	165-1	5497682	5512273	5571326	5527094	0.71	cps
Holmium	165-2	2277642	2285991	2311978	2291870	0.78	cps
Indium	115-1	4819153	4989884	5031606	4946881	2.28	cps
Indium	115-2	665687	664049	669240	666325	0.40	cps
Iron	54-2	8767911	8591842	8688516	8682756	1.02	cps
Iron	56-2	161299948	159032648	161077270	160469955	0.78	cps
Iron	57-2	4125834	4032877	4046392	4068367	1.23	cps
Krypton	83-1	677	703	783	721	7.70	cps
Lead	207-1	82426055	85367182	84285491	84026243	1.77	cps
Lead	208-1	377667222	389538056	389809123	385671467	1.80	cps
Lead	206-1	96952791	99430158	98821744	98401564	1.31	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01A	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:39:45	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1846642	1921311	1951869	1906607	2.84	cps
Magnesium	24-2	7501697	7452062	7444328	7466029	0.42	cps
Manganese	55-2	2964647	2963744	3016904	2981765	1.02	cps
Molybdenum	94-1	2982515	3035650	3092234	3036800	1.81	cps
Molybdenum	95-1	3768419	3875228	3845303	3829650	1.44	cps
Molybdenum	96-1	4198929	4318942	4299720	4272530	1.51	cps
Molybdenum	97-1	2335787	2380891	2390707	2369128	1.24	cps
Molybdenum	98-1	6015264	6262527	6090696	6122829	2.07	cps
Neodymium	150-1	114954	117630	119426	117336	1.92	cps
Neodymium	150-2	35326	35330	34598	35085	1.20	cps
Nickel	60-2	280620	278526	282819	280655	0.76	cps
Phosphorus	31-2	3284	3551	3542	3459	4.38	cps
Potassium	39-2	1408533	1387515	1396602	1397550	0.75	cps
Rhodium	103-1	4164703	4235788	4257500	4219330	1.15	cps
Rhodium	103-2	1886987	1873547	1901115	1887216	0.73	cps
Scandium	45-1	2791972	2866578	2758652	2805734	1.97	cps
Scandium	45-2	80819	80785	82046	81217	0.88	cps
Selenium	77-2	660	723	803	729	9.85	cps
Selenium	78-2	1923	2077	2004	2002	3.85	cps
Selenium	82-1	22512	23418	23182	23038	2.04	cps
Silicon	28-1	75051706	77948110	74556539	75852118	2.42	cps
Silver	109-1	1865252	1943497	1920334	1909695	2.10	cps
Silver	107-1	1908489	1984337	1971202	1954676	2.07	cps
Sodium	23-2	38333776	37366480	37592681	37764312	1.34	cps
Strontium	86-1	1706587	1744383	1733033	1728001	1.12	cps
Strontium	88-1	14508940	14821465	14802938	14711115	1.19	cps
Sulfur	34-1	604327	605451	595517	601765	0.90	cps
Terbium	159-1	5770527	5847516	5821953	5813332	0.67	cps
Terbium	159-2	2293712	2251254	2274826	2273264	0.94	cps
Thallium	203-1	1286711	1318201	1313031	1305981	1.29	cps
Thallium	205-1	3139373	3222744	3138843	3166987	1.52	cps
Tin	118-1	1557000	1624424	1589573	1590332	2.12	cps
Titanium	47-1	2595497	2646746	2631010	2624418	1.00	cps
Uranium	238-1	4116038	4253820	4261910	4210589	1.95	cps
Vanadium	51-2	470410	462587	467588	466862	0.85	cps
Yttrium	89-1	7395003	7576726	7424545	7465424	1.31	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2099-01A	Instrumnet Name :	P8
Client Sample ID :	239-GW-02-12A	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:39:45	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	723820	721281	727153	724084	0.41	cps
Zinc	66-2	1435946	1416431	1426559	1426312	0.68	cps
Zirconium	90-1	2256268	2336184	2330840	2307764	1.94	cps
Zirconium	91-1	501674	516569	525466	514570	2.34	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:42:36	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1596359	1590472	1585113	1590648	0.35	cps
Antimony	121-1	47123	47274	47968	47455	0.95	cps
Arsenic	75-2	9796	9664	9521	9661	1.42	cps
Barium	135-1	3898008	3988175	3964414	3950199	1.18	cps
Barium	137-1	6699742	6925308	7008723	6877924	2.32	cps
Beryllium	9-1	3210	3354	3434	3332	3.41	cps
Bismuth	209-1	3205365	3381027	3348529	3311640	2.82	cps
Bismuth	209-2	1620247	1649867	1653130	1641081	1.10	cps
Boron	11-1	95105	102621	108055	101927	6.38	cps
Boron	10-1	18902	20977	22222	20700	8.10	cps
Bromine	81-1	425605	476662	507075	469781	8.76	cps
Cadmium	106-1	2892	2850	3134	2959	5.17	cps
Cadmium	108-1	867	963	896	908	5.41	cps
Cadmium	111-1	13181	13552	13597	13443	1.70	cps
Calcium	43-1	2485971	2610590	2574981	2557181	2.51	cps
Calcium	44-1	40964828	42796119	42023768	41928238	2.19	cps
Chromium	52-2	406633	411002	409311	408982	0.54	cps
Cobalt	59-2	196038	195476	196863	196126	0.36	cps
Copper	63-2	4996017	4973584	5091091	5020230	1.24	cps
Dysprosium	156-1	87150	87821	89390	88120	1.30	cps
Dysprosium	156-2	39050	39184	39331	39188	0.36	cps
Erbium	164-1	83950	87068	88712	86576	2.79	cps
Erbium	164-2	37262	36694	36243	36733	1.39	cps
Gadolinium	160-1	86648	89114	89541	88434	1.77	cps
Gadolinium	160-2	45905	47090	45149	46048	2.12	cps
Holmium	165-1	5247408	5307994	5213449	5256284	0.91	cps
Holmium	165-2	2411289	2432882	2443498	2429223	0.68	cps
Indium	115-1	4449181	4754077	4738726	4647328	3.70	cps
Indium	115-2	675356	686627	691859	684614	1.23	cps
Iron	54-2	11067593	10995896	11043004	11035498	0.33	cps
Iron	56-2	204365377	202713421	202003777	203027525	0.60	cps
Iron	57-2	5122681	5037399	5183208	5114429	1.43	cps
Krypton	83-1	700	677	847	741	12.43	cps
Lead	207-1	75236735	77083310	76652349	76324131	1.27	cps
Lead	208-1	345109019	354900511	350689650	350233060	1.40	cps
Lead	206-1	87759363	90538013	89889463	89395613	1.63	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:42:36	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1717546	1853116	1864661	1811774	4.52	cps
Magnesium	24-2	6465393	6338673	6279487	6361184	1.49	cps
Manganese	55-2	3245026	3201519	3193135	3213227	0.87	cps
Molybdenum	94-1	56114	56449	57302	56622	1.08	cps
Molybdenum	95-1	61319	63797	62683	62600	1.98	cps
Molybdenum	96-1	69156	70228	72564	70649	2.47	cps
Molybdenum	97-1	37610	39114	38588	38437	1.99	cps
Molybdenum	98-1	98592	101152	101511	100418	1.59	cps
Neodymium	150-1	136977	139462	140904	139114	1.43	cps
Neodymium	150-2	45008	45406	46303	45572	1.45	cps
Nickel	60-2	121836	121114	123608	122186	1.05	cps
Phosphorus	31-2	5910	5810	5668	5796	2.10	cps
Potassium	39-2	823526	835603	821107	826745	0.94	cps
Rhodium	103-1	3913249	3986471	3971958	3957226	0.98	cps
Rhodium	103-2	1958843	1982673	2011336	1984284	1.32	cps
Scandium	45-1	2680986	2710399	2713596	2701660	0.67	cps
Scandium	45-2	84674	84581	85506	84920	0.60	cps
Selenium	77-2	283	167	200	217	27.74	cps
Selenium	78-2	100	98	113	104	7.86	cps
Selenium	82-1	367	378	277	341	16.28	cps
Silicon	28-1	73997075	75581987	75511006	75030023	1.19	cps
Silver	109-1	11864	12056	12381	12100	2.16	cps
Silver	107-1	11981	13307	12915	12734	5.35	cps
Sodium	23-2	35132315	35008336	34329352	34823334	1.24	cps
Strontium	86-1	1215860	1260913	1271778	1249517	2.37	cps
Strontium	88-1	10510377	10786993	11196387	10831252	3.19	cps
Sulfur	34-1	586241	588420	583977	586213	0.38	cps
Terbium	159-1	5397501	5531063	5523676	5484080	1.37	cps
Terbium	159-2	2366770	2444088	2403161	2404673	1.61	cps
Thallium	203-1	5535	5376	5343	5418	1.89	cps
Thallium	205-1	13099	13566	13190	13285	1.86	cps
Tin	118-1	412309	430362	426166	422945	2.23	cps
Titanium	47-1	2102521	2157905	2153203	2137876	1.44	cps
Uranium	238-1	100714	103688	101571	101991	1.50	cps
Vanadium	51-2	244672	242405	244248	243775	0.49	cps
Yttrium	89-1	7187662	7303476	7387569	7292902	1.38	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	L2101-04	Instrumnet Name :	P8
Client Sample ID :	239-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:42:36	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	764631	779235	772103	771990	0.95	cps
Zinc	66-2	1586726	1597343	1613389	1599153	0.84	cps
Zirconium	90-1	57611	59335	59536	58827	1.80	cps
Zirconium	91-1	12623	13015	13340	12993	2.76	cps

LB Number : LB108714 Operator : Jaswal
 Lab Sample ID : CCV08 Instrumnet Name : P8
 Client Sample ID : CCV08 Dilution Factor : 1
 Date & Time Acquired :: 2020-04-14 17:55:23 DataFile Name : 053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	858010	792951	801132	817364	4.34	cps
Antimony	121-1	1910920	1956147	1958610	1941892	1.38	cps
Arsenic	75-2	58946	54466	54786	56066	4.46	cps
Barium	135-1	1730236	1775451	1792244	1765977	1.82	cps
Barium	137-1	3114627	3145421	3152582	3137543	0.64	cps
Beryllium	9-1	317323	320106	322945	320124	0.88	cps
Bismuth	209-1	3374497	3404359	3423949	3400935	0.73	cps
Bismuth	209-2	1806507	1669245	1665603	1713785	4.69	cps
Boron	11-1	106120	120770	131367	119419	10.62	cps
Boron	10-1	21896	25168	26823	24629	10.18	cps
Bromine	81-1	15144	15434	14693	15090	2.48	cps
Cadmium	106-1	41246	42199	41630	41691	1.15	cps
Cadmium	108-1	28346	28434	29527	28769	2.29	cps
Cadmium	111-1	397078	406380	404686	402715	1.23	cps
Calcium	43-1	1874333	1864704	1902320	1880452	1.04	cps
Calcium	44-1	30477362	30716357	30964037	30719252	0.79	cps
Chromium	52-2	439605	397735	409702	415681	5.19	cps
Cobalt	59-2	781574	717032	725317	741308	4.74	cps
Copper	63-2	6011831	5567995	5662479	5747435	4.07	cps
Dysprosium	156-1	108	142	75	108	30.77	cps
Dysprosium	156-2	43	57	57	52	14.75	cps
Erbium	164-1	17	33	50	33	50.00	cps
Erbium	164-2	27	27	13	22	34.66	cps
Gadolinium	160-1	67	167	158	131	42.50	cps
Gadolinium	160-2	63	57	87	69	22.87	cps
Holmium	165-1	5479284	5514388	5576049	5523240	0.89	cps
Holmium	165-2	2645338	2475544	2473904	2531595	3.89	cps
Indium	115-1	4666083	4737671	4676497	4693417	0.82	cps
Indium	115-2	744222	695460	678234	705972	4.85	cps
Iron	54-2	4511415	4134441	4206915	4284257	4.67	cps
Iron	56-2	81691713	76017227	76437352	78048764	4.05	cps
Iron	57-2	2091925	1970195	1935819	1999313	4.10	cps
Krypton	83-1	623	653	600	626	4.27	cps
Lead	207-1	4796105	4977140	4977277	4916841	2.13	cps
Lead	208-1	21476864	22002554	22104516	21861311	1.54	cps
Lead	206-1	5357312	5494161	5494025	5448499	1.45	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:55:23	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1091298	1096777	1100387	1096154	0.42	cps
Magnesium	24-2	12274006	11119282	11417152	11603480	5.17	cps
Manganese	55-2	2000430	1876603	1881378	1919470	3.65	cps
Molybdenum	94-1	3113066	3124182	3152328	3129859	0.65	cps
Molybdenum	95-1	3895105	3907841	3927812	3910253	0.42	cps
Molybdenum	96-1	4251978	4380365	4347807	4326717	1.54	cps
Molybdenum	97-1	2370764	2418500	2445380	2411548	1.57	cps
Molybdenum	98-1	6129008	6216531	6271560	6205699	1.16	cps
Neodymium	150-1	60	67	87	71	19.52	cps
Neodymium	150-2	13	0	17	10	88.20	cps
Nickel	60-2	219423	199575	202535	207178	5.17	cps
Phosphorus	31-2	10938	9804	9754	10165	6.59	cps
Potassium	39-2	4488572	4243962	4302262	4344932	2.94	cps
Rhodium	103-1	4232189	4319349	4330804	4294114	1.26	cps
Rhodium	103-2	2240083	2076591	2031658	2116111	5.18	cps
Scandium	45-1	2704825	2712107	2733638	2716857	0.55	cps
Scandium	45-2	90144	84409	84571	86375	3.78	cps
Selenium	77-2	767	683	613	688	11.16	cps
Selenium	78-2	2619	2447	2355	2474	5.40	cps
Selenium	82-1	24141	24623	24660	24475	1.18	cps
Silicon	28-1	1224449	1310919	1359725	1298364	5.28	cps
Silver	109-1	1896975	1918735	1944959	1920223	1.25	cps
Silver	107-1	1960982	1995262	2016526	1990924	1.41	cps
Sodium	23-2	23671105	21576379	22003206	22416897	4.94	cps
Strontium	86-1	461793	464580	468383	464919	0.71	cps
Strontium	88-1	3968004	4070699	4105509	4048070	1.77	cps
Sulfur	34-1	492108	496265	491661	493345	0.51	cps
Terbium	159-1	5717568	5751646	5780911	5750042	0.55	cps
Terbium	159-2	2671000	2467961	2427101	2522021	5.18	cps
Thallium	203-1	1290393	1327913	1311075	1309794	1.43	cps
Thallium	205-1	3078673	3158369	3178634	3138559	1.68	cps
Tin	118-1	1222312	1257858	1257916	1246028	1.65	cps
Titanium	47-1	966676	993786	990195	983553	1.50	cps
Uranium	238-1	3993218	4052739	4052499	4032819	0.85	cps
Vanadium	51-2	343782	312609	318593	324995	5.09	cps
Yttrium	89-1	6467081	6630108	6553112	6550100	1.25	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 17:55:23	DataFile Name :	053CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	749946	705078	682831	712618	4.80	cps
Zinc	66-2	798216	733416	742819	758150	4.62	cps
Zirconium	90-1	2585550	2598183	2620448	2601394	0.68	cps
Zirconium	91-1	567277	579415	585689	577460	1.62	cps

LB Number :	LB108714	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 18:15:02	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277	240	267	261	7.26	cps
Antimony	121-1	100	67	108	92	24.05	cps
Arsenic	75-2	2	9	2	4	93.26	cps
Barium	135-1	17	50	25	31	56.77	cps
Barium	137-1	50	25	42	39	32.73	cps
Beryllium	9-1	62	46	62	57	16.30	cps
Bismuth	209-1	3413429	3412264	3430059	3418584	0.29	cps
Bismuth	209-2	1718648	1788968	1789170	1765595	2.30	cps
Boron	11-1	6042	6290	6140	6157	2.03	cps
Boron	10-1	1276	1306	1162	1248	6.09	cps
Bromine	81-1	3804	4205	3664	3891	7.21	cps
Cadmium	106-1	1325	1383	1317	1342	2.71	cps
Cadmium	108-1	0	8	13	7	91.66	cps
Cadmium	111-1	940	975	917	944	3.09	cps
Calcium	43-1	367	267	275	303	18.33	cps
Calcium	44-1	16935	17353	17319	17202	1.35	cps
Chromium	52-2	1137	1173	1140	1150	1.76	cps
Cobalt	59-2	17	20	27	21	24.12	cps
Copper	63-2	797	663	637	699	12.27	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	67	8	33	90.15	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	25	58	42	42	40.00	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	5405887	5347856	5382925	5378889	0.54	cps
Holmium	165-2	2433549	2555588	2523814	2504317	2.53	cps
Indium	115-1	4793569	4599563	4631004	4674712	2.23	cps
Indium	115-2	692549	717654	716960	709054	2.02	cps
Iron	54-2	317	383	372	357	9.99	cps
Iron	56-2	2217	2384	2189	2263	4.65	cps
Iron	57-2	106	117	67	96	27.26	cps
Krypton	83-1	643	633	723	667	7.40	cps
Lead	207-1	7886	7819	8147	7951	2.18	cps
Lead	208-1	37299	37049	38039	37463	1.37	cps
Lead	206-1	9776	9515	9882	9724	1.94	cps

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Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2020-04-14 18:15:02	DataFile Name :	056CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1098633	1082514	1086364	1089170	0.77	cps
Magnesium	24-2	225	242	192	219	11.60	cps
Manganese	55-2	87	57	50	64	30.31	cps
Molybdenum	94-1	117	67	83	89	28.64	cps
Molybdenum	95-1	25	8	25	19	49.50	cps
Molybdenum	96-1	92	50	25	56	60.62	cps
Molybdenum	97-1	25	8	17	17	50.01	cps
Molybdenum	98-1	50	25	25	33	43.30	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	83	67	73	12.02	cps
Phosphorus	31-2	133	125	133	131	3.69	cps
Potassium	39-2	15442	14508	14316	14755	4.08	cps
Rhodium	103-1	4537717	4437523	4542894	4506044	1.32	cps
Rhodium	103-2	2136698	2186493	2211146	2178113	1.74	cps
Scandium	45-1	2731711	2752422	2781808	2755314	0.91	cps
Scandium	45-2	85375	88376	88882	87545	2.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	29	27	27	5.59	cps
Selenium	82-1	157	140	-64	77	158.79	cps
Silicon	28-1	438688	438035	443564	440096	0.69	cps
Silver	109-1	83	117	183	128	39.85	cps
Silver	107-1	150	150	175	158	9.12	cps
Sodium	23-2	18320	19155	18471	18648	2.38	cps
Strontium	86-1	1042	1008	1017	1022	1.70	cps
Strontium	88-1	125	125	125	125	0.00	cps
Sulfur	34-1	401403	400869	397722	399998	0.50	cps
Terbium	159-1	5592009	5551337	5667217	5603521	1.05	cps
Terbium	159-2	2445543	2580140	2535197	2520293	2.72	cps
Thallium	203-1	58	75	75	69	13.85	cps
Thallium	205-1	225	142	108	158	37.95	cps
Tin	118-1	292	267	225	261	12.90	cps
Titanium	47-1	333	258	217	269	21.94	cps
Uranium	238-1	8	0	0	3	173.21	cps
Vanadium	51-2	23	10	10	14	53.28	cps
Yttrium	89-1	6584913	6501669	6485633	6524072	0.82	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	704116	719537	723249	715634	1.42	cps
Zinc	66-2	227	187	237	217	12.21	cps
Zirconium	90-1	275	225	333	278	19.52	cps
Zirconium	91-1	50	42	67	53	24.12	cps