

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:10:25 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.88	-1.01	1.89	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.03	0.00	0.00	N/A	ppb
Barium	135-1	0.02	0.01	-0.03	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	11-1	-0.11	-0.10	0.21	0.00	N/A	ppb
Boron	10-1	0.55	-0.45	-0.10	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	106-1	-2.54	-0.57	3.11	0.00	N/A	ppb
Cadmium	108-1	-0.11	0.31	-0.20	0.00	N/A	ppb
Cadmium	111-1	-0.04	-0.03	0.07	0.00	N/A	ppb
Calcium	43-1	-1.02	-0.41	1.44	0.00	N/A	ppb
Calcium	44-1	1.18	-1.58	0.40	0.00	N/A	ppb
Chromium	52-2	-0.05	-0.14	0.18	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	-0.06	0.03	0.03	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	-0.67	-0.62	1.29	0.00	N/A	ppb
Iron	56-2	0.05	-0.13	0.07	0.00	N/A	ppb
Iron	57-2	1.37	-0.49	-0.88	0.00	N/A	ppb
Krypton	83-1						cps
Lead	207-1	-0.01	0.03	-0.01	0.00	N/A	ppb
Lead	208-1	-0.02	-0.01	0.02	0.00	N/A	ppb
Lead	206-1	-0.02	-0.02	0.03	0.00	N/A	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:10:25	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	-0.72	0.42	0.30	0.00	N/A	ppb
Manganese	55-2	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	-0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.02	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	-0.10	0.00	0.09	0.00	N/A	ppb
Phosphorus	31-2	-20.20	30.55	35.19	15.18	202.44	ppb
Potassium	39-2	-9.74	-35.59	45.33	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	-0.95	1.02	0.00	N/A	ppb
Selenium	82-1	1.41	-1.55	0.13	0.00	N/A	ppb
Silicon	28-1	3.91	-3.43	-0.48	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.01	0.00	0.00	N/A	ppb
Sodium	23-2	-5.16	-6.00	11.15	0.00	N/A	ppb
Strontium	86-1	0.00	-0.01	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-1542.32	-1280.05	-905.27	-1242.55		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.03	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	-0.01	0.09	-0.08	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:10:25	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	0.03	-0.24	0.21	0.00	N/A	ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.04	-0.02	-0.02	0.00	N/A	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:13:34 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.52	17.74	22.72	20.99	13.43	ppb
Antimony	121-1	2.15	2.06	1.79	2.00	9.21	ppb
Arsenic	75-2	0.97	0.92	0.85	0.91	6.42	ppb
Barium	135-1	10.36	10.10	9.68	10.05	3.44	ppb
Barium	137-1	10.06	10.11	9.34	9.84	4.39	ppb
Beryllium	9-1	1.07	1.10	0.92	1.03	9.74	ppb
Bismuth	209-1				94		%
Bismuth	209-2				103		%
Boron	11-1	20.31	22.23	22.57	21.70	5.60	ppb
Boron	10-1	18.05	21.88	22.68	20.87	11.85	ppb
Bromine	81-1						cps
Cadmium	106-1	2.92	1.68	2.32	2.30	26.97	ppb
Cadmium	108-1	0.99	1.99	0.91	1.30	46.30	ppb
Cadmium	111-1	1.17	1.01	1.14	1.11	7.36	ppb
Calcium	43-1	525.02	492.09	451.40	489.50	7.53	ppb
Calcium	44-1	523.72	521.79	456.22	500.58	7.68	ppb
Chromium	52-2	1.95	1.55	1.61	1.70	12.46	ppb
Cobalt	59-2	0.90	0.96	0.92	0.92	3.30	ppb
Copper	63-2	2.02	2.14	1.99	2.05	3.80	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				95		%
Holmium	165-2				103		%
Indium	115-1				94		%
Indium	115-2				103		%
Iron	54-2	52.28	54.85	48.71	51.95	5.94	ppb
Iron	56-2	49.00	50.47	49.34	49.60	1.55	ppb
Iron	57-2	44.69	44.61	50.02	46.44	6.67	ppb
Krypton	83-1						cps
Lead	207-1	0.84	0.92	0.78	0.85	8.09	ppb
Lead	208-1	0.95	1.04	0.85	0.95	9.98	ppb
Lead	206-1	1.02	0.99	0.88	0.96	7.38	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:13:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	505.16	518.67	482.44	502.09	3.65	ppb
Manganese	55-2	0.95	0.87	0.97	0.93	5.54	ppb
Molybdenum	94-1	5.07	5.07	4.90	5.01	1.99	ppb
Molybdenum	95-1	4.95	4.94	5.04	4.98	1.12	ppb
Molybdenum	96-1	4.71	5.50	4.75	4.99	8.94	ppb
Molybdenum	97-1	5.02	5.13	4.02	4.72	12.90	ppb
Molybdenum	98-1	4.85	5.13	4.64	4.87	4.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	1.00	0.85	0.90	8.91	ppb
Phosphorus	31-2	-20.68	24.02	-48.88	-15.18		ppb
Potassium	39-2	476.53	475.97	491.40	481.30	1.82	ppb
Rhodium	103-1				96		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				102		%
Selenium	77-2	2.15	2.15	2.14	2.14	0.31	ppb
Selenium	78-2	1.73	5.21	3.03	3.32	52.84	ppb
Selenium	82-1	5.50	6.09	5.11	5.57	8.88	ppb
Silicon	28-1	58.59	45.52	6.60	36.90	73.28	ppb
Silver	109-1	1.07	0.98	0.98	1.01	5.42	ppb
Silver	107-1	0.99	1.00	1.00	1.00	0.33	ppb
Sodium	23-2	489.04	506.69	485.28	493.67	2.32	ppb
Strontium	86-1	1.22	0.99	0.95	1.05	13.69	ppb
Strontium	88-1	0.98	1.04	0.91	0.98	6.41	ppb
Sulfur	34-1	2953.16	1759.86	-985.37	1242.55	162.54	ppb
Terbium	159-1				95		%
Terbium	159-2				103		%
Thallium	203-1	0.98	1.05	0.87	0.97	9.53	ppb
Thallium	205-1	0.94	0.98	0.94	0.96	2.28	ppb
Tin	118-1	4.71	5.07	4.81	4.86	3.88	ppb
Titanium	47-1	5.77	4.53	4.52	4.94	14.61	ppb
Uranium	238-1	0.97	0.94	0.95	0.95	1.40	ppb
Vanadium	51-2	4.40	4.24	4.50	4.38	3.07	ppb
Yttrium	89-1				95		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:13:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	1.99	1.17	2.35	1.84	32.87	ppb
Zirconium	90-1	0.97	0.97	0.89	0.95	4.98	ppb
Zirconium	91-1	1.03	1.10	0.85	1.00	13.11	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:16:44 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1058.61	1035.35	1084.94	1059.63	2.34	ppb
Antimony	121-1	49.30	49.01	49.47	49.26	0.48	ppb
Arsenic	75-2	49.66	48.97	51.52	50.05	2.63	ppb
Barium	135-1	243.18	243.81	244.23	243.74	0.22	ppb
Barium	137-1	245.09	244.69	245.76	245.18	0.22	ppb
Beryllium	9-1	48.63	50.44	47.50	48.86	3.03	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	11-1	44.35	48.82	51.94	48.37	7.88	ppb
Boron	10-1	43.13	49.21	50.97	47.77	8.60	ppb
Bromine	81-1						cps
Cadmium	106-1	52.42	41.32	47.32	47.02	11.81	ppb
Cadmium	108-1	51.92	51.80	52.05	51.92	0.24	ppb
Cadmium	111-1	49.53	47.85	48.82	48.73	1.73	ppb
Calcium	43-1	4835.56	5011.13	4873.42	4906.70	1.88	ppb
Calcium	44-1	4969.20	5140.23	4945.96	5018.46	2.11	ppb
Chromium	52-2	48.70	47.89	50.51	49.04	2.73	ppb
Cobalt	59-2	49.01	49.19	51.24	49.81	2.49	ppb
Copper	63-2	510.40	499.05	525.28	511.58	2.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	2753.07	2719.30	2865.96	2779.44	2.76	ppb
Iron	56-2	2689.09	2687.63	2784.54	2720.42	2.04	ppb
Iron	57-2	2695.44	2677.13	2774.74	2715.77	1.91	ppb
Krypton	83-1						cps
Lead	207-1	232.15	235.57	233.34	233.69	0.74	ppb
Lead	208-1	233.30	239.22	239.08	237.20	1.42	ppb
Lead	206-1	234.54	240.44	239.75	238.24	1.35	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:16:44	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	5470.49	5427.49	5683.30	5527.09	2.48	ppb
Manganese	55-2	496.42	492.80	514.15	501.12	2.28	ppb
Molybdenum	94-1	250.22	250.25	247.34	249.27	0.67	ppb
Molybdenum	95-1	242.79	248.28	245.65	245.57	1.12	ppb
Molybdenum	96-1	244.21	251.34	247.19	247.58	1.45	ppb
Molybdenum	97-1	245.18	249.70	243.53	246.14	1.30	ppb
Molybdenum	98-1	247.95	248.04	244.13	246.71	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.64	48.86	52.41	50.30	3.71	ppb
Phosphorus	31-2	1229.12	1018.55	1170.89	1139.52	9.54	ppb
Potassium	39-2	2775.90	2682.19	2877.91	2778.66	3.52	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	69.14	38.88	47.76	51.93	29.96	ppb
Selenium	78-2	46.45	45.65	50.27	47.45	5.20	ppb
Selenium	82-1	47.19	48.57	52.21	49.32	5.26	ppb
Silicon	28-1	61.05	86.99	65.40	71.15	19.53	ppb
Silver	109-1	50.35	50.39	50.84	50.52	0.54	ppb
Silver	107-1	50.13	50.50	50.24	50.29	0.38	ppb
Sodium	23-2	5343.21	5359.95	5639.93	5447.70	3.06	ppb
Strontium	86-1	49.24	49.86	48.16	49.09	1.75	ppb
Strontium	88-1	49.47	50.09	48.98	49.51	1.13	ppb
Sulfur	34-1	-622.74	1291.69	-518.62	50.11	2148.30	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	48.62	48.10	48.36	48.36	0.53	ppb
Thallium	205-1	47.75	48.29	48.59	48.21	0.88	ppb
Tin	118-1	48.58	49.52	48.42	48.84	1.21	ppb
Titanium	47-1	238.03	244.40	238.46	240.29	1.48	ppb
Uranium	238-1	47.70	48.30	47.97	47.99	0.62	ppb
Vanadium	51-2	49.90	47.85	49.23	48.99	2.13	ppb
Yttrium	89-1				101		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:16:44	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	502.80	500.20	512.38	505.13	1.27	ppb
Zirconium	90-1	48.93	49.53	49.19	49.22	0.62	ppb
Zirconium	91-1	49.12	48.41	48.48	48.67	0.81	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:19:52 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2688.45	2712.75	2608.51	2669.90	2.04	ppb
Antimony	121-1	122.92	128.54	123.18	124.88	2.54	ppb
Arsenic	75-2	124.50	123.98	120.38	122.95	1.82	ppb
Barium	135-1	607.10	626.26	622.77	618.71	1.65	ppb
Barium	137-1	621.61	629.43	625.00	625.35	0.63	ppb
Beryllium	9-1	121.43	129.07	121.70	124.07	3.50	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	11-1	106.70	124.44	128.38	119.84	9.64	ppb
Boron	10-1	105.72	125.63	131.02	120.79	11.03	ppb
Bromine	81-1						cps
Cadmium	106-1	118.83	121.08	125.62	121.84	2.84	ppb
Cadmium	108-1	124.12	123.00	127.70	124.94	1.96	ppb
Cadmium	111-1	122.41	126.66	123.27	124.11	1.81	ppb
Calcium	43-1	12573.45	12459.25	12412.97	12481.89	0.66	ppb
Calcium	44-1	12597.12	12709.03	12514.82	12606.99	0.77	ppb
Chromium	52-2	124.80	126.82	124.66	125.43	0.97	ppb
Cobalt	59-2	124.74	125.41	121.70	123.95	1.59	ppb
Copper	63-2	1276.24	1281.75	1260.29	1272.76	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				101		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	6951.40	7020.97	6730.32	6900.90	2.20	ppb
Iron	56-2	6992.83	6814.84	6647.72	6818.46	2.53	ppb
Iron	57-2	6888.63	6898.91	6736.30	6841.28	1.33	ppb
Krypton	83-1						cps
Lead	207-1	601.88	600.57	593.48	598.64	0.75	ppb
Lead	208-1	616.76	609.33	603.67	609.92	1.08	ppb
Lead	206-1	613.50	605.37	594.23	604.37	1.60	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:19:52	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	13673.11	13959.28	13576.47	13736.28	1.45	ppb
Manganese	55-2	1254.57	1263.85	1221.24	1246.55	1.80	ppb
Molybdenum	94-1	628.53	643.55	628.42	633.50	1.37	ppb
Molybdenum	95-1	624.58	642.83	626.40	631.27	1.59	ppb
Molybdenum	96-1	626.49	643.62	625.68	631.93	1.60	ppb
Molybdenum	97-1	612.17	640.01	612.71	621.63	2.56	ppb
Molybdenum	98-1	622.90	643.64	610.42	625.66	2.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.37	125.07	125.09	125.51	0.60	ppb
Phosphorus	31-2	2728.28	2422.78	2439.85	2530.30	6.78	ppb
Potassium	39-2	6951.14	7015.71	6829.70	6932.18	1.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	166.70	123.44	110.61	133.58	22.00	ppb
Selenium	78-2	119.20	118.86	114.72	117.59	2.12	ppb
Selenium	82-1	126.50	131.77	121.99	126.75	3.86	ppb
Silicon	28-1	149.92	167.37	145.26	154.18	7.56	ppb
Silver	109-1	126.23	128.04	125.57	126.61	1.01	ppb
Silver	107-1	125.90	128.73	129.11	127.91	1.37	ppb
Sodium	23-2	13504.78	13727.97	13654.42	13629.06	0.83	ppb
Strontium	86-1	122.96	128.75	121.57	124.43	3.06	ppb
Strontium	88-1	125.90	127.70	125.15	126.25	1.04	ppb
Sulfur	34-1	2299.75	2357.66	2363.92	2340.44	1.51	ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	124.56	122.40	120.89	122.62	1.50	ppb
Thallium	205-1	123.98	125.02	122.09	123.70	1.20	ppb
Tin	118-1	123.22	126.88	123.62	124.57	1.61	ppb
Titanium	47-1	607.68	612.00	609.05	609.58	0.36	ppb
Uranium	238-1	123.00	121.67	119.58	121.41	1.42	ppb
Vanadium	51-2	123.75	126.61	120.83	123.73	2.34	ppb
Yttrium	89-1				100		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:19:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	1259.42	1259.99	1234.14	1251.18	1.18	ppb
Zirconium	90-1	123.88	127.11	122.68	124.56	1.84	ppb
Zirconium	91-1	124.45	127.00	118.89	123.45	3.36	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:22:57 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5431.04	5469.81	5446.38	5449.08	0.36	ppb
Antimony	121-1	252.84	250.94	249.36	251.05	0.69	ppb
Arsenic	75-2	249.59	252.31	247.48	249.79	0.97	ppb
Barium	135-1	1245.14	1259.92	1222.25	1242.44	1.53	ppb
Barium	137-1	1265.36	1253.05	1254.50	1257.64	0.53	ppb
Beryllium	9-1	245.66	252.92	244.54	247.71	1.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	11-1	217.48	247.52	254.52	239.84	8.21	ppb
Boron	10-1	210.89	250.27	252.78	237.98	9.87	ppb
Bromine	81-1						cps
Cadmium	106-1	236.20	250.89	244.97	244.02	3.03	ppb
Cadmium	108-1	247.00	249.67	241.30	245.99	1.74	ppb
Cadmium	111-1	249.86	253.18	244.63	249.22	1.73	ppb
Calcium	43-1	25182.09	24977.37	24942.24	25033.90	0.52	ppb
Calcium	44-1	25354.32	25331.08	24704.06	25129.82	1.47	ppb
Chromium	52-2	252.90	251.72	248.31	250.98	0.95	ppb
Cobalt	59-2	251.03	252.56	251.77	251.79	0.30	ppb
Copper	63-2	2546.06	2546.18	2497.64	2529.96	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	14076.97	13825.44	13940.34	13947.58	0.90	ppb
Iron	56-2	13607.33	13747.68	13630.93	13661.98	0.55	ppb
Iron	57-2	13905.17	13670.20	13706.77	13760.71	0.92	ppb
Krypton	83-1						cps
Lead	207-1	1227.62	1268.19	1226.28	1240.70	1.92	ppb
Lead	208-1	1254.22	1258.81	1232.30	1248.45	1.13	ppb
Lead	206-1	1257.45	1257.42	1211.44	1242.10	2.14	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:22:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	28001.68	28143.82	27936.20	28027.23	0.38	ppb
Manganese	55-2	2540.30	2510.27	2560.61	2537.06	1.00	ppb
Molybdenum	94-1	1282.87	1309.07	1226.79	1272.91	3.30	ppb
Molybdenum	95-1	1244.24	1291.88	1217.05	1251.06	3.03	ppb
Molybdenum	96-1	1259.82	1253.02	1205.92	1239.59	2.37	ppb
Molybdenum	97-1	1264.75	1272.63	1242.13	1259.83	1.26	ppb
Molybdenum	98-1	1267.75	1261.83	1246.60	1258.73	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.80	253.14	253.16	252.70	0.31	ppb
Phosphorus	31-2	5306.86	4718.90	5120.56	5048.77	5.95	ppb
Potassium	39-2	14048.60	13988.09	14218.20	14084.97	0.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	263.59	283.84	281.99	276.47	4.05	ppb
Selenium	78-2	238.99	245.70	245.43	243.38	1.56	ppb
Selenium	82-1	249.92	249.74	250.83	250.16	0.23	ppb
Silicon	28-1	275.43	259.78	244.73	259.98	5.90	ppb
Silver	109-1	255.07	254.23	252.00	253.77	0.63	ppb
Silver	107-1	251.32	254.57	252.94	252.94	0.64	ppb
Sodium	23-2	28187.99	27583.15	27742.69	27837.94	1.13	ppb
Strontium	86-1	247.19	249.03	245.35	247.19	0.74	ppb
Strontium	88-1	254.89	253.28	242.92	250.36	2.60	ppb
Sulfur	34-1	4788.75	3624.74	4293.69	4235.73	13.79	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	252.04	247.05	248.37	249.15	1.04	ppb
Thallium	205-1	249.74	249.70	247.55	249.00	0.50	ppb
Tin	118-1	247.52	248.39	247.19	247.70	0.25	ppb
Titanium	47-1	1232.28	1233.22	1212.81	1226.11	0.94	ppb
Uranium	238-1	248.64	245.76	245.19	246.53	0.75	ppb
Vanadium	51-2	250.45	250.14	248.02	249.54	0.53	ppb
Yttrium	89-1				100		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:22:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	2553.58	2531.81	2500.76	2528.72	1.05	ppb
Zirconium	90-1	255.21	254.97	248.54	252.91	1.50	ppb
Zirconium	91-1	250.39	253.34	241.92	248.55	2.38	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:25:56	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10695.16	10739.38	10627.99	10687.51	0.52	ppb
Antimony	121-1	497.21	507.31	521.60	508.71	2.41	ppb
Arsenic	75-2	495.28	492.93	488.46	492.22	0.70	ppb
Barium	135-1	2438.25	2499.27	2543.81	2493.78	2.12	ppb
Barium	137-1	2456.09	2518.75	2607.60	2527.48	3.01	ppb
Beryllium	9-1	486.19	498.11	512.57	498.96	2.65	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	11-1	432.68	494.44	537.12	488.08	10.76	ppb
Boron	10-1	434.26	482.95	539.47	485.56	10.84	ppb
Bromine	81-1						cps
Cadmium	106-1	490.99	500.42	539.16	510.19	5.00	ppb
Cadmium	108-1	491.78	512.32	528.29	510.80	3.58	ppb
Cadmium	111-1	492.89	500.93	524.42	506.08	3.24	ppb
Calcium	43-1	49193.61	50228.08	53642.98	51021.56	4.56	ppb
Calcium	44-1	49248.42	50746.12	53917.47	51304.00	4.65	ppb
Chromium	52-2	491.76	490.43	486.39	489.53	0.57	ppb
Cobalt	59-2	487.45	496.36	493.05	492.29	0.91	ppb
Copper	63-2	4856.28	4941.61	4892.07	4896.65	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				101		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	54-2	27490.62	27645.51	27288.21	27474.78	0.65	ppb
Iron	56-2	26849.92	26736.40	26749.44	26778.59	0.23	ppb
Iron	57-2	26814.19	27233.29	27029.40	27025.63	0.78	ppb
Krypton	83-1						cps
Lead	207-1	2474.73	2572.22	2536.35	2527.77	1.95	ppb
Lead	208-1	2455.28	2555.11	2539.45	2516.61	2.13	ppb
Lead	206-1	2463.19	2524.00	2558.23	2515.14	1.91	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:25:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	54059.65	54885.71	53655.94	54200.43	1.16	ppb
Manganese	55-2	4909.21	4990.20	5058.10	4985.84	1.50	ppb
Molybdenum	94-1	2476.22	2547.93	2620.60	2548.25	2.83	ppb
Molybdenum	95-1	2434.25	2523.87	2584.09	2514.07	3.00	ppb
Molybdenum	96-1	2438.61	2471.92	2626.54	2512.36	3.99	ppb
Molybdenum	97-1	2469.25	2526.51	2616.20	2537.32	2.92	ppb
Molybdenum	98-1	2446.24	2520.70	2630.58	2532.51	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.17	502.43	490.22	493.94	1.49	ppb
Phosphorus	31-2	9455.88	10215.49	9807.34	9826.24	3.87	ppb
Potassium	39-2	27219.98	27862.45	27152.47	27411.63	1.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	495.32	474.67	495.15	488.38	2.43	ppb
Selenium	78-2	482.62	496.46	482.40	487.16	1.65	ppb
Selenium	82-1	479.59	507.56	521.75	502.97	4.27	ppb
Silicon	28-1	471.05	480.10	583.96	511.70	12.26	ppb
Silver	109-1	503.03	505.48	518.12	508.88	1.59	ppb
Silver	107-1	492.56	508.41	516.44	505.80	2.40	ppb
Sodium	23-2	53348.23	53457.21	52442.76	53082.73	1.05	ppb
Strontium	86-1	487.37	501.24	517.90	502.17	3.04	ppb
Strontium	88-1	495.17	494.73	518.35	502.75	2.69	ppb
Sulfur	34-1	8928.46	8761.81	12213.29	9967.85	19.53	ppb
Terbium	159-1				101		%
Terbium	159-2				106		%
Thallium	203-1	494.39	509.52	516.45	506.79	2.23	ppb
Thallium	205-1	501.34	516.30	510.96	509.53	1.49	ppb
Tin	118-1	492.92	501.46	529.44	507.94	3.76	ppb
Titanium	47-1	2424.33	2464.79	2621.98	2503.70	4.17	ppb
Uranium	238-1	494.36	514.75	518.94	509.35	2.58	ppb
Vanadium	51-2	493.46	486.50	485.11	488.36	0.92	ppb
Yttrium	89-1				100		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:25:56	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	4906.75	4982.44	4916.72	4935.31	0.83	ppb
Zirconium	90-1	490.20	499.07	516.33	501.87	2.65	ppb
Zirconium	91-1	482.76	497.77	519.80	500.11	3.73	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:28:56 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21286.12	21514.89	22394.69	21731.90	2.69	ppb
Antimony	121-1	988.52	999.21	998.58	995.44	0.60	ppb
Arsenic	75-2	973.05	1012.37	1027.15	1004.19	2.78	ppb
Barium	135-1	5040.10	5004.66	4973.54	5006.10	0.67	ppb
Barium	137-1	5006.36	4994.22	4953.07	4984.55	0.56	ppb
Beryllium	9-1	983.51	1027.90	992.39	1001.27	2.35	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	11-1	911.36	1046.35	1070.21	1009.31	8.49	ppb
Boron	10-1	916.70	1053.25	1062.95	1010.97	8.09	ppb
Bromine	81-1						cps
Cadmium	106-1	988.41	998.69	1003.73	996.94	0.78	ppb
Cadmium	108-1	977.79	1009.49	999.26	995.52	1.63	ppb
Cadmium	111-1	991.20	1000.75	1000.04	997.33	0.53	ppb
Calcium	43-1	100735.49	102235.05	105497.57	102822.70	2.37	ppb
Calcium	44-1	100978.18	101423.12	105273.44	102558.25	2.30	ppb
Chromium	52-2	983.32	1002.51	1029.14	1004.99	2.29	ppb
Cobalt	59-2	1001.33	991.50	1017.83	1003.55	1.33	ppb
Copper	63-2	9797.14	10044.43	10280.71	10040.76	2.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	54-2	55486.73	55621.89	57657.44	56255.35	2.16	ppb
Iron	56-2	53529.50	54482.08	55334.64	54448.74	1.66	ppb
Iron	57-2	54379.38	55126.94	56565.01	55357.11	2.01	ppb
Krypton	83-1						cps
Lead	207-1	4929.03	4969.44	5079.20	4992.55	1.56	ppb
Lead	208-1	4964.61	4982.35	5036.87	4994.61	0.75	ppb
Lead	206-1	4965.92	4988.45	5038.34	4997.57	0.74	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:28:56	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	109275.57	109912.99	111276.90	110155.15	0.93	ppb
Manganese	55-2	9892.56	9908.79	10193.22	9998.19	1.69	ppb
Molybdenum	94-1	5056.86	4881.01	4969.49	4969.12	1.77	ppb
Molybdenum	95-1	5034.07	4910.80	5031.55	4992.14	1.41	ppb
Molybdenum	96-1	5038.24	4915.21	5033.59	4995.68	1.40	ppb
Molybdenum	97-1	5016.48	4944.72	4977.28	4979.49	0.72	ppb
Molybdenum	98-1	4965.18	4990.26	4989.50	4981.65	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	974.14	997.81	1034.89	1002.28	3.05	ppb
Phosphorus	31-2	19810.14	19889.31	20492.32	20063.92	1.86	ppb
Potassium	39-2	53445.45	54972.96	56132.55	54850.32	2.46	ppb
Rhodium	103-1				96		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	996.71	970.92	1026.48	998.04	2.79	ppb
Selenium	78-2	971.24	1014.59	1041.58	1009.14	3.52	ppb
Selenium	82-1	1000.37	992.65	1001.84	998.29	0.49	ppb
Silicon	28-1	932.26	978.99	1048.79	986.68	5.94	ppb
Silver	109-1	987.27	1003.53	992.38	994.39	0.84	ppb
Silver	107-1	981.28	1014.86	991.82	995.98	1.72	ppb
Sodium	23-2	107135.48	109670.42	112291.84	109699.25	2.35	ppb
Strontium	86-1	998.62	990.73	1009.86	999.74	0.96	ppb
Strontium	88-1	1008.99	992.94	993.27	998.40	0.92	ppb
Sulfur	34-1	19670.92	19841.08	21311.74	20274.58	4.45	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	985.51	995.55	1010.54	997.20	1.26	ppb
Thallium	205-1	982.00	984.87	1020.34	995.74	2.14	ppb
Tin	118-1	1004.29	983.52	1002.34	996.72	1.15	ppb
Titanium	47-1	4975.05	4948.27	5096.28	5006.54	1.58	ppb
Uranium	238-1	991.38	989.52	1009.33	996.74	1.10	ppb
Vanadium	51-2	989.33	1000.12	1029.00	1006.15	2.04	ppb
Yttrium	89-1				100		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:28:56	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				101		%
Zinc	66-2	9748.05	10034.90	10291.35	10024.76	2.71	ppb
Zirconium	90-1	991.95	1003.15	1000.20	998.43	0.58	ppb
Zirconium	91-1	998.22	993.06	1010.43	1000.57	0.89	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:31:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97456.92	101392.55	99823.24	99557.57	1.99	ppb
Antimony	121-1	0.57	0.56	0.57	0.56	0.68	ppb
Arsenic	75-2	0.19	0.33	0.35	0.29	29.94	ppb
Barium	135-1	8.67	8.38	8.28	8.44	2.39	ppb
Barium	137-1	8.58	8.94	9.45	8.99	4.82	ppb
Beryllium	9-1	0.29	0.22	0.26	0.26	14.31	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Boron	11-1	159.54	142.65	127.17	143.12	11.31	ppb
Boron	10-1	164.75	146.37	127.02	146.04	12.92	ppb
Bromine	81-1						cps
Cadmium	106-1	-3.18	-0.43	-3.44	-2.35		ppb
Cadmium	108-1	0.94	0.46	0.78	0.72	33.65	ppb
Cadmium	111-1	0.29	0.37	0.26	0.31	17.19	ppb
Calcium	43-1	500239.65	501005.66	496753.71	499333.01	0.45	ppb
Calcium	44-1	497901.48	506934.83	493209.49	499348.60	1.40	ppb
Chromium	52-2	1.90	2.03	2.00	1.98	3.32	ppb
Cobalt	59-2	1.46	1.56	1.62	1.55	5.27	ppb
Copper	63-2	2.95	3.04	2.86	2.95	2.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				107		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	54-2	246848.17	249453.57	248928.27	248410.00	0.55	ppb
Iron	56-2	247108.05	250029.44	249436.15	248857.88	0.62	ppb
Iron	57-2	247691.91	249501.16	248745.05	248646.04	0.37	ppb
Krypton	83-1						cps
Lead	207-1	0.90	1.03	1.05	0.99	8.49	ppb
Lead	208-1	0.99	1.05	1.03	1.02	3.40	ppb
Lead	206-1	1.07	1.09	1.11	1.09	1.93	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:31:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				104		%
Magnesium	24-2	492159.31	507162.83	492762.02	497361.38	1.71	ppb
Manganese	55-2	5.89	6.46	6.61	6.32	6.03	ppb
Molybdenum	94-1	1.06	1.08	1.18	1.11	5.78	ppb
Molybdenum	95-1	1.01	1.04	1.07	1.04	2.69	ppb
Molybdenum	96-1	1.43	1.55	1.38	1.46	6.08	ppb
Molybdenum	97-1	1.01	1.11	1.08	1.07	4.83	ppb
Molybdenum	98-1	1.06	1.04	1.04	1.05	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.67	1.75	1.47	1.63	8.79	ppb
Phosphorus	31-2	-1.01	59.38	-6.37	17.33	210.68	ppb
Potassium	39-2	244870.36	248896.63	252302.18	248689.72	1.50	ppb
Rhodium	103-1				96		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	0.00	2.14	0.00	0.71	173.21	ppb
Selenium	78-2	-0.79	0.56	2.16	0.64	230.25	ppb
Selenium	82-1	0.59	0.63	0.75	0.66	12.54	ppb
Silicon	28-1	85.02	92.59	87.43	88.35	4.38	ppb
Silver	109-1	0.42	0.48	0.42	0.44	7.40	ppb
Silver	107-1	0.44	0.44	0.53	0.47	10.98	ppb
Sodium	23-2	493544.72	505595.35	493591.78	497577.28	1.40	ppb
Strontium	86-1	5.10	5.40	5.37	5.29	3.08	ppb
Strontium	88-1	5.11	5.32	5.17	5.20	2.08	ppb
Sulfur	34-1	-1597.92	-1261.52	-1922.87	-1594.10		ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	0.67	0.63	0.56	0.62	8.42	ppb
Thallium	205-1	0.64	0.60	0.50	0.58	12.45	ppb
Tin	118-1	0.19	0.15	0.18	0.17	10.46	ppb
Titanium	47-1	0.32	-0.06	0.40	0.22	110.32	ppb
Uranium	238-1	0.11	0.11	0.09	0.10	11.13	ppb
Vanadium	51-2	0.14	0.13	0.11	0.13	10.93	ppb
Yttrium	89-1				100		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:31:54	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	20.16	21.09	20.88	20.71	2.35	ppb
Zirconium	90-1	0.19	0.19	0.26	0.21	19.55	ppb
Zirconium	91-1	0.25	0.22	0.25	0.24	7.51	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:48:24	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	537.17	519.01	530.00	528.73	1.73	ppb
Antimony	121-1	206.65	196.75	187.01	196.80	4.99	ppb
Arsenic	75-2	203.69	199.26	192.94	198.63	2.72	ppb
Barium	135-1	102.49	101.88	92.91	99.09	5.41	ppb
Barium	137-1	103.17	104.44	94.84	100.82	5.17	ppb
Beryllium	9-1	100.92	98.02	93.57	97.50	3.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	11-1	369.80	425.74	452.84	416.13	10.18	ppb
Boron	10-1	372.40	424.54	453.41	416.78	9.85	ppb
Bromine	81-1						cps
Cadmium	106-1	163.57	139.51	134.78	145.95	10.58	ppb
Cadmium	108-1	143.65	135.31	127.31	135.42	6.03	ppb
Cadmium	111-1	102.50	99.93	93.86	98.77	4.49	ppb
Calcium	43-1	2210.83	2107.83	2053.46	2124.04	3.76	ppb
Calcium	44-1	2119.24	2049.87	1941.26	2036.79	4.40	ppb
Chromium	52-2	101.29	97.03	97.75	98.69	2.31	ppb
Cobalt	59-2	103.36	98.61	97.13	99.70	3.26	ppb
Copper	63-2	106.53	102.05	103.40	104.00	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	54-2	2210.89	2165.21	2179.28	2185.12	1.07	ppb
Iron	56-2	2154.16	2056.24	2086.60	2099.00	2.39	ppb
Iron	57-2	2171.35	2088.33	2127.80	2129.16	1.95	ppb
Krypton	83-1						cps
Lead	207-1	203.05	197.23	193.08	197.79	2.53	ppb
Lead	208-1	212.45	206.47	200.81	206.58	2.82	ppb
Lead	206-1	220.89	214.09	208.80	214.59	2.82	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:48:24	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	1263.85	1250.29	1262.22	1258.79	0.59	ppb
Manganese	55-2	109.48	104.01	104.47	105.99	2.86	ppb
Molybdenum	94-1	2722.88	2673.76	2510.87	2635.84	4.21	ppb
Molybdenum	95-1	2759.35	2658.43	2540.50	2652.76	4.13	ppb
Molybdenum	96-1	2716.45	2684.88	2544.08	2648.47	3.47	ppb
Molybdenum	97-1	2740.88	2700.47	2586.85	2676.07	2.98	ppb
Molybdenum	98-1	2761.85	2636.04	2514.59	2637.49	4.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.35	101.78	100.20	101.45	1.10	ppb
Phosphorus	31-2	-12.43	75.83	-18.44	14.99	352.12	ppb
Potassium	39-2	2172.04	2070.66	2074.53	2105.75	2.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	77-2	226.20	193.38	188.08	202.56	10.20	ppb
Selenium	78-2	186.57	203.69	196.00	195.42	4.39	ppb
Selenium	82-1	210.02	198.70	193.56	200.76	4.19	ppb
Silicon	28-1	482.31	469.49	411.65	454.48	8.28	ppb
Silver	109-1	50.31	49.03	46.49	48.61	4.00	ppb
Silver	107-1	51.02	49.45	47.33	49.27	3.76	ppb
Sodium	23-2	2213.62	2133.59	2178.81	2175.34	1.84	ppb
Strontium	86-1	519.72	506.30	482.17	502.73	3.78	ppb
Strontium	88-1	521.14	504.78	489.77	505.23	3.11	ppb
Sulfur	34-1	775.22	-602.28	-2697.08	-841.38		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	215.27	209.66	204.71	209.88	2.52	ppb
Thallium	205-1	218.39	210.80	208.51	212.57	2.43	ppb
Tin	118-1	527.81	504.29	483.41	505.17	4.40	ppb
Titanium	47-1	2666.14	2631.46	2499.77	2599.12	3.38	ppb
Uranium	238-1	577.14	563.04	551.04	563.74	2.32	ppb
Vanadium	51-2	96.79	92.77	94.97	94.84	2.12	ppb
Yttrium	89-1				98		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:48:24	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	208.51	197.76	199.52	201.93	2.85	ppb
Zirconium	90-1	520.40	500.29	487.83	502.84	3.27	ppb
Zirconium	91-1	524.81	505.27	487.36	505.81	3.70	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:04:33	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.34	24.03	21.85	21.74	10.80	ppb
Antimony	121-1	1.90	1.95	1.77	1.87	5.08	ppb
Arsenic	75-2	1.10	0.77	1.04	0.97	18.18	ppb
Barium	135-1	8.67	9.17	8.84	8.90	2.88	ppb
Barium	137-1	8.79	9.41	9.14	9.11	3.42	ppb
Beryllium	9-1	0.92	0.97	0.93	0.94	3.21	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	11-1	23.38	26.37	27.47	25.74	8.23	ppb
Boron	10-1	24.32	27.42	28.41	26.72	7.98	ppb
Bromine	81-1						cps
Cadmium	106-1	-7.22	-8.35	-7.82	-7.80		ppb
Cadmium	108-1	1.24	0.79	0.54	0.86	41.18	ppb
Cadmium	111-1	0.92	0.85	0.94	0.90	5.24	ppb
Calcium	43-1	439.18	449.30	453.47	447.32	1.64	ppb
Calcium	44-1	419.79	419.05	422.11	420.32	0.38	ppb
Chromium	52-2	1.98	1.87	1.81	1.89	4.48	ppb
Cobalt	59-2	0.87	0.95	0.90	0.91	4.59	ppb
Copper	63-2	2.12	2.28	2.17	2.19	3.78	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				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	50.00	52.21	50.42	50.88	2.30	ppb
Iron	56-2	50.93	50.35	52.39	51.22	2.05	ppb
Iron	57-2	63.76	38.36	49.41	50.51	25.21	ppb
Krypton	83-1						cps
Lead	207-1	0.83	0.82	0.88	0.84	3.75	ppb
Lead	208-1	0.89	0.87	0.90	0.88	1.60	ppb
Lead	206-1	0.96	0.92	0.98	0.95	2.91	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:04:33	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	528.07	500.82	507.12	512.00	2.79	ppb
Manganese	55-2	1.04	0.89	0.84	0.93	11.42	ppb
Molybdenum	94-1	4.43	4.93	4.49	4.62	5.87	ppb
Molybdenum	95-1	4.51	4.66	4.33	4.50	3.69	ppb
Molybdenum	96-1	4.61	4.50	4.41	4.51	2.14	ppb
Molybdenum	97-1	4.38	4.88	4.68	4.65	5.37	ppb
Molybdenum	98-1	4.30	4.59	4.43	4.44	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.06	0.99	1.05	1.03	3.89	ppb
Phosphorus	31-2	67.00	-16.02	22.15	24.38	170.47	ppb
Potassium	39-2	525.04	514.82	504.11	514.65	2.03	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	11.09	17.73	11.13	13.32	28.70	ppb
Selenium	78-2	1.41	3.79	2.84	2.68	44.61	ppb
Selenium	82-1	4.27	5.97	6.07	5.44	18.59	ppb
Silicon	28-1	14.60	8.92	12.36	11.96	23.92	ppb
Silver	109-1	0.94	0.92	0.98	0.95	3.29	ppb
Silver	107-1	1.00	1.01	0.91	0.97	5.52	ppb
Sodium	23-2	553.08	551.01	532.83	545.64	2.04	ppb
Strontium	86-1	0.78	1.03	0.59	0.80	27.76	ppb
Strontium	88-1	0.85	0.94	0.86	0.88	5.83	ppb
Sulfur	34-1	-387.67	-693.29	-23.58	-368.18		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.01	0.95	0.94	0.97	3.77	ppb
Thallium	205-1	0.91	0.88	0.91	0.90	2.28	ppb
Tin	118-1	4.41	4.46	4.58	4.48	2.03	ppb
Titanium	47-1	4.42	4.11	4.74	4.43	7.11	ppb
Uranium	238-1	0.86	0.90	0.81	0.86	5.53	ppb
Vanadium	51-2	4.74	4.78	4.87	4.80	1.45	ppb
Yttrium	89-1				100		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:04:33	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				100		%
Zinc	66-2	2.37	1.99	2.23	2.20	8.90	ppb
Zirconium	90-1	0.91	0.92	0.87	0.90	3.03	ppb
Zirconium	91-1	0.96	0.92	1.03	0.97	5.95	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:10:31 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.31	-1.05	2.49	0.04	5181.39	ppb
Antimony	121-1	0.00	0.01	0.01	0.00	126.16	ppb
Arsenic	75-2	-0.04	-0.01	-0.01	-0.02		ppb
Barium	135-1	-0.03	0.01	-0.04	-0.02		ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	-0.01	0.03	0.01	0.01	232.21	ppb
Bismuth	209-1				99		%
Bismuth	209-2				105		%
Boron	11-1	5.95	5.79	6.58	6.11	6.84	ppb
Boron	10-1	4.70	6.45	5.73	5.63	15.66	ppb
Bromine	81-1						cps
Cadmium	106-1	-11.05	-12.21	-9.00	-10.75		ppb
Cadmium	108-1	-0.28	-0.03	-0.20	-0.17		ppb
Cadmium	111-1	-0.11	-0.15	-0.09	-0.11		ppb
Calcium	43-1	-4.52	-9.63	-10.43	-8.19		ppb
Calcium	44-1	-51.23	-53.95	-51.54	-52.24		ppb
Chromium	52-2	0.02	-0.09	-0.03	-0.03		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.05	-0.02	-0.07	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	54-2	-1.13	1.19	4.88	1.65	183.79	ppb
Iron	56-2	0.58	0.85	0.39	0.61	38.10	ppb
Iron	57-2	3.72	-1.90	2.46	1.43	206.98	ppb
Krypton	83-1						cps
Lead	207-1	0.03	0.05	-0.04	0.02	304.77	ppb
Lead	208-1	0.04	0.06	0.04	0.05	24.12	ppb
Lead	206-1	0.08	0.03	0.07	0.06	43.84	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:10:31 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	2.66	2.29	0.84	1.93	49.96	ppb
Manganese	55-2	0.04	0.04	0.03	0.04	22.66	ppb
Molybdenum	94-1	-0.02	-0.04	-0.04	-0.03		ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.00	-0.01	0.01	0.00		ppb
Molybdenum	97-1	0.01	0.06	0.01	0.02	122.13	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.01	46.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.05	0.06	-0.01		ppb
Phosphorus	31-2	-26.38	41.99	-22.63	-2.34		ppb
Potassium	39-2	11.44	-1.69	18.27	9.34	108.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	0.00	2.17	2.20	1.46	86.61	ppb
Selenium	78-2	-1.15	-0.32	0.38	-0.37		ppb
Selenium	82-1	-0.43	0.03	-0.23	-0.21		ppb
Silicon	28-1	-7.65	-10.72	-1.67	-6.68		ppb
Silver	109-1	0.00	-0.01	0.00	0.00		ppb
Silver	107-1	-0.01	0.00	0.00	0.00		ppb
Sodium	23-2	29.57	34.79	31.83	32.06	8.17	ppb
Strontium	86-1	-0.05	0.06	0.03	0.01	415.06	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	316.76	ppb
Sulfur	34-1	-1019.74	-583.28	-359.82	-654.28		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.01	0.00	0.00	366.21	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	31.68	ppb
Tin	118-1	0.02	0.02	0.06	0.03	73.66	ppb
Titanium	47-1	0.10	-0.01	-0.31	-0.07		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	173.04	ppb
Vanadium	51-2	0.02	0.02	0.01	0.02	24.78	ppb
Yttrium	89-1				98		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:10:31	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	0.02	-0.03	-0.05	-0.02		ppb
Zirconium	90-1	0.01	-0.01	-0.01	0.00		ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	276.79	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:13:21 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97678.89	96169.88	97164.49	97004.42	0.79	ppb
Antimony	121-1	1.13	1.04	1.07	1.08	3.94	ppb
Arsenic	75-2	0.23	0.33	0.19	0.25	28.83	ppb
Barium	135-1	1.53	1.15	1.24	1.30	15.32	ppb
Barium	137-1	1.37	1.12	1.34	1.28	10.66	ppb
Beryllium	9-1	0.22	0.28	0.27	0.25	13.20	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	11-1	6.32	6.22	6.84	6.46	5.19	ppb
Boron	10-1	6.32	6.34	5.92	6.20	3.88	ppb
Bromine	81-1						cps
Cadmium	106-1	-11.56	-8.13	-9.78	-9.82		ppb
Cadmium	108-1	7.54	7.78	10.13	8.48	16.83	ppb
Cadmium	111-1	0.27	0.18	0.21	0.22	21.67	ppb
Calcium	43-1	93500.91	95589.23	91887.74	93659.29	1.98	ppb
Calcium	44-1	95932.25	95522.60	92613.31	94689.39	1.91	ppb
Chromium	52-2	19.22	18.17	18.98	18.79	2.93	ppb
Cobalt	59-2	1.03	1.03	1.17	1.08	7.63	ppb
Copper	63-2	7.78	7.74	7.34	7.62	3.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	103983.83	100682.33	101246.13	101970.76	1.73	ppb
Iron	56-2	104117.43	100412.13	100058.63	101529.39	2.21	ppb
Iron	57-2	105345.40	104117.36	102379.50	103947.42	1.43	ppb
Krypton	83-1						cps
Lead	207-1	3.40	3.85	3.74	3.66	6.45	ppb
Lead	208-1	3.91	3.91	3.88	3.90	0.44	ppb
Lead	206-1	4.33	4.29	4.10	4.24	2.93	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:13:21	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	100359.02	97629.10	98127.79	98705.31	1.47	ppb
Manganese	55-2	7.27	6.93	7.08	7.09	2.38	ppb
Molybdenum	94-1	1298.05	1310.26	1270.29	1292.87	1.58	ppb
Molybdenum	95-1	1854.80	1842.09	1782.82	1826.57	2.10	ppb
Molybdenum	96-1	1790.27	1753.26	1683.21	1742.25	3.12	ppb
Molybdenum	97-1	1866.22	1818.65	1790.88	1825.25	2.09	ppb
Molybdenum	98-1	1881.56	1819.51	1793.97	1831.68	2.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.90	5.32	5.43	5.22	5.40	ppb
Phosphorus	31-2	91504.36	89917.72	90525.64	90649.24	0.88	ppb
Potassium	39-2	102106.21	98617.15	98469.18	99730.85	2.06	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	2.22	0.00	0.00	0.74	173.21	ppb
Selenium	78-2	1.42	-1.87	0.01	-0.15		ppb
Selenium	82-1	-0.57	-0.15	0.11	-0.20		ppb
Silicon	28-1	42.05	49.58	25.37	39.00	31.77	ppb
Silver	109-1	0.01	0.01	0.02	0.01	21.38	ppb
Silver	107-1	0.00	0.03	0.03	0.02	101.05	ppb
Sodium	23-2	103952.21	100413.65	100506.84	101624.23	1.98	ppb
Strontium	86-1	31.77	31.35	31.75	31.62	0.76	ppb
Strontium	88-1	32.49	32.50	32.01	32.33	0.86	ppb
Sulfur	34-1	69626.63	70003.58	63883.71	67837.97	5.06	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	0.07	0.11	0.09	0.09	19.02	ppb
Thallium	205-1	0.09	0.12	0.10	0.10	11.44	ppb
Tin	118-1	0.26	0.45	0.40	0.37	27.39	ppb
Titanium	47-1	1873.48	1877.41	1811.09	1853.99	2.01	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	27.18	ppb
Vanadium	51-2	0.16	0.14	0.15	0.15	8.01	ppb
Yttrium	89-1				101		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:13:21	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	11.96	11.12	11.09	11.39	4.33	ppb
Zirconium	90-1	0.01	0.02	0.00	0.01	84.49	ppb
Zirconium	91-1	0.05	0.02	0.03	0.03	37.60	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:16:12	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94613.02	94744.40	97253.39	95536.94	1.56	ppb
Antimony	121-1	19.83	20.70	19.74	20.09	2.63	ppb
Arsenic	75-2	19.63	19.45	18.24	19.11	3.97	ppb
Barium	135-1	21.45	20.13	18.98	20.19	6.11	ppb
Barium	137-1	20.54	21.32	20.21	20.69	2.77	ppb
Beryllium	9-1	18.30	19.13	18.39	18.61	2.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	11-1	58.84	66.02	66.75	63.87	6.85	ppb
Boron	10-1	56.30	65.79	66.07	62.72	8.87	ppb
Bromine	81-1						cps
Cadmium	106-1	12.72	10.61	15.58	12.97	19.23	ppb
Cadmium	108-1	28.84	29.06	28.09	28.66	1.78	ppb
Cadmium	111-1	18.57	19.29	18.71	18.86	2.03	ppb
Calcium	43-1	91396.61	95047.11	93532.17	93325.29	1.97	ppb
Calcium	44-1	91853.00	95442.59	94323.20	93872.93	1.96	ppb
Chromium	52-2	36.25	36.11	36.28	36.21	0.26	ppb
Cobalt	59-2	19.33	20.18	19.71	19.74	2.17	ppb
Copper	63-2	27.09	27.48	26.68	27.08	1.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	100670.88	100802.29	100117.90	100530.36	0.36	ppb
Iron	56-2	99957.96	98537.52	99639.44	99378.31	0.75	ppb
Iron	57-2	102486.81	102294.49	101621.66	102134.32	0.44	ppb
Krypton	83-1						cps
Lead	207-1	20.21	21.39	19.99	20.53	3.66	ppb
Lead	208-1	21.07	22.12	21.15	21.45	2.72	ppb
Lead	206-1	22.55	23.25	22.38	22.73	2.03	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:16:12	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	96208.62	95463.12	96148.30	95940.02	0.43	ppb
Manganese	55-2	24.75	25.32	25.39	25.15	1.40	ppb
Molybdenum	94-1	1390.24	1409.32	1379.91	1393.16	1.07	ppb
Molybdenum	95-1	1880.92	1920.07	1844.96	1881.98	2.00	ppb
Molybdenum	96-1	1826.45	1822.98	1792.09	1813.84	1.04	ppb
Molybdenum	97-1	1876.81	1910.39	1836.95	1874.72	1.96	ppb
Molybdenum	98-1	1888.18	1896.68	1870.14	1885.00	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.01	23.20	23.68	23.30	1.49	ppb
Phosphorus	31-2	87335.20	88230.47	87557.19	87707.62	0.53	ppb
Potassium	39-2	97806.31	98166.53	96745.75	97572.86	0.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	19.40	19.53	23.15	20.69	10.29	ppb
Selenium	78-2	21.44	15.80	18.88	18.71	15.08	ppb
Selenium	82-1	17.29	17.33	18.56	17.72	4.07	ppb
Silicon	28-1	95.70	118.00	103.10	105.60	10.76	ppb
Silver	109-1	18.60	18.84	17.77	18.40	3.07	ppb
Silver	107-1	18.63	18.45	17.92	18.33	2.00	ppb
Sodium	23-2	97294.85	98337.49	98737.07	98123.14	0.76	ppb
Strontium	86-1	85.57	84.74	85.05	85.12	0.50	ppb
Strontium	88-1	85.53	87.38	84.97	85.96	1.47	ppb
Sulfur	34-1	62722.98	65267.26	62732.68	63574.31	2.31	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	19.39	19.97	18.94	19.44	2.66	ppb
Thallium	205-1	19.06	20.10	18.99	19.38	3.21	ppb
Tin	118-1	51.96	53.56	50.67	52.07	2.78	ppb
Titanium	47-1	1872.64	1944.74	1908.95	1908.78	1.89	ppb
Uranium	238-1	52.51	55.33	51.68	53.17	3.60	ppb
Vanadium	51-2	18.66	17.90	18.58	18.38	2.27	ppb
Yttrium	89-1				101		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:16:12	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	29.11	30.56	31.06	30.25	3.35	ppb
Zirconium	90-1	53.16	54.18	53.10	53.48	1.13	ppb
Zirconium	91-1	52.73	53.02	52.80	52.85	0.28	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:19:00	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50472.28	50697.10	49847.56	50338.98	0.87	ppb
Antimony	121-1	472.82	485.13	490.42	482.79	1.87	ppb
Arsenic	75-2	480.89	476.63	481.57	479.70	0.56	ppb
Barium	135-1	2359.07	2452.39	2438.87	2416.78	2.09	ppb
Barium	137-1	2443.36	2520.88	2495.36	2486.53	1.59	ppb
Beryllium	9-1	466.17	477.58	463.67	469.14	1.58	ppb
Bismuth	209-1				99		%
Bismuth	209-2				104		%
Boron	11-1	387.09	450.98	477.43	438.50	10.59	ppb
Boron	10-1	391.00	440.32	478.82	436.71	10.08	ppb
Bromine	81-1						cps
Cadmium	106-1	459.86	472.76	472.38	468.33	1.57	ppb
Cadmium	108-1	463.04	490.52	490.45	481.33	3.29	ppb
Cadmium	111-1	462.05	481.05	478.55	473.88	2.18	ppb
Calcium	43-1	234423.59	248929.90	237863.94	240405.81	3.15	ppb
Calcium	44-1	230331.83	248050.59	241303.38	239895.27	3.73	ppb
Chromium	52-2	481.93	484.38	477.51	481.27	0.72	ppb
Cobalt	59-2	475.47	478.13	473.00	475.54	0.54	ppb
Copper	63-2	4729.78	4772.28	4727.06	4743.04	0.53	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				103		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	125118.33	128026.96	125620.81	126255.37	1.23	ppb
Iron	56-2	123415.30	123889.97	122225.54	123176.94	0.70	ppb
Iron	57-2	125143.61	126660.08	124705.08	125502.93	0.82	ppb
Krypton	83-1						cps
Lead	207-1	2421.85	2552.94	2442.79	2472.52	2.85	ppb
Lead	208-1	2415.54	2520.48	2448.64	2461.55	2.18	ppb
Lead	206-1	2433.07	2545.06	2503.13	2493.75	2.27	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:19:00	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	252522.81	256248.11	249824.43	252865.12	1.28	ppb
Manganese	55-2	4879.19	4930.97	4975.13	4928.43	0.97	ppb
Molybdenum	94-1	2424.33	2541.00	2439.18	2468.17	2.57	ppb
Molybdenum	95-1	2414.64	2513.05	2420.16	2449.28	2.26	ppb
Molybdenum	96-1	2401.21	2560.82	2395.51	2452.51	3.83	ppb
Molybdenum	97-1	2462.97	2580.06	2413.26	2485.43	3.45	ppb
Molybdenum	98-1	2463.94	2562.34	2435.92	2487.40	2.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.47	473.55	474.03	473.68	0.06	ppb
Phosphorus	31-2	9183.38	9714.17	9918.43	9605.33	3.95	ppb
Potassium	39-2	129531.66	131466.60	127377.26	129458.51	1.58	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	472.92	462.89	495.95	477.25	3.55	ppb
Selenium	78-2	482.89	480.29	459.10	474.10	2.75	ppb
Selenium	82-1	471.43	494.63	479.57	481.88	2.44	ppb
Silicon	28-1	568.61	673.07	716.01	652.56	11.62	ppb
Silver	109-1	467.70	493.22	475.59	478.84	2.73	ppb
Silver	107-1	469.30	485.45	482.54	479.10	1.80	ppb
Sodium	23-2	251645.21	253521.42	253556.66	252907.76	0.43	ppb
Strontium	86-1	480.93	504.25	480.13	488.44	2.81	ppb
Strontium	88-1	478.79	504.33	480.66	487.92	2.92	ppb
Sulfur	34-1	4098.14	6017.37	5587.97	5234.49	19.24	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	486.39	507.33	491.75	495.16	2.20	ppb
Thallium	205-1	489.51	510.53	499.06	499.70	2.11	ppb
Tin	118-1	475.42	488.88	485.66	483.32	1.45	ppb
Titanium	47-1	2353.45	2485.50	2431.94	2423.63	2.74	ppb
Uranium	238-1	489.27	518.82	493.73	500.61	3.18	ppb
Vanadium	51-2	476.49	483.76	478.04	479.43	0.80	ppb
Yttrium	89-1				100		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:19:00	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	4789.46	4837.03	4752.37	4792.95	0.89	ppb
Zirconium	90-1	475.26	508.94	488.37	490.86	3.46	ppb
Zirconium	91-1	475.60	503.80	487.79	489.06	2.89	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:26:15 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.31	-0.36	1.08	0.14	591.83	ppb
Antimony	121-1	0.01	0.00	0.01	0.01	54.71	ppb
Arsenic	75-2	-0.03	-0.02	-0.04	-0.03		ppb
Barium	135-1	-0.02	-0.02	-0.01	-0.02		ppb
Barium	137-1	0.02	0.00	0.01	0.01	71.61	ppb
Beryllium	9-1	0.02	0.04	0.09	0.05	78.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				104		%
Boron	11-1	14.01	14.16	14.95	14.37	3.54	ppb
Boron	10-1	14.76	12.62	14.32	13.90	8.14	ppb
Bromine	81-1						cps
Cadmium	106-1	-11.79	-9.03	-11.32	-10.71		ppb
Cadmium	108-1	0.12	-0.20	-0.09	-0.06		ppb
Cadmium	111-1	-0.14	-0.10	-0.13	-0.13		ppb
Calcium	43-1	-7.36	-4.01	-8.20	-6.52		ppb
Calcium	44-1	-45.34	-49.05	-28.14	-40.84		ppb
Chromium	52-2	-0.06	0.03	-0.09	-0.04		ppb
Cobalt	59-2	-0.02	0.02	0.00	0.00		ppb
Copper	63-2	0.33	0.33	0.23	0.29	20.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				105		%
Indium	115-1				96		%
Indium	115-2				104		%
Iron	54-2	1.85	1.24	1.69	1.59	19.88	ppb
Iron	56-2	1.45	1.20	1.26	1.30	9.86	ppb
Iron	57-2	4.66	0.86	-1.61	1.30	242.39	ppb
Krypton	83-1						cps
Lead	207-1	0.06	0.07	0.20	0.11	68.67	ppb
Lead	208-1	0.13	0.08	0.13	0.11	21.57	ppb
Lead	206-1	0.17	0.07	0.18	0.14	43.59	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:26:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	0.36	1.76	0.45	0.86	91.40	ppb
Manganese	55-2	0.00	0.04	0.02	0.02	93.49	ppb
Molybdenum	94-1	0.07	0.00	0.01	0.03	128.72	ppb
Molybdenum	95-1	0.09	0.08	0.02	0.06	53.06	ppb
Molybdenum	96-1	0.05	0.05	0.05	0.05	8.97	ppb
Molybdenum	97-1	0.12	0.09	0.12	0.11	14.88	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	12.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.09	-0.14	-0.02		ppb
Phosphorus	31-2	48.31	50.21	9.78	36.10	63.19	ppb
Potassium	39-2	46.68	25.08	16.02	29.26	53.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				95		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	-3.42	-2.01	-1.79		ppb
Selenium	82-1	0.26	-0.46	1.07	0.29	263.02	ppb
Silicon	28-1	-1.35	5.15	60.77	21.52	158.64	ppb
Silver	109-1	0.00	0.00	0.02	0.01	210.38	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.62	ppb
Sodium	23-2	82.10	96.57	76.28	84.98	12.29	ppb
Strontium	86-1	0.08	0.00	0.15	0.08	93.85	ppb
Strontium	88-1	-0.01	0.00	-0.01	0.00		ppb
Sulfur	34-1	-2633.96	-2261.52	1600.51	-1098.32		ppb
Terbium	159-1				99		%
Terbium	159-2				106		%
Thallium	203-1	0.09	0.05	0.09	0.08	29.98	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	12.30	ppb
Tin	118-1	0.00	0.03	0.03	0.02	72.11	ppb
Titanium	47-1	-0.05	-0.17	0.18	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	67.73	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	38.72	ppb
Yttrium	89-1				97		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:26:15	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				103		%
Zinc	66-2	-0.17	0.26	0.04	0.04	481.82	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.01	0.00	0.06	0.02	114.67	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:36:22	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.45	17.64	24.43	21.51	16.23	ppb
Antimony	121-1	1.90	1.84	1.91	1.88	1.93	ppb
Arsenic	75-2	1.02	0.95	1.10	1.03	7.08	ppb
Barium	135-1	9.36	9.12	9.12	9.20	1.54	ppb
Barium	137-1	8.97	8.76	9.19	8.97	2.37	ppb
Beryllium	9-1	0.88	0.96	0.96	0.93	4.98	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	11-1	21.49	24.05	28.33	24.63	14.03	ppb
Boron	10-1	18.54	24.69	25.77	23.00	16.95	ppb
Bromine	81-1						cps
Cadmium	106-1	-12.30	-9.26	-8.69	-10.08		ppb
Cadmium	108-1	0.70	0.29	1.68	0.89	80.69	ppb
Cadmium	111-1	0.77	1.05	0.91	0.91	15.43	ppb
Calcium	43-1	459.18	450.74	454.10	454.67	0.93	ppb
Calcium	44-1	431.02	406.26	408.51	415.26	3.30	ppb
Chromium	52-2	1.86	1.78	1.72	1.79	3.93	ppb
Cobalt	59-2	0.85	0.94	0.98	0.92	6.92	ppb
Copper	63-2	2.23	2.10	2.12	2.15	3.22	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				105		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	54-2	53.43	48.04	57.96	53.15	9.34	ppb
Iron	56-2	51.30	50.73	52.20	51.41	1.44	ppb
Iron	57-2	53.11	50.21	47.51	50.28	5.57	ppb
Krypton	83-1						cps
Lead	207-1	0.89	0.91	0.87	0.89	2.56	ppb
Lead	208-1	0.99	0.94	0.94	0.96	2.60	ppb
Lead	206-1	1.08	1.03	0.95	1.02	6.29	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:36:22	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	515.24	486.71	541.54	514.50	5.33	ppb
Manganese	55-2	1.06	0.73	0.99	0.93	18.90	ppb
Molybdenum	94-1	4.83	4.28	4.51	4.54	6.16	ppb
Molybdenum	95-1	4.69	5.03	4.64	4.79	4.45	ppb
Molybdenum	96-1	4.42	4.56	4.80	4.59	4.22	ppb
Molybdenum	97-1	4.28	4.73	4.99	4.67	7.67	ppb
Molybdenum	98-1	4.55	4.69	4.81	4.68	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.78	0.96	0.98	0.91	12.46	ppb
Phosphorus	31-2	3.74	1.19	21.15	8.69	124.96	ppb
Potassium	39-2	490.94	494.28	547.37	510.86	6.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	15.00	4.25	8.62	9.29	58.24	ppb
Selenium	78-2	5.93	3.53	3.11	4.19	36.41	ppb
Selenium	82-1	4.39	5.47	4.92	4.93	10.98	ppb
Silicon	28-1	26.93	0.84	-0.29	9.16	168.11	ppb
Silver	109-1	0.97	0.96	0.89	0.94	4.55	ppb
Silver	107-1	0.91	0.96	0.89	0.92	4.22	ppb
Sodium	23-2	562.70	560.15	580.25	567.70	1.93	ppb
Strontium	86-1	0.73	0.94	0.96	0.87	14.25	ppb
Strontium	88-1	0.92	0.91	0.88	0.91	2.55	ppb
Sulfur	34-1	-1249.38	-3406.14	-2914.89	-2523.47		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.96	0.98	0.93	0.96	2.51	ppb
Thallium	205-1	0.91	1.00	0.98	0.96	4.92	ppb
Tin	118-1	4.66	4.41	4.41	4.49	3.15	ppb
Titanium	47-1	4.69	4.86	4.46	4.67	4.33	ppb
Uranium	238-1	0.87	0.88	0.87	0.87	0.45	ppb
Vanadium	51-2	4.77	4.43	4.34	4.51	5.05	ppb
Yttrium	89-1				100		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:36:22	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	1.90	1.98	2.30	2.06	10.29	ppb
Zirconium	90-1	0.92	0.85	0.99	0.92	7.66	ppb
Zirconium	91-1	0.84	0.84	0.87	0.85	2.45	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BL	Instrumnet Name :	P8
Client Sample ID :	PB132266BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:43:02	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.58	-0.39	0.87	0.35	186.31	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	34.26	ppb
Arsenic	75-2	-0.04	-0.01	-0.03	-0.02		ppb
Barium	135-1	-0.04	0.04	-0.03	-0.01		ppb
Barium	137-1	0.00	0.00	0.03	0.01	188.52	ppb
Beryllium	9-1	0.03	0.04	0.01	0.03	52.72	ppb
Bismuth	209-1				97		%
Bismuth	209-2				106		%
Boron	11-1	4.13	4.52	4.57	4.41	5.41	ppb
Boron	10-1	4.71	3.60	3.66	3.99	15.69	ppb
Bromine	81-1						cps
Cadmium	106-1	-9.33	-13.80	-14.73	-12.62		ppb
Cadmium	108-1	-0.20	-0.28	-0.12	-0.20		ppb
Cadmium	111-1	-0.11	-0.15	-0.17	-0.14		ppb
Calcium	43-1	-5.21	-5.50	-10.24	-6.98		ppb
Calcium	44-1	-60.65	-47.27	-60.61	-56.17		ppb
Chromium	52-2	0.19	0.00	0.07	0.09	107.26	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.06	0.07	0.01	0.01	700.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				105		%
Indium	115-1				97		%
Indium	115-2				104		%
Iron	54-2	1.87	-0.92	0.10	0.35	404.75	ppb
Iron	56-2	0.41	0.82	0.72	0.65	33.01	ppb
Iron	57-2	3.58	0.07	2.20	1.95	90.91	ppb
Krypton	83-1						cps
Lead	207-1	0.02	0.16	0.05	0.07	103.92	ppb
Lead	208-1	0.06	0.10	0.10	0.08	26.98	ppb
Lead	206-1	0.07	0.08	0.13	0.09	37.46	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BL	Instrumnet Name :	P8
Client Sample ID :	PB132266BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:43:02	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				97		%
Magnesium	24-2	0.35	-0.16	0.07	0.09	294.11	ppb
Manganese	55-2	0.08	0.03	0.00	0.03	119.76	ppb
Molybdenum	94-1	-0.02	0.01	0.00	0.00	8551.88	ppb
Molybdenum	95-1	0.03	0.00	0.03	0.02	97.65	ppb
Molybdenum	96-1	-0.01	0.00	0.02	0.00	582.01	ppb
Molybdenum	97-1	0.01	0.04	0.02	0.02	82.99	ppb
Molybdenum	98-1	0.01	0.01	0.04	0.02	85.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.07	-0.07	-0.07		ppb
Phosphorus	31-2	28.52	13.31	-4.87	12.32	135.66	ppb
Potassium	39-2	8.93	37.46	4.58	16.99	105.11	ppb
Rhodium	103-1				97		%
Rhodium	103-2				105		%
Scandium	45-1				96		%
Scandium	45-2				101		%
Selenium	77-2	2.10	2.14	0.00	1.41	86.61	ppb
Selenium	78-2	0.05	0.95	1.34	0.78	85.46	ppb
Selenium	82-1	-1.56	-0.45	-0.63	-0.88		ppb
Silicon	28-1	-2.53	41.66	-5.74	11.13	238.01	ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Silver	107-1	0.01	-0.01	0.00	0.00		ppb
Sodium	23-2	41.77	53.13	50.78	48.56	12.36	ppb
Strontium	86-1	-0.06	0.15	0.10	0.06	182.21	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	209.78	ppb
Sulfur	34-1	-2108.52	519.52	-2200.44	-1263.14		ppb
Terbium	159-1				98		%
Terbium	159-2				106		%
Thallium	203-1	0.02	0.06	0.03	0.03	62.36	ppb
Thallium	205-1	0.02	0.04	0.01	0.02	53.98	ppb
Tin	118-1	0.03	0.05	0.06	0.04	34.51	ppb
Titanium	47-1	0.05	0.01	0.05	0.04	71.47	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	108.26	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	26.06	ppb
Yttrium	89-1				97		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BL	Instrumnet Name :	P8
Client Sample ID :	PB132266BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:43:02	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				105		%
Zinc	66-2	0.02	-0.38	-0.20	-0.18		ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	37.99	ppb
Zirconium	91-1	-0.02	0.02	0.04	0.01	212.04	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BS	Instrumnet Name :	P8
Client Sample ID :	PB132266BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:45:52	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10162.43	10438.16	10440.29	10346.96	1.54	ppb
Antimony	121-1	477.66	472.39	479.92	476.66	0.81	ppb
Arsenic	75-2	489.06	488.53	487.27	488.29	0.19	ppb
Barium	135-1	2396.86	2375.05	2406.10	2392.67	0.67	ppb
Barium	137-1	2447.50	2392.43	2470.97	2436.97	1.65	ppb
Beryllium	9-1	474.69	478.60	486.11	479.80	1.21	ppb
Bismuth	209-1				100		%
Bismuth	209-2				106		%
Boron	11-1	346.03	401.22	456.39	401.21	13.75	ppb
Boron	10-1	345.22	393.06	456.91	398.40	14.06	ppb
Bromine	81-1						cps
Cadmium	106-1	469.40	472.63	471.83	471.29	0.36	ppb
Cadmium	108-1	477.90	463.53	477.60	473.01	1.74	ppb
Cadmium	111-1	478.54	471.01	485.12	478.22	1.48	ppb
Calcium	43-1	48576.74	48045.29	49436.64	48686.23	1.44	ppb
Calcium	44-1	49067.95	48590.14	49364.87	49007.66	0.80	ppb
Chromium	52-2	477.08	479.81	488.46	481.78	1.23	ppb
Cobalt	59-2	476.78	481.20	486.34	481.44	0.99	ppb
Copper	63-2	4815.55	4836.29	4863.48	4838.44	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	54-2	26144.89	27033.80	27232.62	26803.77	2.16	ppb
Iron	56-2	26370.18	26507.33	26473.95	26450.49	0.27	ppb
Iron	57-2	26352.13	26237.83	26718.92	26436.29	0.95	ppb
Krypton	83-1						cps
Lead	207-1	2397.45	2416.90	2526.93	2447.09	2.85	ppb
Lead	208-1	2411.90	2418.54	2488.14	2439.53	1.73	ppb
Lead	206-1	2460.77	2418.66	2523.90	2467.78	2.15	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BS	Instrumnet Name :	P8
Client Sample ID :	PB132266BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:45:52	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				100		%
Magnesium	24-2	52099.52	52982.52	53567.58	52883.20	1.40	ppb
Manganese	55-2	4943.49	4985.18	5079.47	5002.71	1.39	ppb
Molybdenum	94-1	2460.63	2479.24	2488.48	2476.11	0.57	ppb
Molybdenum	95-1	2441.97	2402.81	2477.81	2440.87	1.54	ppb
Molybdenum	96-1	2438.23	2392.69	2419.37	2416.76	0.95	ppb
Molybdenum	97-1	2428.08	2456.92	2461.94	2448.98	0.75	ppb
Molybdenum	98-1	2415.87	2436.47	2465.04	2439.13	1.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.82	485.26	484.12	481.40	1.19	ppb
Phosphorus	31-2	9506.07	9671.38	9847.79	9675.08	1.77	ppb
Potassium	39-2	26625.80	27022.69	27262.08	26970.19	1.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	485.84	508.90	474.92	489.89	3.54	ppb
Selenium	78-2	479.86	479.24	474.52	477.87	0.61	ppb
Selenium	82-1	472.88	486.54	491.87	483.76	2.03	ppb
Silicon	28-1	553.24	622.21	709.34	628.26	12.45	ppb
Silver	109-1	489.97	481.88	488.30	486.72	0.88	ppb
Silver	107-1	491.95	480.71	486.36	486.34	1.16	ppb
Sodium	23-2	51548.82	51453.28	52200.43	51734.18	0.79	ppb
Strontium	86-1	480.01	481.43	484.83	482.09	0.51	ppb
Strontium	88-1	481.34	486.81	480.44	482.86	0.71	ppb
Sulfur	34-1	7315.57	5735.89	7191.23	6747.57	13.02	ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	487.98	486.47	503.22	492.56	1.88	ppb
Thallium	205-1	498.20	486.96	506.33	497.16	1.96	ppb
Tin	118-1	480.32	478.92	484.30	481.18	0.58	ppb
Titanium	47-1	2421.62	2401.10	2434.81	2419.18	0.70	ppb
Uranium	238-1	479.55	482.65	493.89	485.36	1.55	ppb
Vanadium	51-2	478.02	477.25	487.13	480.80	1.14	ppb
Yttrium	89-1				101		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BS	Instrumnet Name :	P8
Client Sample ID :	PB132266BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:45:52	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				106		%
Zinc	66-2	4746.75	4886.00	4899.70	4844.15	1.75	ppb
Zirconium	90-1	479.11	479.68	485.68	481.49	0.76	ppb
Zirconium	91-1	481.85	484.18	493.03	486.35	1.21	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01 Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUID Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:48:42 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6805.29	6856.07	6916.45	6859.27	0.81	ppb
Antimony	121-1	2.91	2.66	2.65	2.74	5.39	ppb
Arsenic	75-2	3.03	3.03	3.32	3.13	5.38	ppb
Barium	135-1	81.81	78.63	75.24	78.56	4.18	ppb
Barium	137-1	82.98	79.06	78.65	80.23	2.98	ppb
Beryllium	9-1	0.34	0.30	0.37	0.34	10.78	ppb
Bismuth	209-1				109		%
Bismuth	209-2				115		%
Boron	11-1	3143.30	3489.97	3950.59	3527.96	11.48	ppb
Boron	10-1	3117.65	3442.44	3881.26	3480.45	11.01	ppb
Bromine	81-1						cps
Cadmium	106-1	40.80	39.13	39.20	39.71	2.38	ppb
Cadmium	108-1	51.40	48.44	48.33	49.39	3.53	ppb
Cadmium	111-1	54.34	50.68	52.08	52.37	3.52	ppb
Calcium	43-1	60196.63	58169.07	59037.52	59134.40	1.72	ppb
Calcium	44-1	62234.74	58037.15	59066.68	59779.52	3.66	ppb
Chromium	52-2	8.69	8.71	9.37	8.92	4.33	ppb
Cobalt	59-2	2.08	1.98	2.01	2.03	2.60	ppb
Copper	63-2	536.80	543.60	540.95	540.45	0.63	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				116		%
Indium	115-1				108		%
Indium	115-2				114		%
Iron	54-2	35558.74	35022.46	35441.52	35340.91	0.80	ppb
Iron	56-2	35183.18	35714.06	35182.05	35359.76	0.87	ppb
Iron	57-2	34993.32	35536.89	35079.25	35203.15	0.83	ppb
Krypton	83-1						cps
Lead	207-1	1111.51	1042.47	1094.46	1082.81	3.32	ppb
Lead	208-1	1141.90	1075.99	1119.31	1112.40	3.01	ppb
Lead	206-1	1194.74	1127.90	1149.42	1157.35	2.95	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUID	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:48:42	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	3402.70	3453.81	3355.39	3403.97	1.45	ppb
Manganese	55-2	175.73	174.90	176.23	175.62	0.38	ppb
Molybdenum	94-1	10.02	9.28	9.47	9.59	3.97	ppb
Molybdenum	95-1	2.40	2.29	2.11	2.27	6.43	ppb
Molybdenum	96-1	3.29	3.06	3.30	3.22	4.12	ppb
Molybdenum	97-1	2.39	2.42	2.13	2.31	6.78	ppb
Molybdenum	98-1	2.32	2.28	2.28	2.29	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.12	10.84	10.36	10.77	3.55	ppb
Phosphorus	31-2	204.15	300.22	216.12	240.16	21.80	ppb
Potassium	39-2	5803.44	5777.44	5919.67	5833.52	1.30	ppb
Rhodium	103-1				109		%
Rhodium	103-2				113		%
Scandium	45-1				108		%
Scandium	45-2				111		%
Selenium	77-2	3.83	1.94	1.95	2.57	42.28	ppb
Selenium	78-2	0.27	-0.15	-0.44	-0.11		ppb
Selenium	82-1	0.54	2.63	0.26	1.14	113.45	ppb
Silicon	28-1	15095.66	14600.54	14636.47	14777.55	1.87	ppb
Silver	109-1	0.30	0.35	0.33	0.33	8.32	ppb
Silver	107-1	0.34	0.33	0.31	0.33	4.82	ppb
Sodium	23-2	31879.28	32818.72	32210.51	32302.84	1.48	ppb
Strontium	86-1	253.16	237.42	236.89	242.49	3.81	ppb
Strontium	88-1	256.92	241.34	238.97	245.74	3.97	ppb
Sulfur	34-1	16245.53	13994.86	13825.90	14688.76	9.20	ppb
Terbium	159-1				111		%
Terbium	159-2				116		%
Thallium	203-1	0.40	0.33	0.28	0.34	18.33	ppb
Thallium	205-1	0.36	0.32	0.32	0.33	7.48	ppb
Tin	118-1	6.16	5.91	6.02	6.03	2.06	ppb
Titanium	47-1	46.98	35.91	36.78	39.89	15.44	ppb
Uranium	238-1	0.12	0.12	0.11	0.12	2.18	ppb
Vanadium	51-2	7.41	7.29	7.67	7.46	2.57	ppb
Yttrium	89-1				109		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUID	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:48:42	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				115		%
Zinc	66-2	16581.28	16880.28	16775.51	16745.69	0.91	ppb
Zirconium	90-1	5.20	4.84	5.23	5.09	4.33	ppb
Zirconium	91-1	5.51	5.28	4.82	5.20	6.78	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01DUP Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUID[Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:51:30 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6962.72	6960.68	6824.22	6915.88	1.15	ppb
Antimony	121-1	2.56	2.70	2.62	2.63	2.84	ppb
Arsenic	75-2	3.46	3.22	2.85	3.18	9.72	ppb
Barium	135-1	78.37	81.45	79.36	79.73	1.98	ppb
Barium	137-1	80.27	80.67	79.21	80.05	0.95	ppb
Beryllium	9-1	0.39	0.25	0.34	0.32	22.37	ppb
Bismuth	209-1				109		%
Bismuth	209-2				113		%
Boron	11-1	3373.58	3878.71	4369.30	3873.86	12.85	ppb
Boron	10-1	3306.48	3905.58	4299.98	3837.35	13.04	ppb
Bromine	81-1						cps
Cadmium	106-1	40.51	41.89	41.61	41.33	1.76	ppb
Cadmium	108-1	48.63	56.83	53.11	52.85	7.77	ppb
Cadmium	111-1	51.81	52.33	51.37	51.84	0.92	ppb
Calcium	43-1	56095.78	57804.27	59410.78	57770.28	2.87	ppb
Calcium	44-1	56435.59	58029.81	59153.28	57872.89	2.36	ppb
Chromium	52-2	9.21	8.97	9.29	9.16	1.85	ppb
Cobalt	59-2	2.10	2.12	1.97	2.06	3.79	ppb
Copper	63-2	547.99	548.61	538.39	545.00	1.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				114		%
Indium	115-1				109		%
Indium	115-2				112		%
Iron	54-2	35924.80	35951.93	35371.99	35749.57	0.92	ppb
Iron	56-2	36065.92	36226.06	35608.16	35966.71	0.89	ppb
Iron	57-2	36166.55	36341.70	35406.09	35971.45	1.38	ppb
Krypton	83-1						cps
Lead	207-1	1060.22	1083.61	1070.63	1071.49	1.09	ppb
Lead	208-1	1090.99	1113.15	1111.49	1105.21	1.12	ppb
Lead	206-1	1126.85	1140.48	1159.20	1142.18	1.42	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01DUP Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDIL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:51:30 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				106		%
Magnesium	24-2	3430.78	3475.35	3391.11	3432.41	1.23	ppb
Manganese	55-2	179.02	179.50	174.49	177.67	1.56	ppb
Molybdenum	94-1	9.13	9.40	9.03	9.19	2.09	ppb
Molybdenum	95-1	2.03	2.07	1.99	2.03	1.83	ppb
Molybdenum	96-1	2.84	2.84	3.06	2.91	4.42	ppb
Molybdenum	97-1	1.87	2.14	2.41	2.14	12.67	ppb
Molybdenum	98-1	2.20	2.12	2.08	2.13	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.25	10.57	10.69	10.84	3.35	ppb
Phosphorus	31-2	258.12	327.73	161.90	249.25	33.41	ppb
Potassium	39-2	5878.67	5851.86	5771.24	5833.92	0.96	ppb
Rhodium	103-1				110		%
Rhodium	103-2				112		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	5.90	1.97	5.86	4.58	49.40	ppb
Selenium	78-2	-0.23	-0.58	-0.10	-0.30		ppb
Selenium	82-1	1.35	-0.03	1.20	0.84	90.19	ppb
Silicon	28-1	14130.64	14375.69	15078.96	14528.43	3.39	ppb
Silver	109-1	0.28	0.30	0.33	0.30	7.67	ppb
Silver	107-1	0.32	0.32	0.34	0.33	3.87	ppb
Sodium	23-2	32451.66	32482.58	32324.39	32419.55	0.26	ppb
Strontium	86-1	236.87	246.18	244.92	242.66	2.08	ppb
Strontium	88-1	238.23	243.21	247.10	242.85	1.83	ppb
Sulfur	34-1	11709.26	12668.03	15715.60	13364.30	15.65	ppb
Terbium	159-1				111		%
Terbium	159-2				114		%
Thallium	203-1	0.16	0.18	0.18	0.17	6.34	ppb
Thallium	205-1	0.18	0.16	0.16	0.17	6.21	ppb
Tin	118-1	6.32	6.27	6.08	6.22	2.08	ppb
Titanium	47-1	38.61	36.39	37.07	37.35	3.05	ppb
Uranium	238-1	0.08	0.10	0.11	0.10	13.31	ppb
Vanadium	51-2	7.85	7.70	7.44	7.66	2.73	ppb
Yttrium	89-1				108		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01DUP	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUIDI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:51:30	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				113		%
Zinc	66-2	17104.67	16791.11	16889.00	16928.26	0.95	ppb
Zirconium	90-1	5.10	5.18	5.26	5.18	1.53	ppb
Zirconium	91-1	4.99	5.16	5.52	5.22	5.16	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01LX5 Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDL Dilution Factor : 5
 Date & Time Acquired :: 2020-10-12 13:54:21 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1343.73	1318.83	1366.04	1342.87	1.76	ppb
Antimony	121-1	0.48	0.55	0.51	0.52	7.35	ppb
Arsenic	75-2	0.59	0.78	0.51	0.63	21.72	ppb
Barium	135-1	15.66	15.61	15.30	15.52	1.25	ppb
Barium	137-1	14.49	15.51	15.22	15.07	3.49	ppb
Beryllium	9-1	0.07	0.10	0.12	0.10	26.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	11-1	1150.82	1210.95	1208.23	1190.00	2.85	ppb
Boron	10-1	1140.64	1195.25	1240.02	1191.97	4.18	ppb
Bromine	81-1						cps
Cadmium	106-1	-5.11	-1.30	-0.93	-2.45		ppb
Cadmium	108-1	10.15	10.22	9.76	10.04	2.47	ppb
Cadmium	111-1	9.62	9.83	9.51	9.65	1.68	ppb
Calcium	43-1	11156.64	11161.42	11463.62	11260.56	1.56	ppb
Calcium	44-1	11568.03	11335.42	11559.45	11487.63	1.15	ppb
Chromium	52-2	1.63	1.81	1.75	1.73	5.26	ppb
Cobalt	59-2	0.41	0.43	0.35	0.40	9.88	ppb
Copper	63-2	107.60	105.37	108.16	107.04	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	6916.41	6857.65	7171.03	6981.69	2.39	ppb
Iron	56-2	6987.64	6985.29	7194.71	7055.88	1.70	ppb
Iron	57-2	6944.55	6919.97	7082.47	6982.33	1.25	ppb
Krypton	83-1						cps
Lead	207-1	195.76	197.20	203.45	198.80	2.06	ppb
Lead	208-1	200.75	203.04	208.35	204.05	1.91	ppb
Lead	206-1	209.53	209.43	215.82	211.59	1.73	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01LX5	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUIDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 13:54:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	679.61	654.97	708.69	681.09	3.95	ppb
Manganese	55-2	35.05	33.88	35.07	34.67	1.98	ppb
Molybdenum	94-1	1.77	1.53	1.71	1.67	7.19	ppb
Molybdenum	95-1	0.49	0.49	0.56	0.51	7.44	ppb
Molybdenum	96-1	0.53	0.72	0.62	0.63	15.20	ppb
Molybdenum	97-1	0.49	0.47	0.53	0.50	5.41	ppb
Molybdenum	98-1	0.40	0.40	0.48	0.43	10.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.21	1.86	2.42	2.16	13.00	ppb
Phosphorus	31-2	8.93	29.48	-8.86	9.85	194.78	ppb
Potassium	39-2	1177.23	1132.85	1175.82	1161.96	2.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	2.19	0.73	173.21	ppb
Selenium	78-2	-1.57	-0.39	2.09	0.04	4294.42	ppb
Selenium	82-1	-0.49	-0.02	0.05	-0.15		ppb
Silicon	28-1	2844.22	2780.27	2796.53	2807.01	1.18	ppb
Silver	109-1	0.05	0.06	0.05	0.06	7.84	ppb
Silver	107-1	0.03	0.06	0.06	0.05	30.63	ppb
Sodium	23-2	6435.93	6378.35	6601.97	6472.08	1.79	ppb
Strontium	86-1	46.60	45.57	45.67	45.94	1.23	ppb
Strontium	88-1	46.89	46.83	47.69	47.14	1.02	ppb
Sulfur	34-1	101.37	-464.49	236.21	-42.31		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	0.06	0.08	0.08	0.07	19.70	ppb
Thallium	205-1	0.05	0.05	0.03	0.04	22.79	ppb
Tin	118-1	1.25	1.27	1.11	1.21	7.07	ppb
Titanium	47-1	7.22	6.59	7.62	7.14	7.25	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	18.73	ppb
Vanadium	51-2	1.47	1.55	1.53	1.52	2.56	ppb
Yttrium	89-1				103		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01LX5	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUIDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 13:54:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				104		%
Zinc	66-2	3298.30	3257.25	3378.61	3311.39	1.86	ppb
Zirconium	90-1	0.90	0.92	0.97	0.93	3.93	ppb
Zirconium	91-1	1.04	1.00	0.92	0.99	6.12	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01MS Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDM Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:57:09 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20489.75	20510.53	20727.76	20576.02	0.64	ppb
Antimony	121-1	460.32	479.84	483.07	474.41	2.59	ppb
Arsenic	75-2	546.20	544.52	555.16	548.63	1.04	ppb
Barium	135-1	2469.26	2592.65	2566.10	2542.67	2.55	ppb
Barium	137-1	2603.36	2641.86	2570.98	2605.40	1.36	ppb
Beryllium	9-1	541.92	554.10	552.05	549.36	1.19	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	11-1	3889.62	4505.75	4439.95	4278.44	7.91	ppb
Boron	10-1	3866.57	4471.79	4840.32	4392.89	11.19	ppb
Bromine	81-1						cps
Cadmium	106-1	542.97	564.50	591.92	566.46	4.33	ppb
Cadmium	108-1	578.88	579.44	581.27	579.86	0.22	ppb
Cadmium	111-1	575.72	590.50	592.08	586.10	1.54	ppb
Calcium	43-1	109788.19	110335.67	110885.58	110336.48	0.50	ppb
Calcium	44-1	110891.58	111534.52	110602.55	111009.55	0.43	ppb
Chromium	52-2	541.32	542.91	550.08	544.77	0.86	ppb
Cobalt	59-2	536.67	538.72	550.52	541.97	1.38	ppb
Copper	63-2	1579.02	1556.54	1602.93	1579.50	1.47	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				108		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	54-2	63342.71	63940.77	63461.59	63581.69	0.50	ppb
Iron	56-2	61533.21	61658.30	61813.15	61668.22	0.23	ppb
Iron	57-2	61558.94	61856.41	62649.43	62021.59	0.91	ppb
Krypton	83-1						cps
Lead	207-1	1665.04	1679.86	1655.41	1666.77	0.74	ppb
Lead	208-1	1686.43	1691.40	1680.92	1686.25	0.31	ppb
Lead	206-1	1729.17	1743.54	1722.39	1731.70	0.62	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01MS Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDM Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:57:09 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				102		%
Magnesium	24-2	57644.03	57238.20	58334.45	57738.89	0.96	ppb
Manganese	55-2	1183.50	1187.77	1201.88	1191.05	0.81	ppb
Molybdenum	94-1	2521.01	2604.37	2542.38	2555.92	1.69	ppb
Molybdenum	95-1	2466.16	2500.96	2444.53	2470.55	1.15	ppb
Molybdenum	96-1	2504.20	2524.42	2473.82	2500.81	1.02	ppb
Molybdenum	97-1	2466.22	2520.17	2509.59	2498.66	1.14	ppb
Molybdenum	98-1	2483.91	2531.54	2498.61	2504.69	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	555.81	556.06	568.92	560.26	1.34	ppb
Phosphorus	31-2	186.39	289.13	207.93	227.82	23.78	ppb
Potassium	39-2	33808.10	32707.23	34520.05	33678.46	2.71	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	566.26	512.72	556.06	545.01	5.22	ppb
Selenium	78-2	515.22	526.88	539.00	527.03	2.26	ppb
Selenium	82-1	507.72	520.05	514.33	514.03	1.20	ppb
Silicon	28-1	20240.00	20180.55	20728.44	20383.00	1.47	ppb
Silver	109-1	85.73	87.25	89.06	87.35	1.91	ppb
Silver	107-1	86.53	87.41	88.19	87.38	0.95	ppb
Sodium	23-2	85837.01	85581.56	87291.17	86236.58	1.07	ppb
Strontium	86-1	771.20	797.25	782.61	783.69	1.67	ppb
Strontium	88-1	775.61	792.47	782.97	783.68	1.08	ppb
Sulfur	34-1	15555.02	15199.94	15261.12	15338.69	1.24	ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	549.25	551.06	544.36	548.22	0.63	ppb
Thallium	205-1	543.45	548.88	553.38	548.57	0.91	ppb
Tin	118-1	457.21	460.41	470.41	462.68	1.49	ppb
Titanium	47-1	2444.83	2441.80	2453.13	2446.59	0.24	ppb
Uranium	238-1	535.94	536.42	547.22	539.86	1.18	ppb
Vanadium	51-2	548.35	541.57	555.48	548.47	1.27	ppb
Yttrium	89-1				106		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01MS	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUIDM	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:57:09	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				109		%
Zinc	66-2	18148.68	18263.97	18520.65	18311.10	1.04	ppb
Zirconium	90-1	545.07	546.41	535.21	542.23	1.13	ppb
Zirconium	91-1	534.69	548.34	529.12	537.38	1.84	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01MSD Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDM Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:00:00 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19445.79	19217.36	19816.61	19493.25	1.55	ppb
Antimony	121-1	474.26	480.08	485.07	479.81	1.13	ppb
Arsenic	75-2	521.03	524.14	525.52	523.56	0.44	ppb
Barium	135-1	2350.03	2466.64	2529.86	2448.84	3.73	ppb
Barium	137-1	2435.09	2556.55	2544.12	2511.92	2.66	ppb
Beryllium	9-1	510.10	523.61	528.14	520.62	1.80	ppb
Bismuth	209-1				102		%
Bismuth	209-2				107		%
Boron	11-1	4309.47	4442.86	4812.54	4521.62	5.76	ppb
Boron	10-1	4304.06	4798.81	5180.98	4761.28	9.23	ppb
Bromine	81-1						cps
Cadmium	106-1	548.79	573.22	587.32	569.78	3.42	ppb
Cadmium	108-1	559.99	586.72	589.34	578.68	2.81	ppb
Cadmium	111-1	555.18	587.31	585.93	576.14	3.15	ppb
Calcium	43-1	105678.92	107825.41	110921.28	108141.87	2.44	ppb
Calcium	44-1	108071.83	110486.14	111158.15	109905.37	1.48	ppb
Chromium	52-2	519.91	515.09	530.63	521.87	1.52	ppb
Cobalt	59-2	516.71	515.43	520.97	517.70	0.56	ppb
Copper	63-2	1465.69	1493.26	1501.09	1486.68	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				106		%
Iron	54-2	62356.50	61470.38	62691.55	62172.81	1.01	ppb
Iron	56-2	60521.77	60225.34	62499.04	61082.05	2.02	ppb
Iron	57-2	60639.31	60718.90	62461.83	61273.35	1.68	ppb
Krypton	83-1						cps
Lead	207-1	1635.59	1645.27	1652.07	1644.31	0.50	ppb
Lead	208-1	1651.36	1673.63	1667.85	1664.28	0.69	ppb
Lead	206-1	1692.86	1717.29	1711.88	1707.34	0.75	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01MSD Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDM Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:00:00 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	54589.41	54023.32	55597.83	54736.85	1.46	ppb
Manganese	55-2	1118.82	1098.06	1139.32	1118.74	1.84	ppb
Molybdenum	94-1	2451.38	2499.64	2499.01	2483.34	1.11	ppb
Molybdenum	95-1	2330.41	2405.14	2390.18	2375.24	1.66	ppb
Molybdenum	96-1	2362.64	2441.53	2385.55	2396.58	1.69	ppb
Molybdenum	97-1	2386.17	2469.34	2417.08	2424.20	1.73	ppb
Molybdenum	98-1	2361.66	2400.86	2426.98	2396.50	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.39	538.88	540.89	537.06	0.93	ppb
Phosphorus	31-2	360.01	305.28	214.61	293.30	25.04	ppb
Potassium	39-2	31011.76	31346.75	32211.18	31523.23	1.96	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	487.83	463.48	418.90	456.74	7.65	ppb
Selenium	78-2	503.78	465.89	496.06	488.58	4.10	ppb
Selenium	82-1	486.04	508.11	503.72	499.29	2.34	ppb
Silicon	28-1	19007.67	19349.10	19714.26	19357.01	1.83	ppb
Silver	109-1	81.42	85.51	84.23	83.72	2.50	ppb
Silver	107-1	81.19	84.51	84.88	83.53	2.43	ppb
Sodium	23-2	83588.90	82665.91	86015.48	84090.10	2.06	ppb
Strontium	86-1	766.05	783.70	794.65	781.47	1.85	ppb
Strontium	88-1	766.30	772.45	788.24	775.66	1.46	ppb
Sulfur	34-1	15252.67	16276.80	17097.58	16209.02	5.70	ppb
Terbium	159-1				104		%
Terbium	159-2				109		%
Thallium	203-1	519.80	530.45	534.10	528.12	1.41	ppb
Thallium	205-1	518.67	537.58	532.64	529.63	1.85	ppb
Tin	118-1	437.28	462.24	456.89	452.14	2.91	ppb
Titanium	47-1	2286.10	2291.12	2360.67	2312.63	1.80	ppb
Uranium	238-1	520.19	528.58	527.54	525.44	0.87	ppb
Vanadium	51-2	520.93	517.89	528.08	522.30	1.00	ppb
Yttrium	89-1				101		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01MSD	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUIDM	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:00:00	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	17695.06	17601.03	17868.86	17721.65	0.77	ppb
Zirconium	90-1	515.14	532.90	532.61	526.89	1.93	ppb
Zirconium	91-1	514.66	536.77	528.51	526.65	2.12	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01A Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUID/ Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:05:42 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19858.42	19690.42	19578.84	19709.23	0.71	ppb
Antimony	121-1	473.40	465.16	474.59	471.05	1.09	ppb
Arsenic	75-2	523.53	524.49	523.59	523.87	0.10	ppb
Barium	135-1	2436.42	2445.40	2441.31	2441.04	0.18	ppb
Barium	137-1	2438.54	2469.03	2503.58	2470.38	1.32	ppb
Beryllium	9-1	514.14	525.27	522.72	520.71	1.12	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	11-1	3811.01	4434.54	4429.91	4225.15	8.49	ppb
Boron	10-1	3832.44	4347.65	4780.67	4320.25	10.99	ppb
Bromine	81-1						cps
Cadmium	106-1	573.07	549.16	551.68	557.97	2.35	ppb
Cadmium	108-1	552.99	556.29	565.88	558.39	1.20	ppb
Cadmium	111-1	559.29	563.50	568.07	563.62	0.78	ppb
Calcium	43-1	104704.83	108651.60	107743.24	107033.22	1.93	ppb
Calcium	44-1	104541.27	110395.82	108995.48	107977.52	2.83	ppb
Chromium	52-2	533.80	526.45	524.06	528.10	0.96	ppb
Cobalt	59-2	527.31	517.08	517.04	520.48	1.14	ppb
Copper	63-2	1494.37	1483.11	1520.59	1499.36	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				106		%
Holmium	165-2				111		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	54-2	61919.73	61961.03	61172.29	61684.35	0.72	ppb
Iron	56-2	61402.52	60498.29	60828.71	60909.84	0.75	ppb
Iron	57-2	61173.30	61079.64	61033.85	61095.60	0.12	ppb
Krypton	83-1						cps
Lead	207-1	1564.84	1610.23	1639.38	1604.81	2.34	ppb
Lead	208-1	1597.26	1630.15	1658.90	1628.77	1.89	ppb
Lead	206-1	1649.03	1684.26	1708.40	1680.56	1.78	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01A Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUID/ Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:05:42 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				103		%
Magnesium	24-2	55803.57	55499.70	55281.31	55528.19	0.47	ppb
Manganese	55-2	1146.48	1137.22	1132.47	1138.72	0.63	ppb
Molybdenum	94-1	2366.36	2481.00	2521.08	2456.15	3.27	ppb
Molybdenum	95-1	2297.90	2359.92	2410.45	2356.09	2.39	ppb
Molybdenum	96-1	2295.14	2358.01	2403.88	2352.35	2.32	ppb
Molybdenum	97-1	2285.14	2405.53	2414.96	2368.54	3.06	ppb
Molybdenum	98-1	2313.09	2391.32	2409.81	2371.41	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	539.77	534.39	533.41	535.86	0.64	ppb
Phosphorus	31-2	217.59	168.98	288.87	225.15	26.78	ppb
Potassium	39-2	32618.32	32232.88	32164.51	32338.57	0.76	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	77-2	506.11	542.03	447.22	498.46	9.60	ppb
Selenium	78-2	502.31	500.29	489.70	497.43	1.36	ppb
Selenium	82-1	471.41	496.54	502.69	490.21	3.38	ppb
Silicon	28-1	19041.70	19486.65	19531.78	19353.38	1.40	ppb
Silver	109-1	415.16	411.16	397.24	407.85	2.31	ppb
Silver	107-1	442.81	357.95	355.58	385.45	12.89	ppb
Sodium	23-2	85343.77	83793.22	84527.46	84554.82	0.92	ppb
Strontium	86-1	732.74	772.61	773.63	759.66	3.07	ppb
Strontium	88-1	755.67	779.45	769.24	768.12	1.55	ppb
Sulfur	34-1	14081.35	15357.27	14132.93	14523.85	4.97	ppb
Terbium	159-1				108		%
Terbium	159-2				110		%
Thallium	203-1	501.21	520.49	523.55	515.08	2.35	ppb
Thallium	205-1	518.06	521.98	530.07	523.37	1.17	ppb
Tin	118-1	446.78	440.48	454.90	447.38	1.62	ppb
Titanium	47-1	2262.88	2332.20	2329.32	2308.13	1.70	ppb
Uranium	238-1	509.22	521.04	534.06	521.44	2.38	ppb
Vanadium	51-2	530.69	526.30	521.68	526.22	0.86	ppb
Yttrium	89-1				105		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01A	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUID/	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:05:42	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				108		%
Zinc	66-2	18063.94	17615.53	17863.97	17847.81	1.26	ppb
Zirconium	90-1	514.60	524.98	532.53	524.04	1.72	ppb
Zirconium	91-1	498.79	521.46	529.87	516.70	3.11	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:09:16	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49888.44	50278.69	49848.91	50005.35	0.48	ppb
Antimony	121-1	477.60	468.46	471.40	472.48	0.99	ppb
Arsenic	75-2	477.34	466.72	478.88	474.31	1.40	ppb
Barium	135-1	2391.71	2358.11	2392.01	2380.61	0.82	ppb
Barium	137-1	2429.87	2365.59	2409.42	2401.63	1.37	ppb
Beryllium	9-1	467.96	474.91	476.12	473.00	0.93	ppb
Bismuth	209-1				100		%
Bismuth	209-2				105		%
Boron	11-1	947.89	972.31	995.99	972.06	2.47	ppb
Boron	10-1	966.81	977.02	1017.41	987.08	2.71	ppb
Bromine	81-1						cps
Cadmium	106-1	452.38	450.12	463.18	455.23	1.53	ppb
Cadmium	108-1	469.57	468.49	464.54	467.53	0.57	ppb
Cadmium	111-1	462.75	460.28	463.63	462.22	0.38	ppb
Calcium	43-1	239402.26	235618.91	243221.34	239414.17	1.59	ppb
Calcium	44-1	239160.55	234738.28	237319.06	237072.63	0.94	ppb
Chromium	52-2	467.67	471.85	473.68	471.07	0.65	ppb
Cobalt	59-2	473.00	466.77	468.96	469.58	0.67	ppb
Copper	63-2	4617.25	4619.64	4655.59	4630.83	0.46	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				103		%
Holmium	165-2				109		%
Indium	115-1				100		%
Indium	115-2				105		%
Iron	54-2	122855.58	122477.23	124787.23	123373.34	1.00	ppb
Iron	56-2	124466.68	122131.08	120688.28	122428.68	1.56	ppb
Iron	57-2	125686.74	124031.72	125991.31	125236.59	0.84	ppb
Krypton	83-1						cps
Lead	207-1	2419.38	2472.32	2433.06	2441.59	1.13	ppb
Lead	208-1	2426.40	2453.39	2423.35	2434.38	0.68	ppb
Lead	206-1	2438.83	2501.88	2466.43	2469.05	1.28	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:09:16	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				101		%
Magnesium	24-2	250711.26	248890.63	250693.50	250098.47	0.42	ppb
Manganese	55-2	4931.21	4864.97	4845.41	4880.53	0.92	ppb
Molybdenum	94-1	2379.75	2433.23	2463.39	2425.46	1.75	ppb
Molybdenum	95-1	2361.10	2427.00	2398.69	2395.60	1.38	ppb
Molybdenum	96-1	2375.19	2396.65	2394.06	2388.63	0.49	ppb
Molybdenum	97-1	2384.15	2417.32	2460.42	2420.63	1.58	ppb
Molybdenum	98-1	2369.57	2418.15	2419.77	2402.50	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.70	465.48	459.47	461.55	0.74	ppb
Phosphorus	31-2	9333.41	9278.49	9396.19	9336.03	0.63	ppb
Potassium	39-2	129445.03	128354.44	127844.32	128547.93	0.64	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	527.56	414.18	508.76	483.50	12.57	ppb
Selenium	78-2	488.53	463.26	475.99	475.93	2.65	ppb
Selenium	82-1	463.65	471.90	466.11	467.22	0.91	ppb
Silicon	28-1	594.70	638.02	682.79	638.51	6.90	ppb
Silver	109-1	469.73	458.15	461.01	462.96	1.30	ppb
Silver	107-1	476.52	465.13	464.23	468.63	1.46	ppb
Sodium	23-2	252465.53	251845.79	248794.08	251035.13	0.78	ppb
Strontium	86-1	464.04	480.63	466.63	470.43	1.90	ppb
Strontium	88-1	475.52	486.34	481.35	481.07	1.13	ppb
Sulfur	34-1	7130.43	5619.89	6266.33	6338.88	11.96	ppb
Terbium	159-1				105		%
Terbium	159-2				108		%
Thallium	203-1	483.23	491.19	478.55	484.32	1.32	ppb
Thallium	205-1	484.85	494.33	484.44	487.87	1.15	ppb
Tin	118-1	478.58	469.00	472.51	473.36	1.02	ppb
Titanium	47-1	2402.81	2328.79	2375.86	2369.16	1.58	ppb
Uranium	238-1	485.71	501.89	495.68	494.43	1.65	ppb
Vanadium	51-2	470.73	473.92	472.00	472.22	0.34	ppb
Yttrium	89-1				102		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:09:16	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				107		%
Zinc	66-2	4685.25	4684.91	4672.49	4680.88	0.16	ppb
Zirconium	90-1	478.73	478.04	478.96	478.58	0.10	ppb
Zirconium	91-1	474.33	473.60	484.31	477.42	1.25	ppb

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:18:06 DataFile Name : 029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.87	-0.05	-1.71	-0.30		ppb
Antimony	121-1	0.02	0.03	0.02	0.02	17.89	ppb
Arsenic	75-2	0.03	-0.03	-0.02	-0.01		ppb
Barium	135-1	-0.04	-0.04	-0.02	-0.04		ppb
Barium	137-1	-0.01	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.08	0.13	0.08	0.10	24.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	11-1	158.57	155.64	154.19	156.13	1.43	ppb
Boron	10-1	152.65	153.31	153.03	153.00	0.22	ppb
Bromine	81-1						cps
Cadmium	106-1	-12.62	-14.12	-16.10	-14.28		ppb
Cadmium	108-1	-0.03	0.05	0.22	0.08	165.27	ppb
Cadmium	111-1	-0.14	-0.16	-0.19	-0.16		ppb
Calcium	43-1	-9.16	-9.17	-10.85	-9.73		ppb
Calcium	44-1	-73.69	-70.74	-72.02	-72.15		ppb
Chromium	52-2	0.06	0.06	0.14	0.08	53.13	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.19	0.25	0.22	0.22	13.94	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				102		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	1.48	3.29	2.35	2.37	38.25	ppb
Iron	56-2	1.04	1.14	1.27	1.15	9.77	ppb
Iron	57-2	1.68	1.69	-0.39	0.99	120.71	ppb
Krypton	83-1						cps
Lead	207-1	0.26	0.22	0.27	0.25	9.48	ppb
Lead	208-1	0.25	0.26	0.28	0.26	5.30	ppb
Lead	206-1	0.35	0.23	0.23	0.27	24.37	ppb

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:18:06	DataFile Name :	029CCBE.d

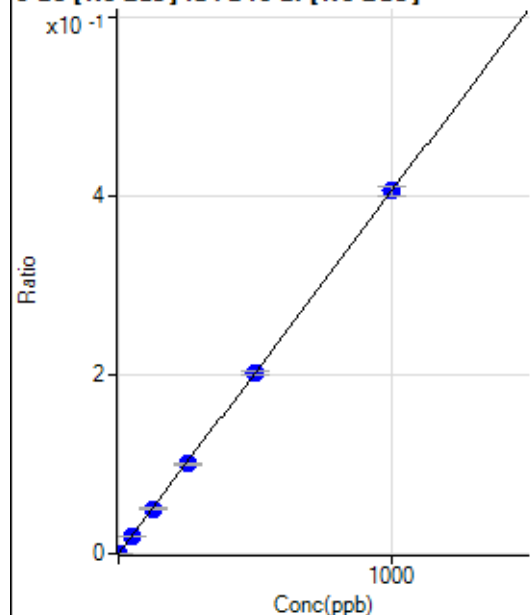
Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lithium	6-1				99		%
Magnesium	24-2	2.76	1.23	2.22	2.07	37.30	ppb
Manganese	55-2	0.03	0.00	0.05	0.03	92.31	ppb
Molybdenum	94-1	0.02	0.05	-0.05	0.01	926.42	ppb
Molybdenum	95-1	0.07	0.10	0.04	0.07	42.99	ppb
Molybdenum	96-1	0.05	0.07	0.05	0.06	19.11	ppb
Molybdenum	97-1	0.09	0.07	0.07	0.07	20.70	ppb
Molybdenum	98-1	0.05	0.06	0.03	0.05	28.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.05	-0.12	-0.08		ppb
Phosphorus	31-2	-37.28	-59.33	4.33	-30.76		ppb
Potassium	39-2	25.12	40.76	19.42	28.43	38.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	2.17	0.00	4.30	2.16	99.76	ppb
Selenium	78-2	-0.90	0.16	0.97	0.08	1222.32	ppb
Selenium	82-1	-1.87	-0.75	0.07	-0.85		ppb
Silicon	28-1	-16.02	-4.07	-16.38	-12.16		ppb
Silver	109-1	0.02	0.01	0.02	0.02	32.53	ppb
Silver	107-1	0.00	0.02	0.00	0.01	107.59	ppb
Sodium	23-2	97.03	102.37	91.14	96.85	5.80	ppb
Strontium	86-1	0.08	0.17	0.10	0.12	36.97	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-2843.99	-2251.13	-2687.50	-2594.21		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.10	0.08	0.08	0.09	14.29	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	13.59	ppb
Tin	118-1	0.04	0.03	-0.02	0.02	185.25	ppb
Titanium	47-1	-0.01	0.05	-0.14	-0.04		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	75.05	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	424.30	ppb
Yttrium	89-1				99		%

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:18:06	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Yttrium	89-2				102		%
Zinc	66-2	0.11	0.09	0.37	0.19	83.24	ppb
Zirconium	90-1	0.01	-0.01	-0.04	-0.01		ppb
Zirconium	91-1	0.02	-0.02	0.05	0.02	198.51	ppb

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8101220 MS.b\
Analysis File: P8101220 MS.batch.bin
DA Date-Time: 2020-10-12 14:31:01
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2020-10-12 12:10:25
2	005CAL.S.d	S02	2020-10-12 12:13:34
3	006CAL.S.d	S03	2020-10-12 12:16:44
4	007CAL.S.d	S04	2020-10-12 12:19:52
5	008CAL.S.d	S05	2020-10-12 12:22:57
6	009CAL.S.d	S06	2020-10-12 12:25:56
7	010CAL.S.d	S07	2020-10-12 12:28:56
8	011CAL.S.d	S08	2020-10-12 12:31:54

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	31.32	0.0000	P	4.0
2	☐	1.000	1.030	573.24	0.0004	P	9.2
3	☐	50.000	48.855	27071.34	0.0198	P	3.0
4	☐	125.000	124.065	69369.36	0.0503	P	3.5
5	☐	250.000	247.708	139421.76	0.1004	P	1.8
6	☐	500.000	498.956	277711.18	0.2022	P	2.6
7	☐	1000.000	1001.269	547214.46	0.4058	P	2.3
8	☐			179.30	0.0001	P	11.7

$$y = 4.0526\text{E-}004 * x + 2.3345\text{E-}005$$

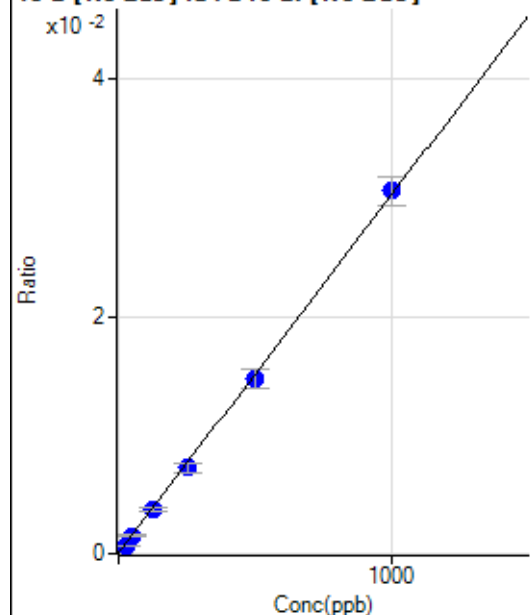
$$R = 1.0000$$

$$DL = 0.006969$$

$$BEC = 0.0576$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.99	0.0001	P	26.4
2	☐	25.000	20.871	899.19	0.0007	P	10.8
3	☐	50.000	47.768	2050.42	0.0015	P	8.3
4	☐	125.000	120.790	5109.89	0.0037	P	10.9
5	☐	250.000	237.978	10065.48	0.0072	P	9.8
6	☐	500.000	485.560	20203.90	0.0147	P	10.8
7	☐	1000.000	1010.967	41240.75	0.0306	P	8.1
8	☐			6253.46	0.0045	P	12.8

$$y = 3.0198\text{E-}005 * x + 5.8152\text{E-}005$$

$$R = 0.9998$$

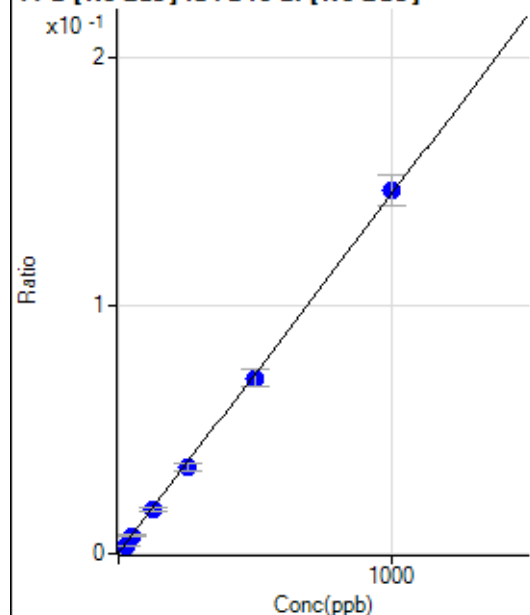
$$DL = 1.523$$

$$BEC = 1.926$$

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	347.94	0.0003	P	10.0
2	☐	25.000	21.705	4435.14	0.0034	P	5.2
3	☐	50.000	48.368	9915.41	0.0073	P	7.6
4	☐	125.000	119.839	24261.91	0.0176	P	9.5
5	☐	250.000	239.837	48565.09	0.0350	P	8.1
6	☐	500.000	488.081	97257.77	0.0709	P	10.7
7	☐	1000.000	1009.309	197214.55	0.1463	P	8.5
8	☐			29338.86	0.0210	P	11.2

$$y = 1.4465\text{E-}004 * x + 2.5930\text{E-}004$$

R = 0.9998

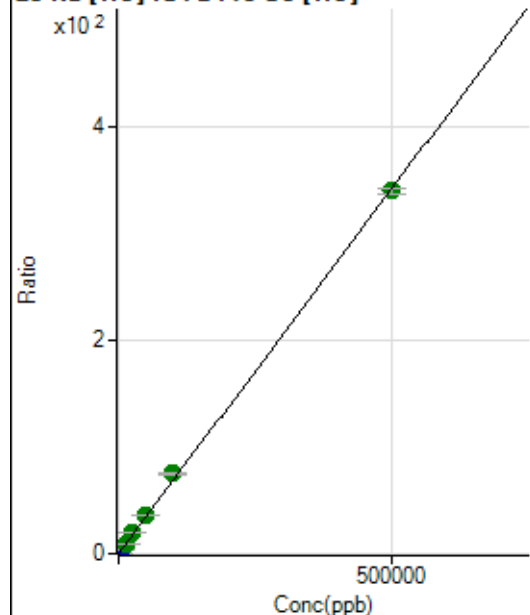
DL = 0.5393

BEC = 1.793

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	13020.00	0.1051	P	6.3
2	☐	500.000	493.669	56320.37	0.4428	P	1.8
3	☐	5000.000	5447.695	479703.20	3.8321	P	3.0
4	☐	12500.000	13629.060	1181687.36	9.4293	A	0.8
5	☐	25000.000	27837.942	2376235.64	19.1501	A	1.1
6	☐	50000.000	53082.735	4590908.95	36.4210	A	1.0
7	☐	100000.00	109699.24	9150349.25	75.1546	A	2.3
8	☐	500000.00	497577.28	43489915.21	340.5170	A	1.4

$$y = 6.8414\text{E-}004 * x + 0.1051$$

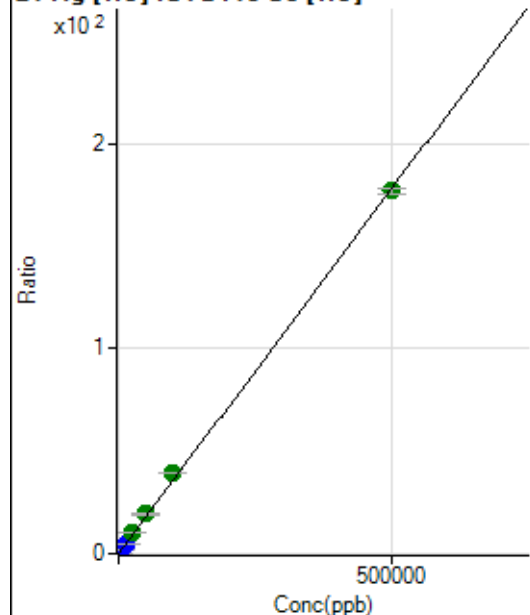
R = 0.9998

DL = 29

BEC = 153.6

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	283.34	0.0023	P	9.8
2	☐	500.000	502.091	22993.64	0.1808	P	3.6
3	☐	5000.000	5527.095	246298.45	1.9674	P	2.5
4	☐	12500.000	13736.283	612291.89	4.8861	P	1.4
5	☐	25000.000	28027.234	1236784.39	9.9671	A	0.4
6	☐	50000.000	54200.432	2429260.17	19.2727	A	1.2
7	☐	100000.00	110155.15	4769715.47	39.1668	A	0.9
8	☐	500000.00	497361.38	22584310.23	176.8342	A	1.7

$$y = 3.5554\text{E-}004 * x + 0.0023$$

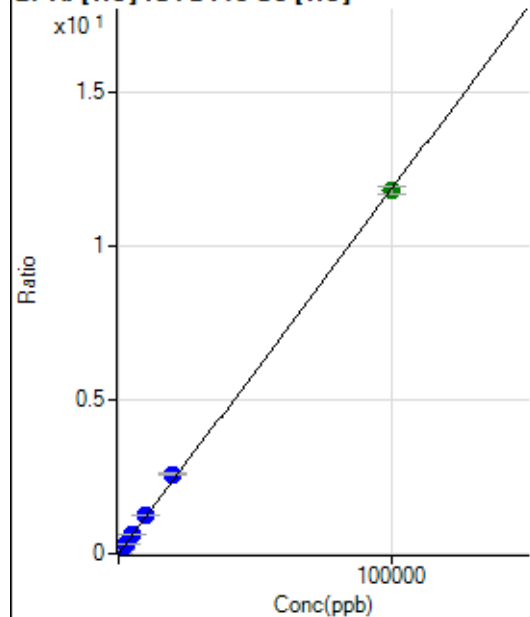
$$R = 0.9998$$

$$DL = 1.887$$

$$BEC = 6.43$$

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	310.80	0.0025	P	7.7
2	☐	20.000	20.994	635.35	0.0050	P	6.7
3	☐	1000.000	1059.632	16010.53	0.1279	P	2.3
4	☐	2500.000	2669.904	39898.86	0.3184	P	2.0
5	☐	5000.000	5449.080	80312.91	0.6472	P	0.4
6	☐	10000.000	10687.509	159709.79	1.2670	P	0.5
7	☐	20000.000	21731.897	313339.36	2.5738	P	2.7
8	☐	100000.00	99557.572	1504663.69	11.7819	A	2.0

$$y = 1.1832\text{E-}004 * x + 0.0025$$

$$R = 0.9998$$

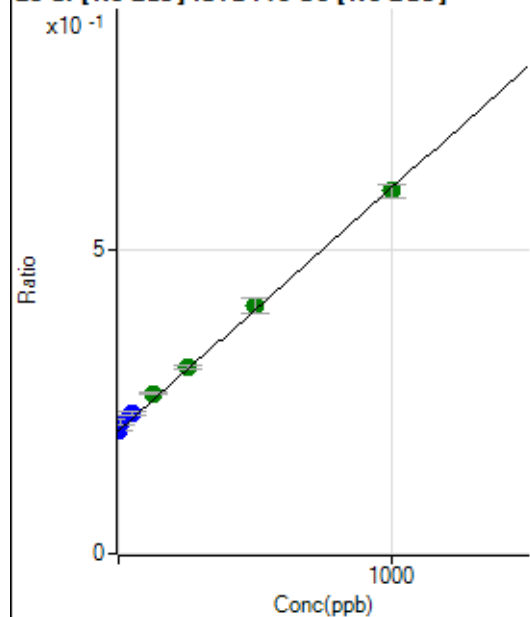
$$DL = 4.923$$

$$BEC = 21.21$$

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	705738.91	0.2023	P	0.7
2	☐	10.000	36.903	718892.04	0.2171	P	5.0
3	☐	50.000	71.147	816335.54	0.2308	P	2.4
4	☐	125.000	154.183	928698.51	0.2641	A	1.8
5	☐	250.000	259.978	1083990.81	0.3065	A	2.0
6	☐	500.000	511.703	1423640.45	0.4075	A	6.2
7	☐	1000.000	986.680	2057678.80	0.5979	A	3.9
8	☐			834468.71	0.2377	P	0.7

$$y = 4.0102\text{E-}004 * x + 0.2023$$

R = 0.9995

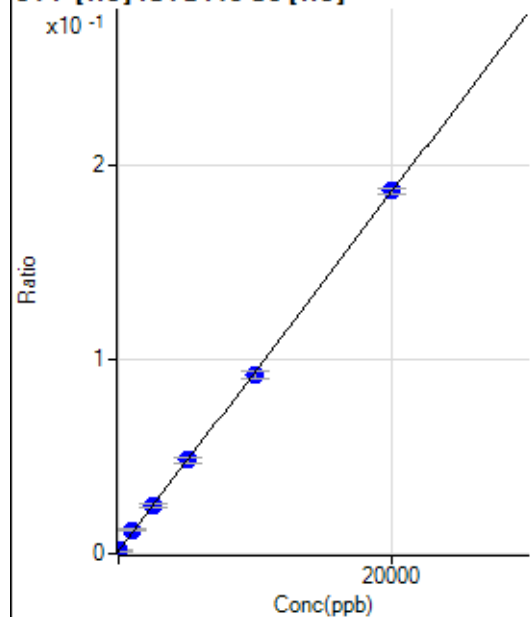
DL = 11.08

BEC = 504.4

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	15.179	186.12	0.0015	P	18.8
2	☐	0.000	-15.179	155.56	0.0012	P	27.7
3	☐	1000.000	1139.523	1486.23	0.0119	P	8.4
4	☐	2500.000	2530.302	3094.86	0.0247	P	6.4
5	☐	5000.000	5048.774	5945.83	0.0479	P	5.8
6	☐	10000.000	9826.238	11591.08	0.0920	P	3.8
7	☐	20000.000	20063.924	22693.26	0.1864	P	1.8
8	☐			194.45	0.0015	P	22.1

$$y = 9.2211\text{E-}006 * x + 0.0014$$

R = 0.9999

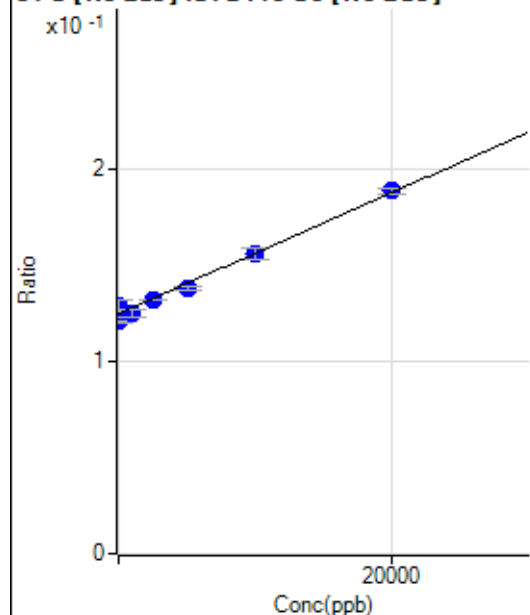
DL = 101.2

BEC = 148

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	-1242.550	420944.18	0.1206	P	0.8
2	☐	0.000	1242.550	425400.31	0.1284	P	4.9
3	☐	1000.000	50.109	441037.87	0.1247	P	2.7
4	☐	2500.000	2340.441	463806.62	0.1319	P	0.1
5	☐	5000.000	4235.726	487512.91	0.1378	P	1.3
6	☐	10000.000	9967.855	544837.84	0.1558	P	3.9
7	☐	20000.000	20274.580	647936.18	0.1882	P	1.5
8	☐			419641.04	0.1195	P	0.9

$$y = 3.1409\text{E-}006 * x + 0.1245$$

$$R = 0.9941$$

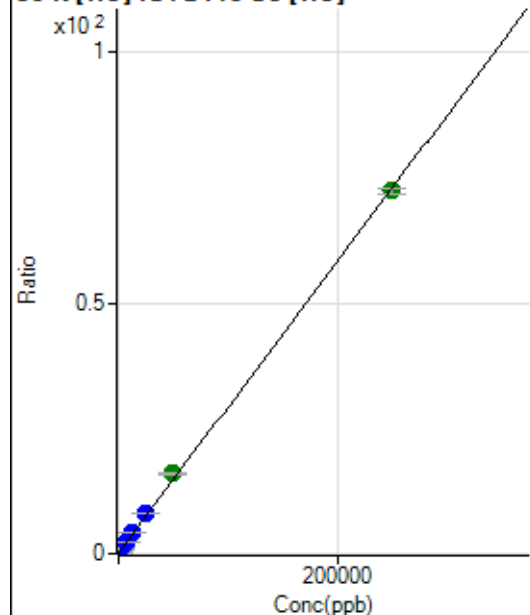
$$DL = 3510$$

$$BEC = 3.965\text{E}+04$$

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	19611.07	0.1583	P	7.6
2	☐	500.000	481.299	37908.78	0.2980	P	0.9
3	☐	2500.000	2778.664	120795.01	0.9649	P	2.9
4	☐	6250.000	6932.180	272007.96	2.1706	P	1.3
5	☐	12500.000	14084.967	526992.12	4.2470	P	0.8
6	☐	25000.000	27411.633	1022907.66	8.1155	P	1.4
7	☐	50000.000	54850.317	1957862.02	16.0805	A	2.4
8	☐	250000.00	248689.72	9240419.04	72.3490	A	1.5

$$y = 2.9028\text{E-}004 * x + 0.1583$$

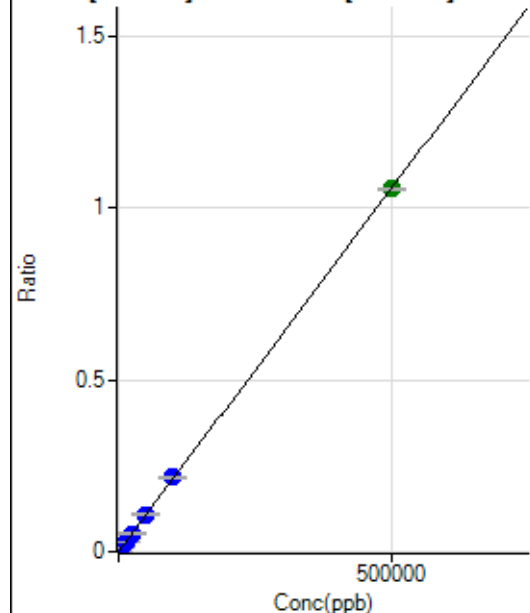
$$R = 0.9998$$

$$DL = 124$$

$$BEC = 545.4$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	372.04	0.0001	P	2.5
2	☐	500.000	489.505	3773.78	0.0011	P	6.8
3	☐	5000.000	4906.704	37021.82	0.0105	P	1.9
4	☐	12500.000	12481.890	93043.69	0.0265	P	0.7
5	☐	25000.000	25033.900	187312.34	0.0530	P	0.5
6	☐	50000.000	51021.557	376896.09	0.1078	P	4.6
7	☐	100000.00	102822.70	747577.38	0.2172	P	2.4
8	☐	500000.00	499333.00	3701493.36	1.0543	A	0.5

$$y = 2.1112\text{E-}006 * x + 1.0662\text{E-}004$$

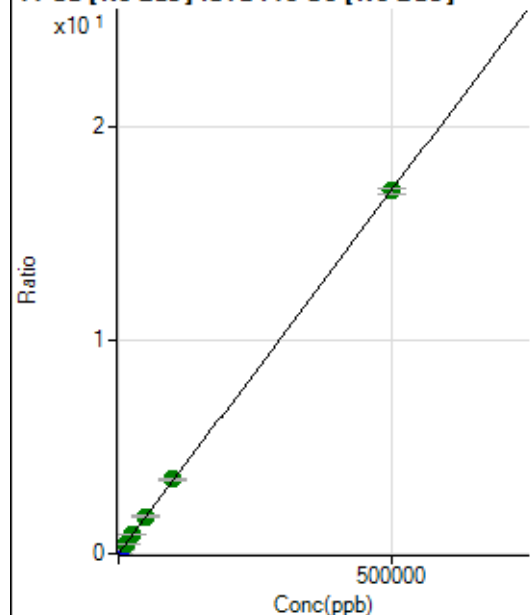
$$R = 1.0000$$

$$DL = 3.843$$

$$BEC = 50.5$$

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	28539.98	0.0082	P	0.6
2	☐	500.000	500.578	83421.19	0.0252	P	5.2
3	☐	5000.000	5018.464	632115.80	0.1787	P	2.0
4	☐	12500.000	12606.989	1535182.25	0.4366	A	0.8
5	☐	25000.000	25129.818	3048963.99	0.8621	A	1.5
6	☐	50000.000	51304.005	6122088.55	1.7515	A	4.6
7	☐	100000.00	102558.24	12023369.81	3.4930	A	2.3
8	☐	500000.00	499348.60	59595441.08	16.9757	A	1.4

$$y = 3.3979\text{E-}005 * x + 0.0082$$

$$R = 1.0000$$

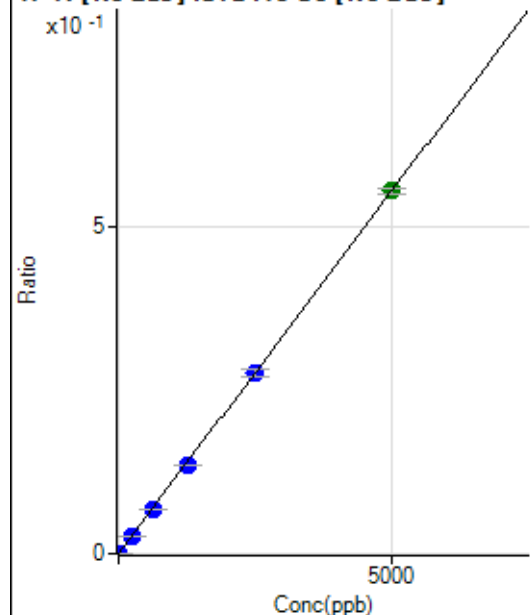
$$DL = 4.268$$

$$BEC = 240.7$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	430.58	0.0001	P	7.4
2	☐	5.000	4.939	2222.45	0.0007	P	11.9
3	☐	250.000	240.294	94829.57	0.0268	P	1.5
4	☐	625.000	609.578	238475.78	0.0678	P	0.4
5	☐	1250.000	1226.106	481993.72	0.1363	P	0.9
6	☐	2500.000	2503.701	972329.93	0.2781	P	4.2
7	☐	5000.000	5006.536	1914283.55	0.5561	A	1.6
8	☐			519.47	0.0001	P	18.3

$$y = 1.1104\text{E-}004 * x + 1.2338\text{E-}004$$

$$R = 1.0000$$

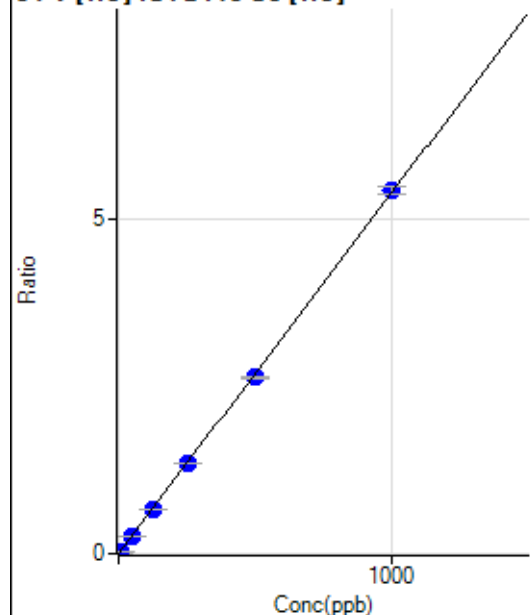
$$DL = 0.2476$$

$$BEC = 1.111$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.78	0.0001	P	23.0
2	☐	5.000	4.380	3017.01	0.0237	P	3.1
3	☐	50.000	48.993	33138.33	0.2646	P	2.1
4	☐	125.000	123.731	83731.90	0.6682	P	2.3
5	☐	250.000	249.538	167216.41	1.3476	P	0.5
6	☐	500.000	488.358	332440.94	2.6372	P	0.9
7	☐	1000.000	1006.149	661544.78	5.4333	P	2.0
8	☐			97.78	0.0008	P	10.0

$$y = 0.0054 * x + 6.2575\text{E-}005$$

$$R = 0.9999$$

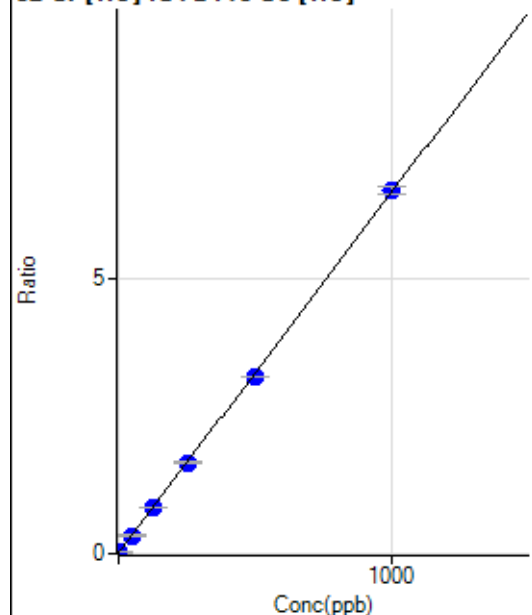
$$DL = 0.007984$$

$$BEC = 0.01159$$

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	964.49	0.0078	P	13.9
2	☐	2.000	1.703	2410.23	0.0189	P	7.3
3	☐	50.000	49.037	41155.74	0.3288	P	2.7
4	☐	125.000	125.428	103854.77	0.8287	P	1.0
5	☐	250.000	250.978	204798.98	1.6505	P	0.9
6	☐	500.000	489.527	404855.71	3.2118	P	0.6
7	☐	1000.000	1004.987	801808.48	6.5855	P	2.3
8	☐			2650.27	0.0208	P	2.1

$$y = 0.0065 * x + 0.0078$$

$$R = 0.9999$$

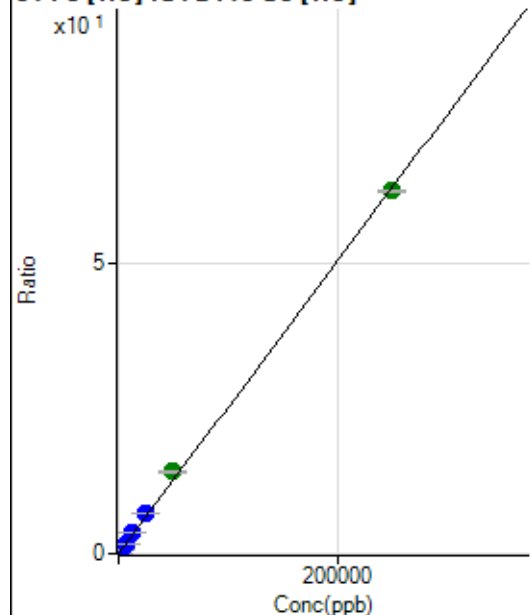
$$DL = 0.4984$$

$$BEC = 1.192$$

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	290.75	0.0024	P	11.9
2	☐	50.000	51.948	1963.13	0.0154	P	5.0
3	☐	2500.000	2779.444	87948.69	0.7025	P	2.8
4	☐	6250.000	6900.900	218137.43	1.7408	P	2.2
5	☐	12500.000	13947.583	436285.67	3.5160	P	0.9
6	☐	25000.000	27474.779	872744.09	6.9238	P	0.7
7	☐	50000.000	56255.353	1725763.64	14.1742	A	2.2
8	☐	250000.00	248410.00	7993128.42	62.5816	A	0.6

$$y = 2.5192E-004 * x + 0.0024$$

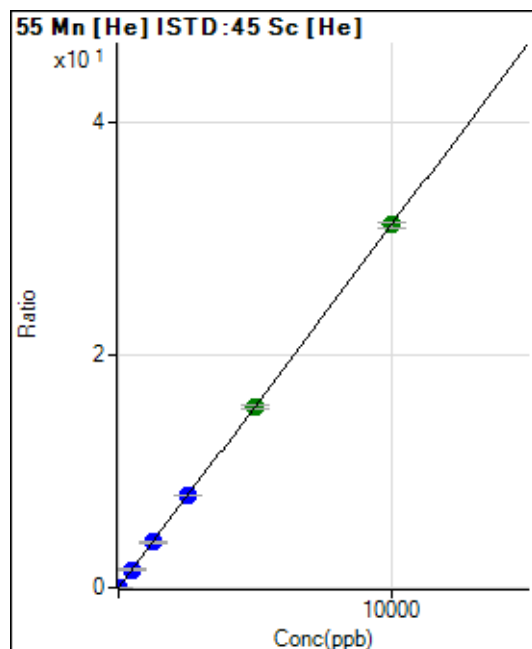
$$R = 0.9996$$

$$DL = 3.341$$

$$BEC = 9.33$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	46.67	0.0004	P	14.8
2	☐	1.000	0.929	416.68	0.0033	P	4.9
3	☐	500.000	501.124	195867.91	1.5645	P	2.3
4	☐	1250.000	1246.553	487604.39	3.8912	P	1.8
5	☐	2500.000	2537.061	982663.08	7.9192	P	1.0
6	☐	5000.000	4985.840	1961624.08	15.5625	A	1.5
7	☐	10000.000	9998.190	3799913.17	31.2073	A	1.7
8	☐			2568.04	0.0201	P	5.9

$$y = 0.0031 * x + 3.7655E-004$$

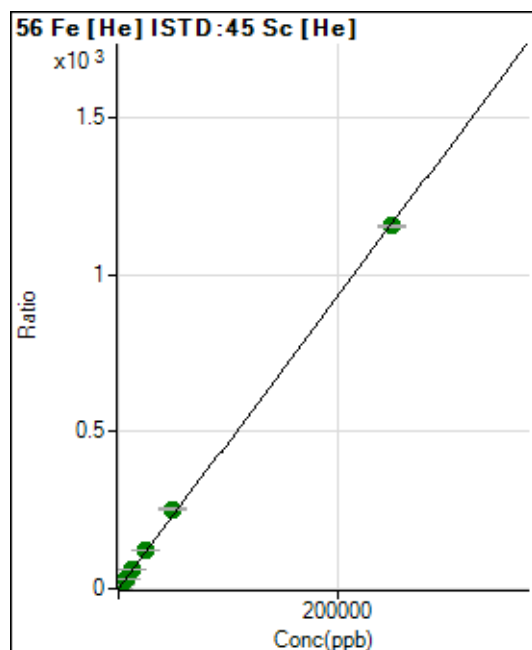
$$R = 1.0000$$

$$DL = 0.05356$$

$$BEC = 0.1206$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1842.75	0.0149	P	3.4
2	☐	50.000	49.602	31197.24	0.2453	P	1.5
3	☐	2500.000	2720.420	1584121.26	12.6529	A	2.0
4	☐	6250.000	6818.464	3971193.84	31.6908	A	2.5
5	☐	12500.000	13661.982	7877444.56	63.4831	A	0.5
6	☐	25000.000	26778.590	15683372.34	124.4177	A	0.2
7	☐	50000.000	54448.739	30802534.25	252.9624	A	1.7
8	☐	250000.00	248857.87	147661588.4	1,156.111	A	0.6

$$y = 0.0046 * x + 0.0149$$

$$R = 0.9998$$

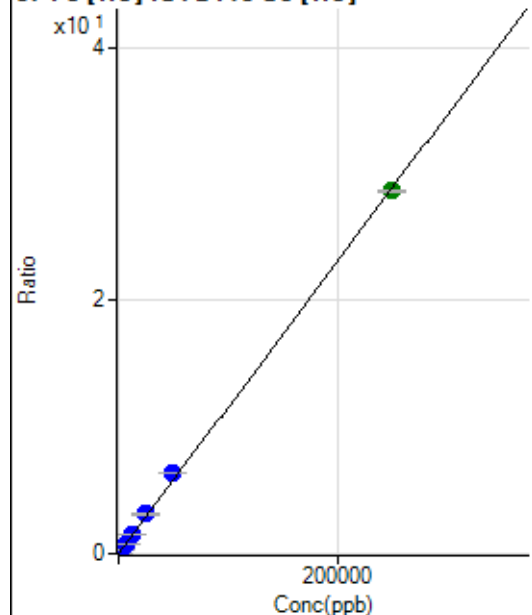
$$DL = 0.3306$$

$$BEC = 3.198$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0008	P	18.3
2	☐	50.000	46.441	777.82	0.0061	P	5.8
3	☐	2500.000	2715.771	39307.99	0.3140	P	1.9
4	☐	6250.000	6841.280	98964.72	0.7897	P	1.3
5	☐	12500.000	13760.714	197013.72	1.5877	P	0.9
6	☐	25000.000	27025.630	392956.19	3.1175	P	0.8
7	☐	50000.000	55357.111	777412.13	6.3849	P	2.0
8	☐	250000.00	248646.04	3662659.66	28.6762	A	0.4

$$y = 1.1533\text{E-}004 * x + 7.5850\text{E-}004$$

$$R = 0.9997$$

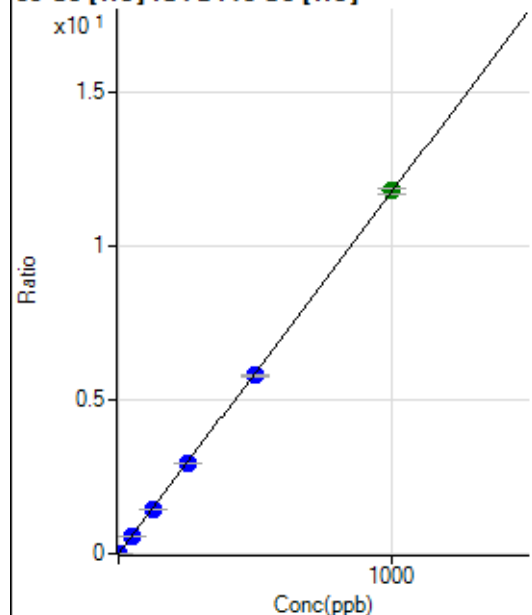
$$DL = 3.605$$

$$BEC = 6.577$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	41.11	0.0003	P	25.6
2	☐	1.000	0.923	1422.31	0.0112	P	3.2
3	☐	50.000	49.814	73372.39	0.5861	P	2.5
4	☐	125.000	123.947	182679.10	1.4578	P	1.6
5	☐	250.000	251.786	367426.09	2.9610	P	0.3
6	☐	500.000	492.285	729685.20	5.7890	P	0.9
7	☐	1000.000	1003.552	1437045.84	11.8009	A	1.3
8	☐			2369.11	0.0186	P	5.2

$$y = 0.0118 * x + 3.3283\text{E-}004$$

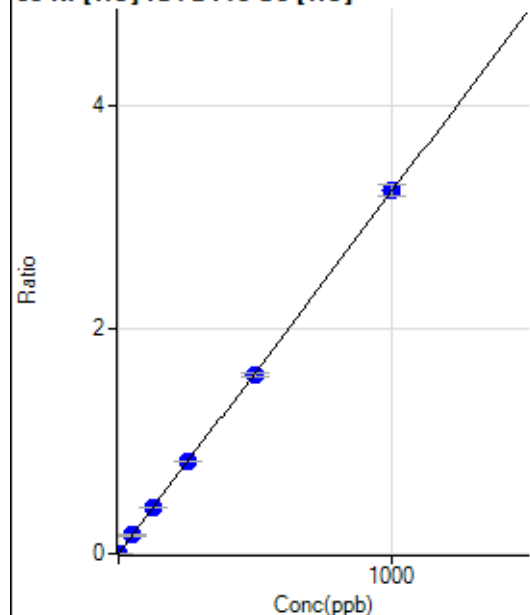
$$R = 1.0000$$

$$DL = 0.02172$$

$$BEC = 0.0283$$

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	154.45	0.0013	P	24.2
2	☐	1.000	0.904	530.01	0.0042	P	6.2
3	☐	50.000	50.304	20470.40	0.1635	P	3.7
4	☐	125.000	125.509	50901.74	0.4062	P	0.6
5	☐	250.000	252.698	101318.60	0.8165	P	0.3
6	☐	500.000	493.938	201013.92	1.5948	P	1.5
7	☐	1000.000	1002.278	393801.39	3.2348	P	3.1
8	☐			832.26	0.0065	P	7.1

$$y = 0.0032 * x + 0.0013$$

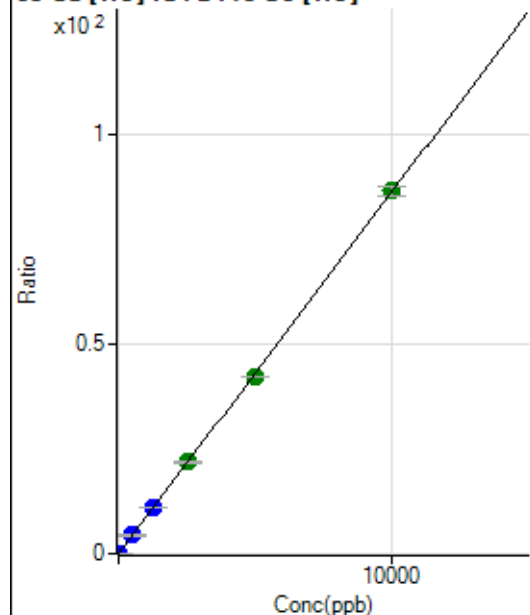
$$R = 1.0000$$

$$DL = 0.2818$$

$$BEC = 0.388$$

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	646.69	0.0052	P	8.4
2	☐	2.000	2.051	2915.88	0.0229	P	2.9
3	☐	500.000	511.577	553746.23	4.4232	P	2.6
4	☐	1250.000	1272.760	1378065.48	10.9967	P	0.9
5	☐	2500.000	2529.963	2711753.64	21.8539	A	1.1
6	☐	5000.000	4896.653	5330829.05	42.2925	A	0.9
7	☐	10000.000	10040.759	10558022.62	86.7168	A	2.4
8	☐			3922.81	0.0307	P	2.5

$$y = 0.0086 * x + 0.0052$$

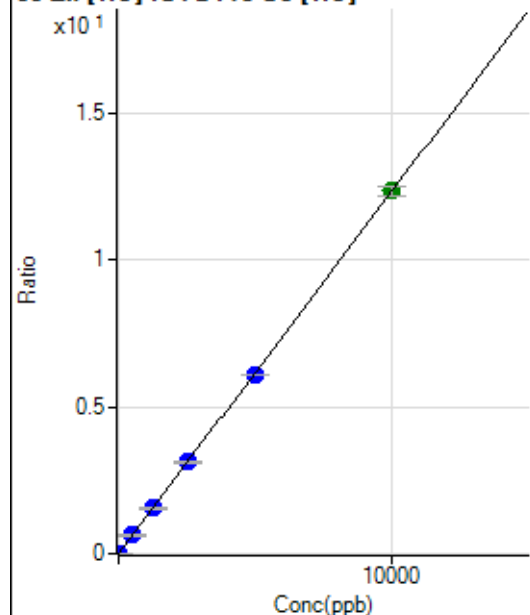
$$R = 0.9999$$

$$DL = 0.1522$$

$$BEC = 0.6042$$

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	134.45	0.0011	P	25.9
2	☐	2.000	1.840	427.79	0.0034	P	22.2
3	☐	500.000	505.125	78179.52	0.6244	P	1.3
4	☐	1250.000	1251.182	193603.33	1.5449	P	1.2
5	☐	2500.000	2528.719	387308.82	3.1213	P	1.0
6	☐	5000.000	4935.305	767732.58	6.0908	P	0.8
7	☐	10000.000	10024.764	1506116.19	12.3708	A	2.7
8	☐			3402.67	0.0266	P	2.2

$$y = 0.0012 * x + 0.0011$$

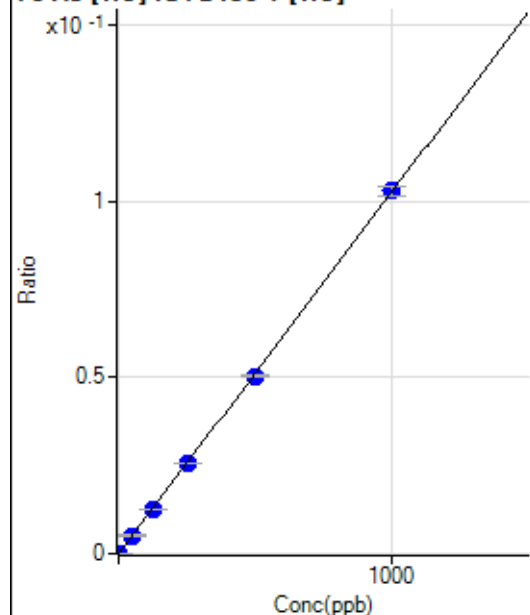
$$R = 1.0000$$

$$DL = 0.6863$$

$$BEC = 0.8826$$

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	9.67	0.0000	P	39.8
2	☐	1.000	0.910	115.68	0.0001	P	5.9
3	☐	50.000	50.051	5683.39	0.0051	P	2.6
4	☐	125.000	122.953	14241.26	0.0126	P	1.8
5	☐	250.000	249.794	28447.33	0.0256	P	1.0
6	☐	500.000	492.224	57176.87	0.0505	P	0.7
7	☐	1000.000	1004.193	113303.44	0.1029	P	2.8
8	☐			44.01	0.0000	P	23.0

$$y = 1.0248E-004 * x + 8.8119E-006$$

$$R = 1.0000$$

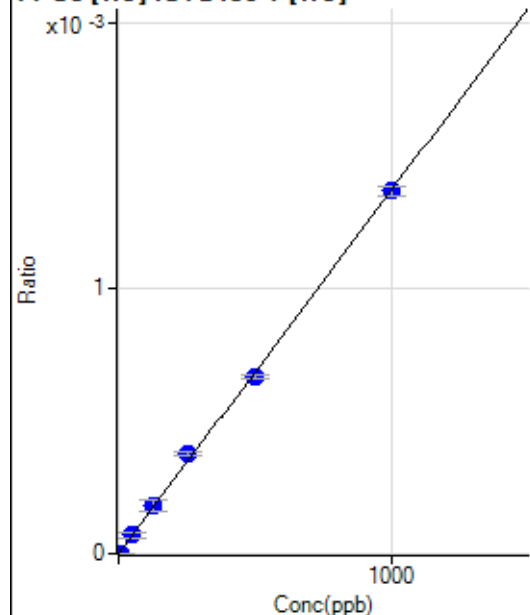
$$DL = 0.1026$$

$$BEC = 0.08599$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	2.144	3.33	0.0000	P	0.3
3	☐	50.000	51.926	78.89	0.0001	P	30.0
4	☐	125.000	133.585	206.67	0.0002	P	22.0
5	☐	250.000	276.471	421.12	0.0004	P	4.0
6	☐	500.000	488.380	758.92	0.0007	P	2.4
7	☐	1000.000	998.037	1506.76	0.0014	P	2.8
8	☐			1.11	0.0000	P	173.2

$$y = 1.3710\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9995$$

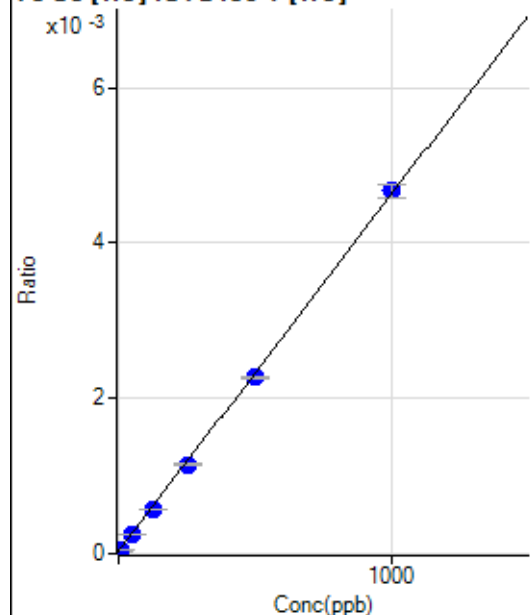
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.67	0.0000	P	14.3
2	☐	5.000	3.324	53.34	0.0000	P	17.1
3	☐	50.000	47.455	276.36	0.0002	P	4.5
4	☐	125.000	117.592	646.41	0.0006	P	2.0
5	☐	250.000	243.375	1278.19	0.0012	P	1.5
6	☐	500.000	487.161	2573.83	0.0023	P	1.6
7	☐	1000.000	1009.137	5141.13	0.0047	P	3.5
8	☐			40.00	0.0000	P	19.6

$$y = 4.5965\text{E-}006 * x + 3.1806\text{E-}005$$

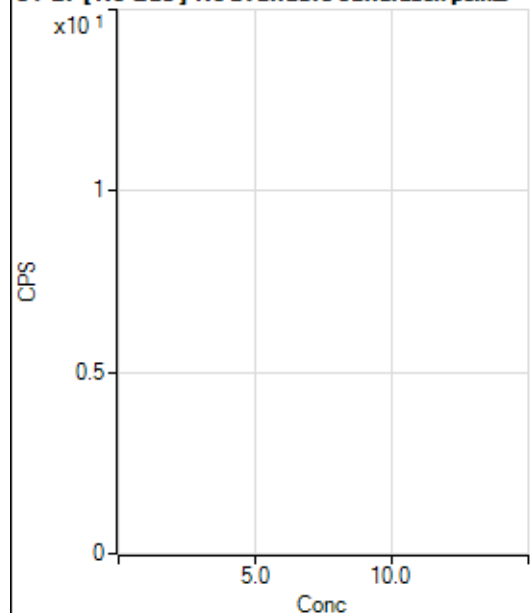
$$R = 0.9999$$

$$DL = 2.96$$

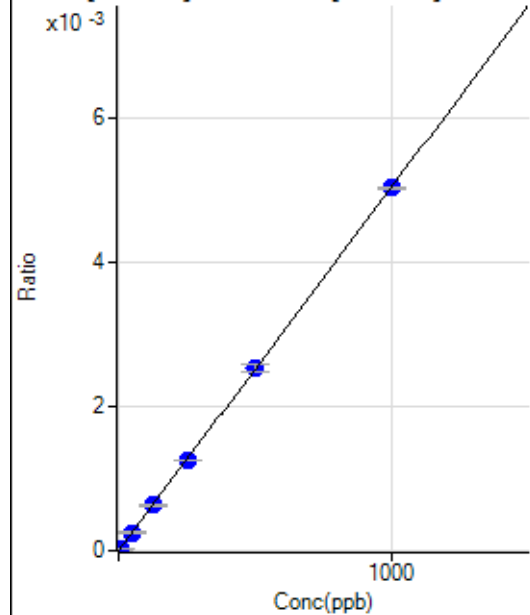
$$BEC = 6.92$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2429.40		P	6.4
2	☐			2292.55		P	4.9
3	☐			2329.27		P	9.3
4	☐			2352.62		P	10.9
5	☐			2182.43		P	5.9
6	☐			2199.12		P	0.9
7	☐			2212.47		P	9.6
8	☐			2429.38		P	4.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-15.69	0.0000	P	-444.
2	☐	5.000	5.567	232.35	0.0000	P	9.4
3	☐	50.000	49.323	2309.28	0.0002	P	5.3
4	☐	125.000	126.752	5895.75	0.0006	P	3.9
5	☐	250.000	250.161	11702.15	0.0013	P	0.2
6	☐	500.000	502.968	23432.14	0.0025	P	4.3
7	☐	1000.000	998.288	46675.39	0.0050	P	0.5
8	☐			15.10	0.0000	P	25.6

$$y = 5.0508\text{E-}006 * x - 1.6859\text{E-}006$$

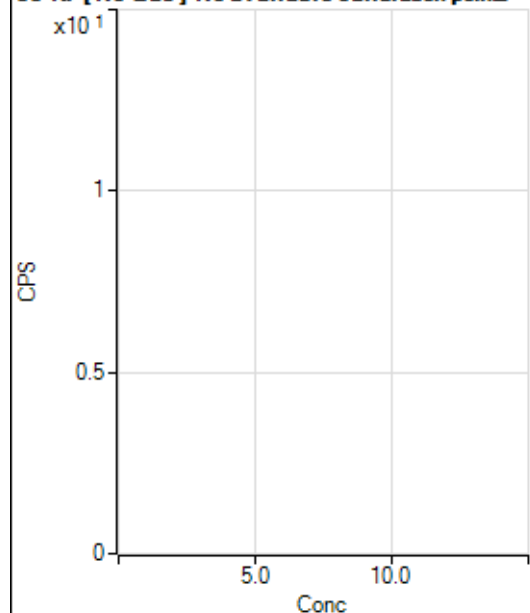
$$R = 1.0000$$

$$DL = 4.452$$

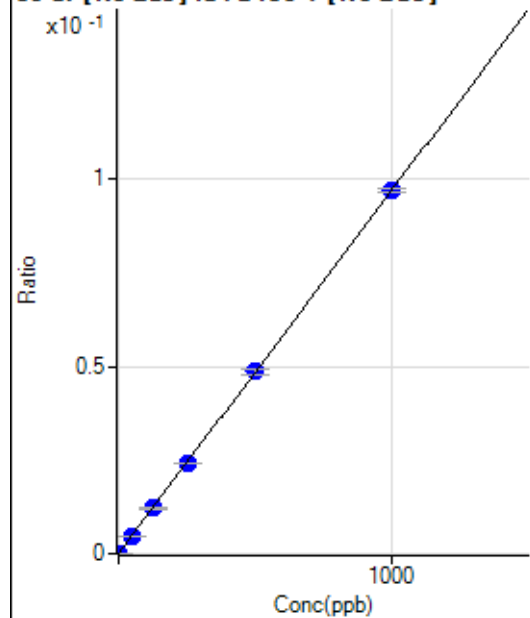
$$BEC = -0.3338$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			425.57		P	11.4
2	☐			402.23		P	8.9
3	☐			447.79		P	6.8
4	☐			426.68		P	3.6
5	☐			427.79		P	20.2
6	☐			444.46		P	7.9
7	☐			414.45		P	12.2
8	☐			410.01		P	4.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	577.81	0.0001	P	2.1
2	☐	1.000	1.055	1447.34	0.0002	P	8.5
3	☐	50.000	49.087	44950.51	0.0048	P	1.7
4	☐	125.000	124.427	111865.17	0.0121	P	3.0
5	☐	250.000	247.187	222592.39	0.0240	P	0.7
6	☐	500.000	502.170	449606.60	0.0487	P	3.0
7	☐	1000.000	999.735	897256.92	0.0969	P	1.0
8	☐			5340.07	0.0006	P	2.7

$$y = 9.6860E-005 * x + 6.2245E-005$$

$$R = 1.0000$$

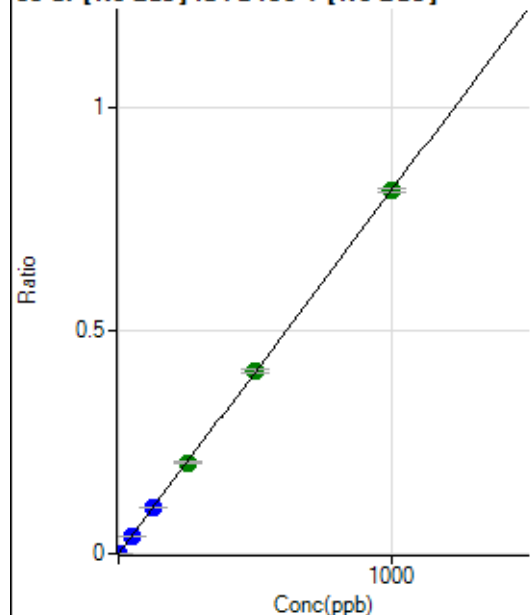
$$DL = 0.04054$$

$$BEC = 0.6426$$

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	113.89	0.0000	P	15.2
2	☐	1.000	0.976	7096.44	0.0008	P	6.3
3	☐	50.000	49.513	376310.63	0.0403	P	1.1
4	☐	125.000	126.247	949475.14	0.1028	P	1.0
5	☐	250.000	250.363	1889743.58	0.2038	A	2.6
6	☐	500.000	502.747	3779166.19	0.4093	A	2.7
7	☐	1000.000	998.404	7527199.73	0.8129	A	0.9
8	☐			39450.82	0.0042	P	2.1

$$y = 8.1415\text{E-}004 * x + 1.2269\text{E-}005$$

$$R = 1.0000$$

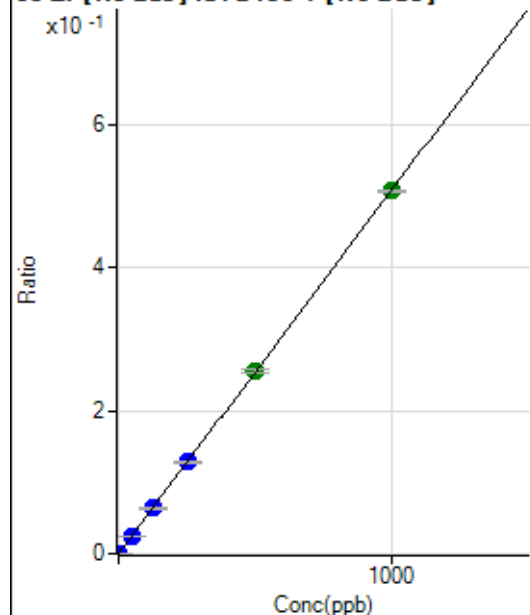
$$DL = 0.006868$$

$$BEC = 0.01507$$

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	394.46	0.0000	P	6.3
2	☐	1.000	0.947	4603.67	0.0005	P	4.6
3	☐	50.000	49.218	233594.74	0.0250	P	0.6
4	☐	125.000	124.556	584425.59	0.0633	P	1.8
5	☐	250.000	252.908	1190914.04	0.1284	P	1.5
6	☐	500.000	501.866	2352797.88	0.2548	A	2.6
7	☐	1000.000	998.435	4694824.97	0.5070	A	0.6
8	☐			1402.89	0.0002	P	14.0

$$y = 5.0770\text{E-}004 * x + 4.2493\text{E-}005$$

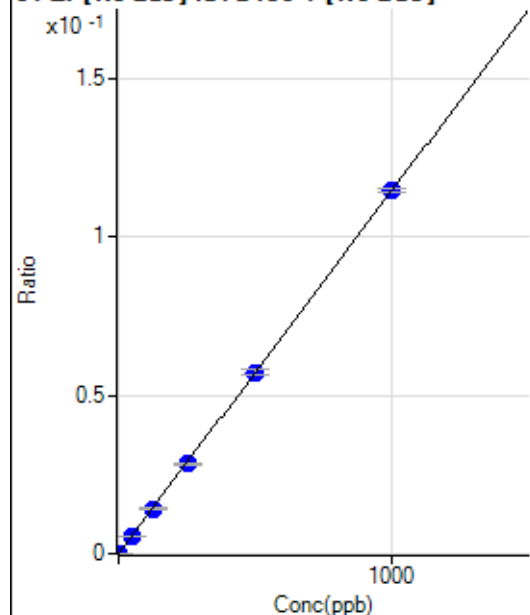
$$R = 1.0000$$

$$DL = 0.01594$$

$$BEC = 0.0837$$

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	48.7
2	☐	1.000	0.995	1066.74	0.0001	P	12.3
3	☐	50.000	48.671	52087.11	0.0056	P	0.8
4	☐	125.000	123.445	130608.50	0.0141	P	3.4
5	☐	250.000	248.551	263935.43	0.0285	P	2.4
6	☐	500.000	500.106	528684.26	0.0573	P	3.7
7	☐	1000.000	1000.570	1061070.22	0.1146	P	0.9
8	☐			327.79	0.0000	P	5.9

$$y = 1.1451\text{E-}004 * x + 7.4850\text{E-}006$$

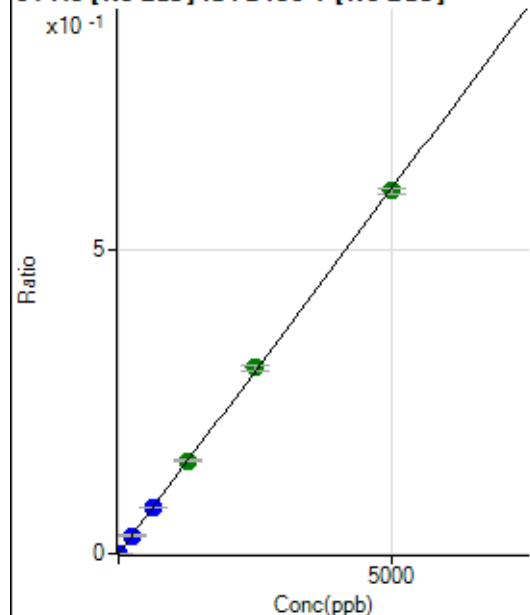
$$R = 1.0000$$

$$DL = 0.09544$$

$$BEC = 0.06536$$

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	161.12	0.0000	P	3.0
2	☐	5.000	5.012	5473.46	0.0006	P	1.9
3	☐	250.000	249.271	280543.35	0.0301	P	0.7
4	☐	625.000	633.499	705353.09	0.0764	P	1.4
5	☐	1250.000	1272.910	1422284.00	0.1534	A	3.3
6	☐	2500.000	2548.252	2835593.47	0.3071	A	2.8
7	☐	5000.000	4969.120	5545479.90	0.5989	A	1.8
8	☐			1400.11	0.0002	P	5.1

$$y = 1.2052\text{E-}004 * x + 1.7357\text{E-}005$$

$$R = 0.9999$$

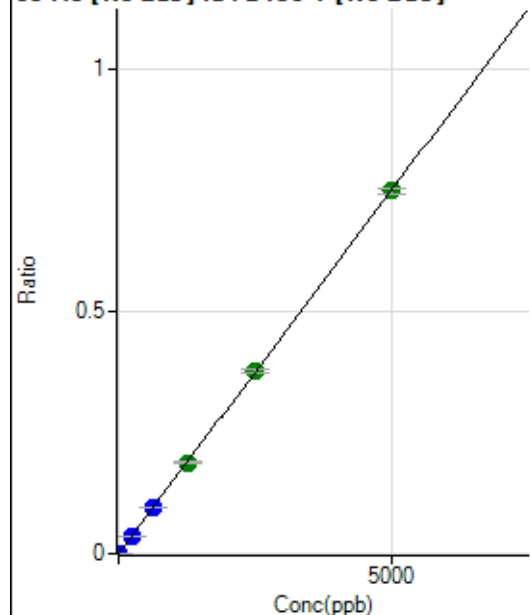
$$DL = 0.01288$$

$$BEC = 0.144$$

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	30.55	0.0000	P	15.9
2	☐	5.000	4.980	6610.10	0.0007	P	1.1
3	☐	250.000	245.574	343631.60	0.0368	P	1.1
4	☐	625.000	631.269	874172.92	0.0946	P	1.6
5	☐	1250.000	1251.057	1738944.22	0.1876	A	3.0
6	☐	2500.000	2514.069	3479899.56	0.3769	A	3.0
7	☐	5000.000	4992.139	6930445.47	0.7485	A	1.4
8	☐			1480.68	0.0002	P	2.6

$$y = 1.4993\text{E-}004 * x + 3.2920\text{E-}006$$

$$R = 1.0000$$

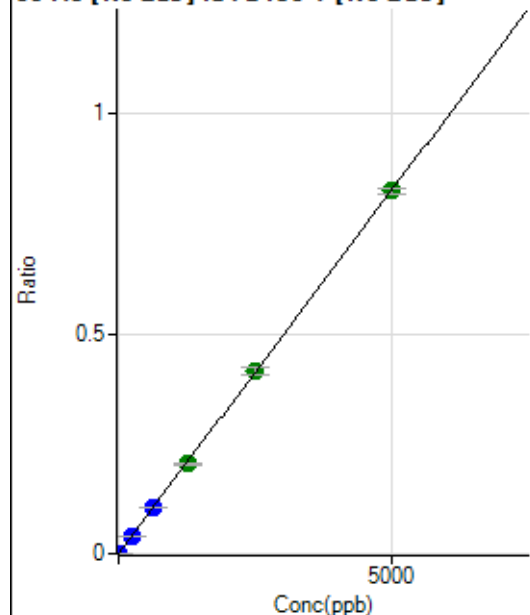
$$DL = 0.01045$$

$$BEC = 0.02196$$

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	122.23	0.0000	P	15.8
2	☐	5.000	4.986	7366.01	0.0008	P	8.8
3	☐	250.000	247.581	381975.96	0.0409	P	1.4
4	☐	625.000	631.930	964728.34	0.1045	P	1.6
5	☐	1250.000	1239.588	1899436.18	0.2049	A	2.4
6	☐	2500.000	2512.358	3832722.57	0.4152	A	4.0
7	☐	5000.000	4995.679	7645229.25	0.8257	A	1.4
8	☐			2358.60	0.0003	P	5.8

$$y = 1.6527\text{E-}004 * x + 1.3167\text{E-}005$$

$$R = 1.0000$$

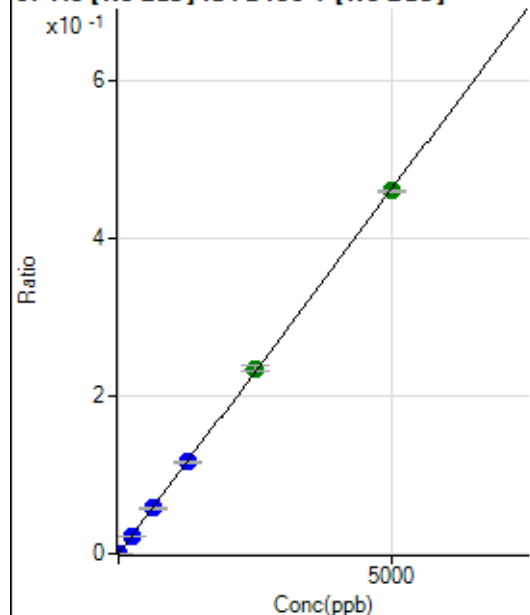
$$DL = 0.03766$$

$$BEC = 0.07967$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	114.5
2	☐	5.000	4.723	3847.88	0.0004	P	12.9
3	☐	250.000	246.138	212551.62	0.0228	P	1.3
4	☐	625.000	621.628	531192.51	0.0575	P	2.6
5	☐	1250.000	1259.835	1080892.62	0.1166	P	1.3
6	☐	2500.000	2537.323	2167476.77	0.2348	A	2.9
7	☐	5000.000	4979.495	4266595.80	0.4608	A	0.7
8	☐			927.83	0.0001	P	4.8

$$y = 9.2530\text{E-}005 * x + 1.1954\text{E-}006$$

$$R = 1.0000$$

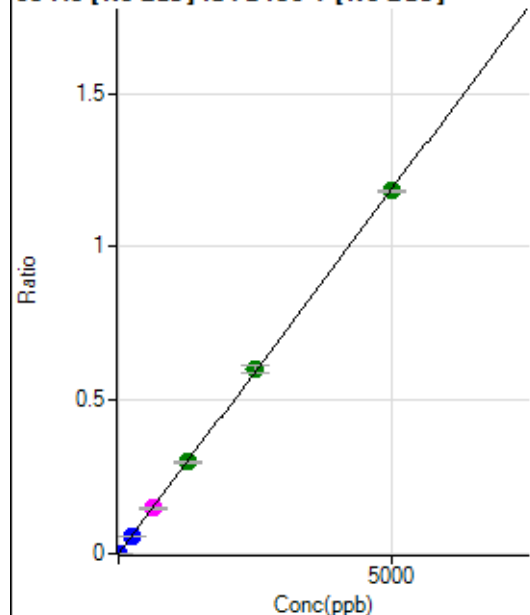
$$DL = 0.04438$$

$$BEC = 0.01292$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	34.6
2	☐	5.000	4.874	10204.00	0.0012	P	5.0
3	☐	250.000	246.706	546269.31	0.0585	P	0.9
4	☐	625.000	625.656	1370797.18	0.1484	M	2.7
5	☐	1250.000	1258.727	2769136.57	0.2986	A	0.9
6	☐	2500.000	2532.506	5546092.05	0.6008	A	3.7
7	☐	5000.000	4981.648	10945160.14	1.1819	A	0.3
8	☐			2333.60	0.0003	P	1.2

$$y = 2.3725\text{E-}004 * x + 2.9924\text{E-}006$$

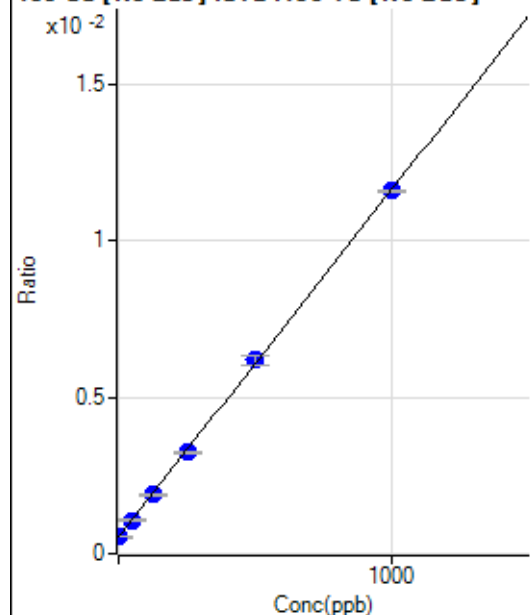
$$R = 1.0000$$

$$DL = 0.01311$$

$$BEC = 0.01261$$

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	3311.60	0.0005	P	6.0
2	☐	1.000	2.304	3294.94	0.0006	P	1.2
3	☐	50.000	47.023	6704.61	0.0011	P	5.9
4	☐	125.000	121.844	11897.14	0.0019	P	2.0
5	☐	250.000	244.021	20627.09	0.0032	P	2.5
6	☐	500.000	510.187	39056.10	0.0062	P	4.6
7	☐	1000.000	996.943	73741.46	0.0116	P	0.7
8	☐			3258.81	0.0005	P	3.7

$$y = 1.1090\text{E-}005 * x + 5.3110\text{E-}004$$

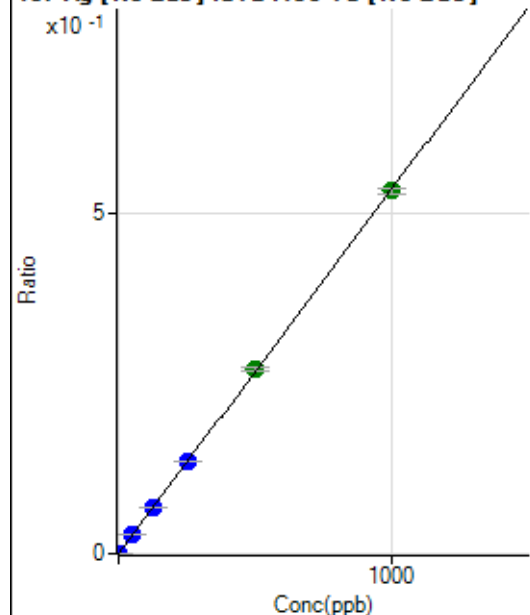
$$R = 0.9999$$

$$DL = 8.614$$

$$BEC = 47.89$$

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	75.00	0.0000	P	29.1
2	☐	1.000	0.996	3233.81	0.0005	P	0.3
3	☐	50.000	50.292	171956.96	0.0270	P	0.4
4	☐	125.000	127.914	433859.52	0.0686	P	1.4
5	☐	250.000	252.944	864847.32	0.1357	P	0.6
6	☐	500.000	505.802	1713515.14	0.2714	A	2.4
7	☐	1000.000	995.984	3401040.31	0.5344	A	1.7
8	☐			1708.48	0.0003	P	10.5

$$y = 5.3658\text{E-}004 * x + 1.2022\text{E-}005$$

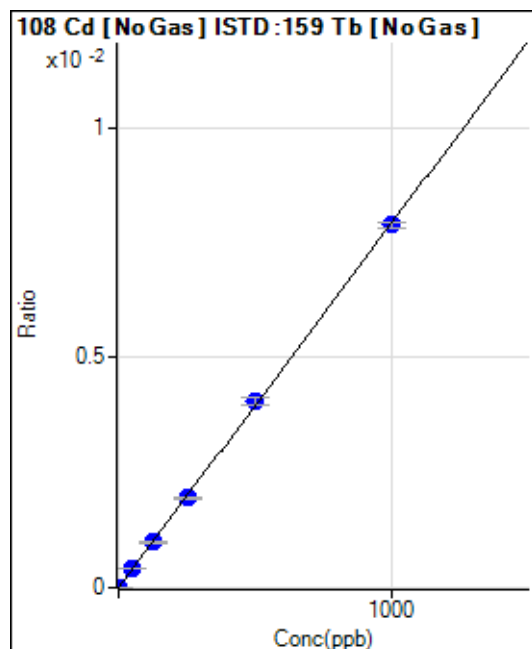
$$R = 1.0000$$

$$DL = 0.01955$$

$$BEC = 0.0224$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	96.2
2	☐	1.000	1.299	73.61	0.0000	P	38.1
3	☐	50.000	51.922	2630.84	0.0004	P	0.2
4	☐	125.000	124.941	6262.60	0.0010	P	2.0
5	☐	250.000	245.992	12414.07	0.0019	P	1.7
6	☐	500.000	510.796	25523.68	0.0040	P	3.6
7	☐	1000.000	995.515	50140.80	0.0079	P	1.6
8	☐			51.39	0.0000	P	24.3

$$y = 7.9122\text{E-}006 * x + 2.2230\text{E-}006$$

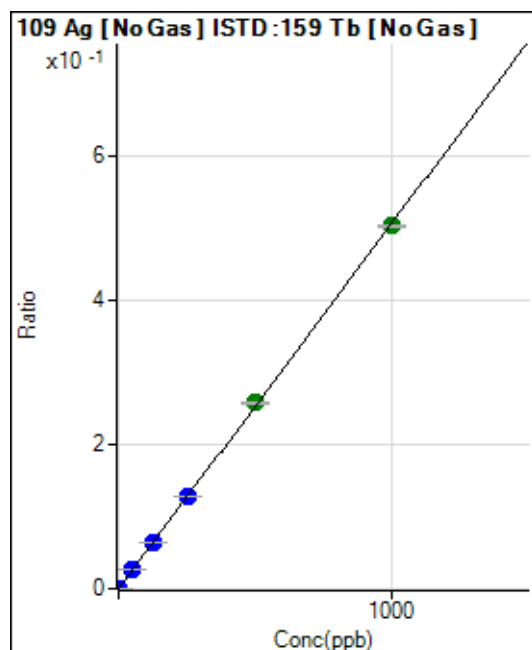
$$R = 0.9999$$

$$DL = 0.8107$$

$$BEC = 0.281$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.22	0.0000	P	27.2
2	☐	1.000	1.008	3067.09	0.0005	P	5.3
3	☐	50.000	50.523	163125.63	0.0256	P	0.5
4	☐	125.000	126.613	405568.13	0.0642	P	1.0
5	☐	250.000	253.768	819396.77	0.1286	P	0.6
6	☐	500.000	508.878	1628283.36	0.2579	A	1.6
7	☐	1000.000	994.391	3206953.18	0.5039	A	0.8
8	☐			1494.57	0.0002	P	7.2

$$y = 5.0676\text{E-}004 * x + 7.5774\text{E-}006$$

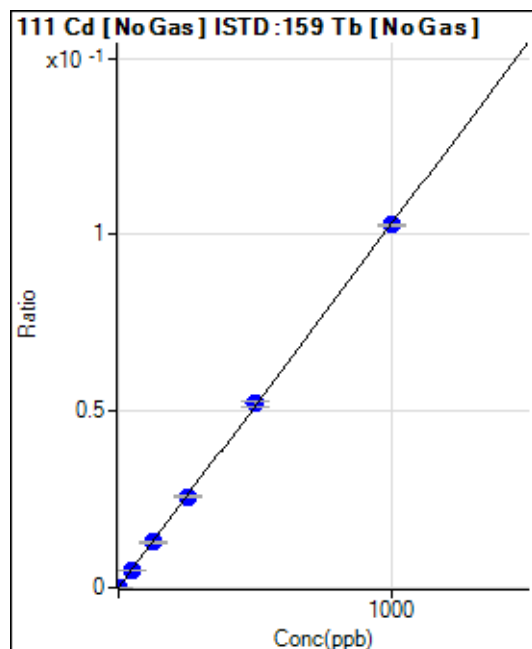
$$R = 0.9999$$

$$DL = 0.01222$$

$$BEC = 0.01495$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	331.16	0.0001	P	11.4
2	☐	1.000	1.106	989.11	0.0002	P	5.0
3	☐	50.000	48.734	32315.52	0.0051	P	1.7
4	☐	125.000	124.111	81137.04	0.0128	P	1.8
5	☐	250.000	249.221	163905.09	0.0257	P	1.7
6	☐	500.000	506.082	329412.57	0.0522	P	3.2
7	☐	1000.000	997.328	654185.51	0.1028	P	0.5
8	☐			546.86	0.0001	P	6.4

$$y = 1.0302\text{E-}004 * x + 5.3116\text{E-}005$$

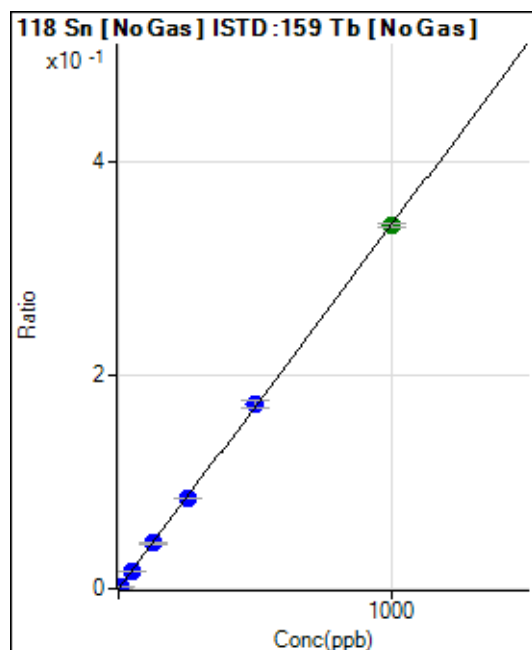
$$R = 1.0000$$

$$DL = 0.1766$$

$$BEC = 0.5156$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	247.23	0.0000	P	20.7
2	☐	5.000	4.864	10042.83	0.0017	P	3.8
3	☐	50.000	48.840	106261.01	0.0167	P	1.2
4	☐	125.000	124.571	268535.61	0.0425	P	1.6
5	☐	250.000	247.701	538074.39	0.0845	P	0.3
6	☐	500.000	507.940	1092722.87	0.1731	P	3.8
7	☐	1000.000	996.717	2161902.43	0.3397	A	1.2
8	☐			630.59	0.0001	P	6.2

$$y = 3.4078\text{E-}004 * x + 3.9651\text{E-}005$$

$$R = 0.9999$$

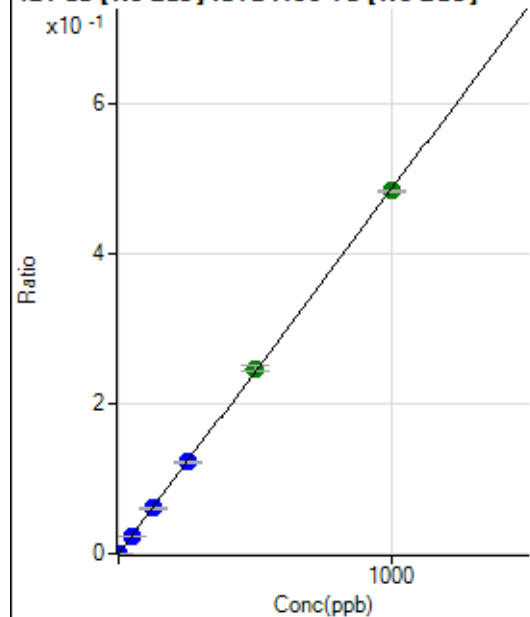
$$DL = 0.07216$$

$$BEC = 0.1164$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.9
2	☐	2.000	2.000	5745.82	0.0010	P	9.2
3	☐	50.000	49.260	152306.60	0.0239	P	0.5
4	☐	125.000	124.877	383058.28	0.0606	P	2.5
5	☐	250.000	251.050	776392.14	0.1219	P	0.7
6	☐	500.000	508.705	1558809.52	0.2469	A	2.4
7	☐	1000.000	995.437	3074901.29	0.4832	A	0.6
8	☐			1783.50	0.0003	P	0.7

$$y = 4.8539\text{E-}004 * x + 2.2290\text{E-}006$$

$$R = 0.9999$$

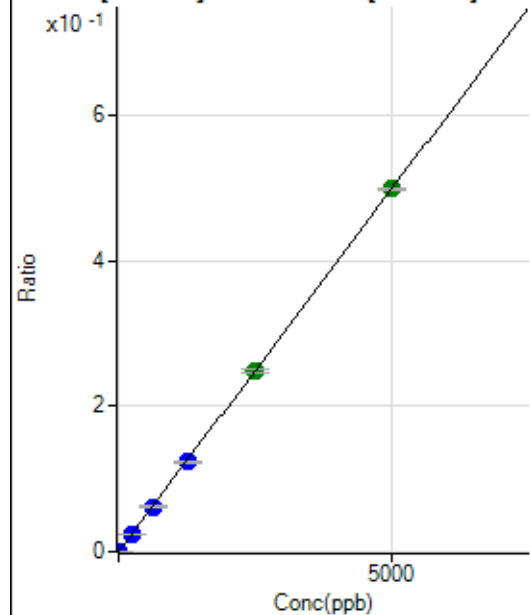
$$DL = 0.004806$$

$$BEC = 0.004592$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	62.4
2	☐	10.000	10.049	5951.47	0.0010	P	3.4
3	☐	250.000	243.739	154802.90	0.0243	P	0.2
4	☐	625.000	618.711	389857.54	0.0617	P	1.6
5	☐	1250.000	1242.438	789178.72	0.1239	P	1.5
6	☐	2500.000	2493.777	1569683.43	0.2486	A	2.1
7	☐	5000.000	5006.101	3176224.44	0.4991	A	0.7
8	☐			5459.58	0.0008	P	2.4

$$y = 9.9696\text{E-}005 * x + 4.4510\text{E-}006$$

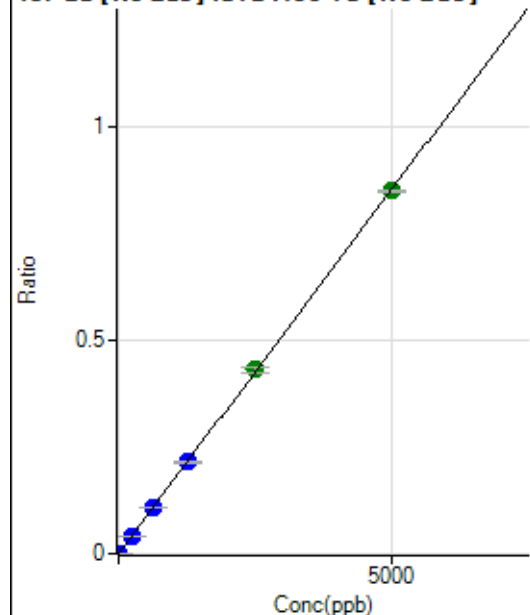
$$R = 1.0000$$

$$DL = 0.08363$$

$$BEC = 0.04465$$

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	22.22	0.0000	P	57.1
2	☐	10.000	9.839	9942.83	0.0017	P	4.4
3	☐	250.000	245.178	266363.99	0.0418	P	0.2
4	☐	625.000	625.346	674110.87	0.1067	P	0.6
5	☐	1250.000	1257.636	1366661.30	0.2145	P	0.5
6	☐	2500.000	2527.478	2721085.67	0.4311	A	3.0
7	☐	5000.000	4984.550	5410243.83	0.8501	A	0.6
8	☐			9917.77	0.0015	P	4.8

$$y = 1.7055E-004 * x + 3.5612E-006$$

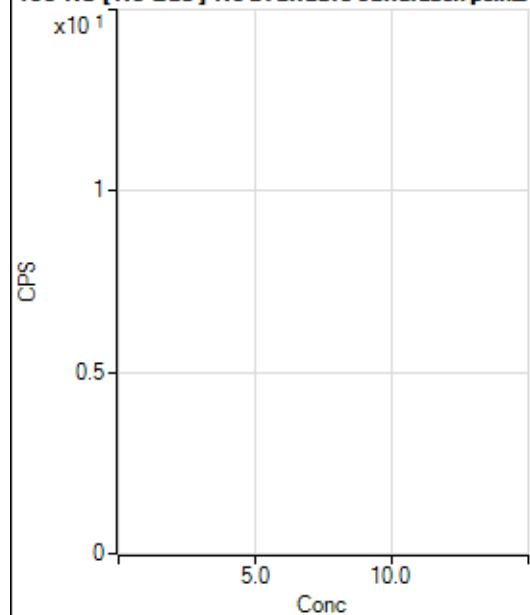
$$R = 1.0000$$

$$DL = 0.03578$$

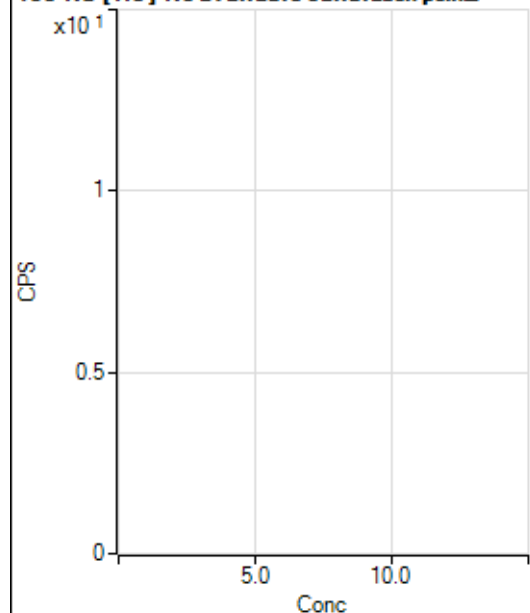
$$BEC = 0.02088$$

Weight: <None>

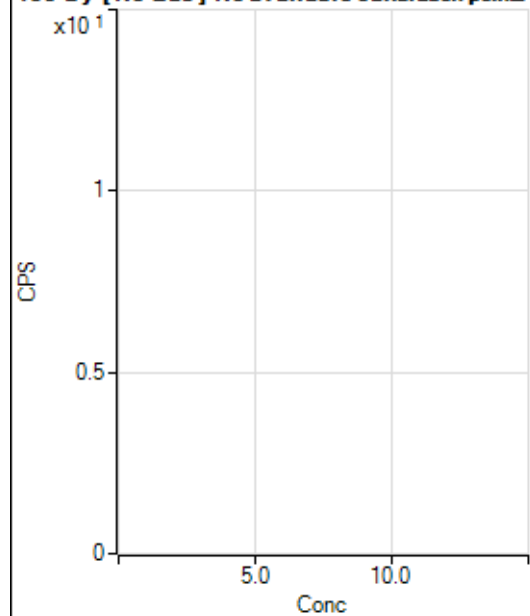
Min Conc: 0

150 Nd [No Gas] No available calibration points

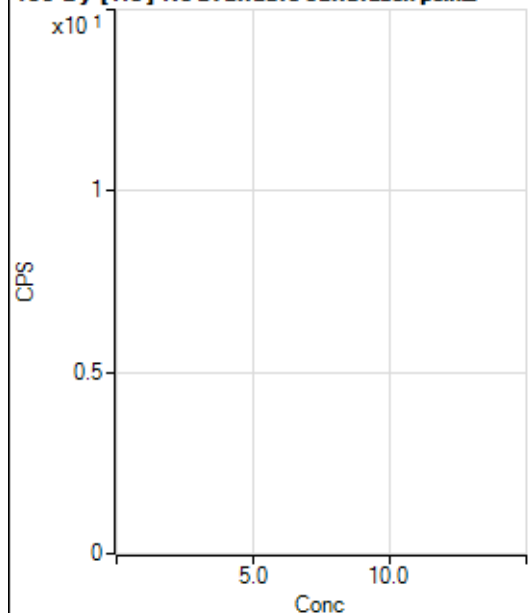
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐			11.11		P	34.6
3	☐			22.22		P	17.3
4	☐			20.00		P	88.2
5	☐			33.33		P	52.9
6	☐			77.78		P	26.2
7	☐			111.11		P	9.2
8	☐			17.78		P	21.7

150 Nd [He] No available calibration points

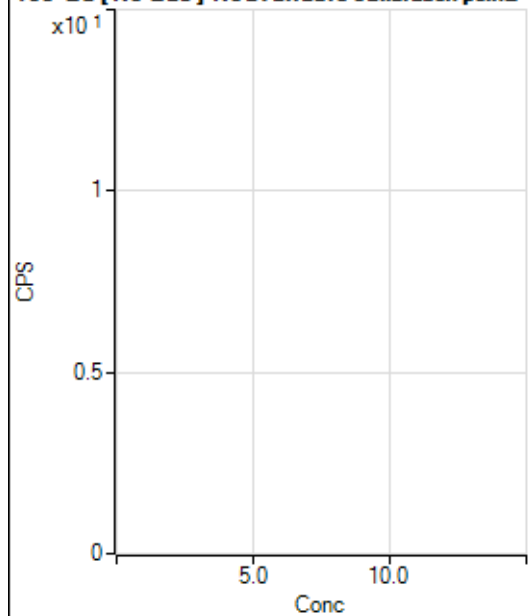
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			2.22		P	86.6
3	☐			1.11		P	173.2
4	☐			4.44		P	114.6
5	☐			3.33		P	100.1
6	☐			3.33		P	100.1
7	☐			11.11		P	34.6
8	☐			6.67		P	50.0

156 Dy [No Gas] No available calibration points

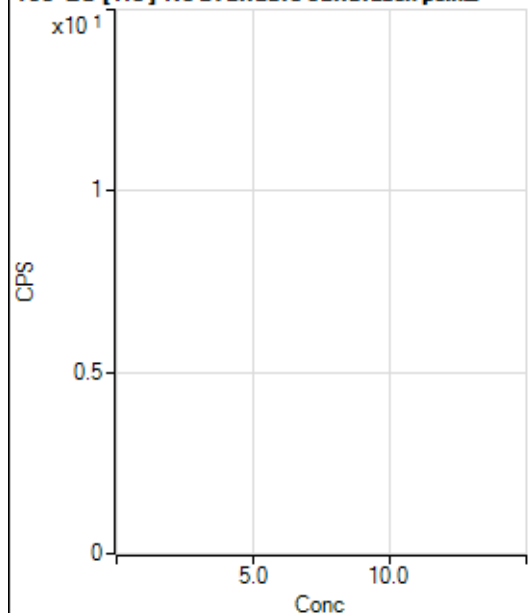
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	124.9
2	☐			11.11		P	43.3
3	☐			13.89		P	34.7
4	☐			33.33		P	50.0
5	☐			33.33		P	50.0
6	☐			30.55		P	15.7
7	☐			75.00		P	57.7
8	☐			222.23		P	7.8

156 Dy [He] No available calibration points

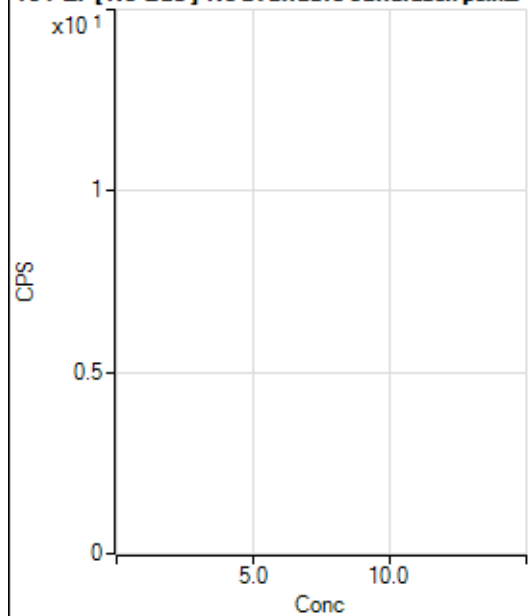
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	34.7
2	☐			3.33		P	100.1
3	☐			4.44		P	114.6
4	☐			5.56		P	34.7
5	☐			13.33		P	NaN
6	☐			13.33		P	43.3
7	☐			24.44		P	41.7
8	☐			85.56		P	20.0

160 Gd [No Gas] Noavailable calibration poin_

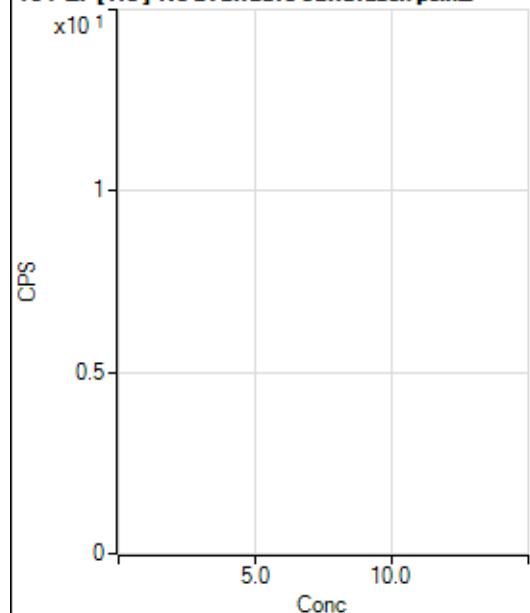
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	29.9
2	☐			105.56		P	4.6
3	☐			83.34		P	30.0
4	☐			75.00		P	11.1
5	☐			72.22		P	17.6
6	☐			119.45		P	22.4
7	☐			136.11		P	35.9
8	☐			266.68		P	8.3

160 Gd [He] No available calibration points

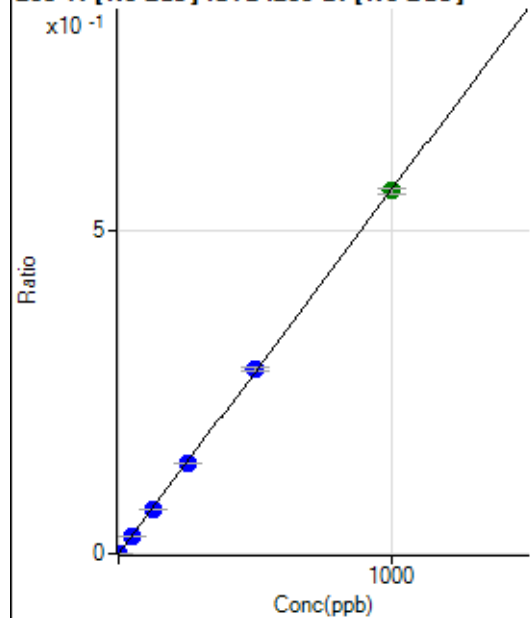
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20.00		P	44.1
2	☐			27.78		P	36.7
3	☐			34.45		P	31.1
4	☐			20.00		P	16.7
5	☐			33.33		P	40.0
6	☐			34.45		P	39.1
7	☐			41.11		P	4.7
8	☐			124.45		P	6.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			41.67		P	40.0
2	☐			25.00		P	33.3
3	☐			36.11		P	70.5
4	☐			25.00		P	66.7
5	☐			33.34		P	66.1
6	☐			19.45		P	24.7
7	☐			38.89		P	68.9
8	☐			38.89		P	44.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	49.5
2	☐			7.78		P	49.5
3	☐			12.22		P	15.7
4	☐			14.44		P	81.1
5	☐			11.11		P	45.8
6	☐			20.00		P	16.7
7	☐			18.89		P	56.7
8	☐			22.22		P	37.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	52.78	0.0000	P	50.6
2	☐	1.000	0.966	1894.64	0.0006	P	9.3
3	☐	50.000	48.360	99802.46	0.0273	P	0.5
4	☐	125.000	122.617	249420.15	0.0691	P	1.5
5	☐	250.000	249.154	508860.38	0.1404	P	1.0
6	☐	500.000	506.785	1022968.20	0.2855	P	2.2
7	☐	1000.000	997.199	2030533.23	0.5618	A	1.3
8	☐			1269.55	0.0004	P	8.1

$$y = 5.6338\text{E-}004 * x + 1.4657\text{E-}005$$

$$R = 1.0000$$

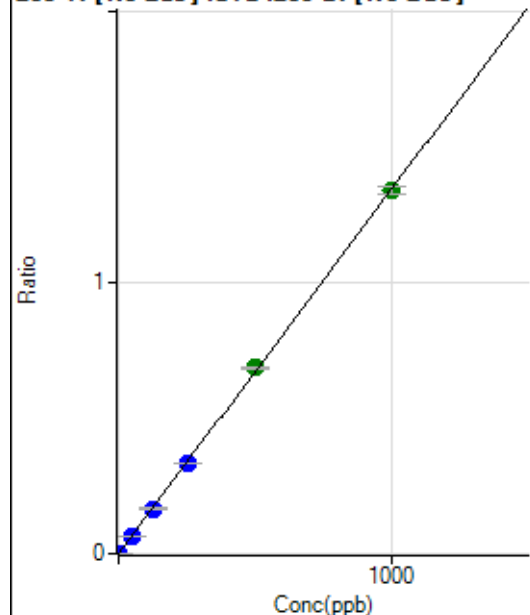
$$DL = 0.03946$$

$$BEC = 0.02602$$

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	116.67	0.0000	P	11.5
2	☐	1.000	0.956	4464.80	0.0013	P	2.2
3	☐	50.000	48.210	236916.59	0.0647	P	0.9
4	☐	125.000	123.696	599272.01	0.1660	P	1.2
5	☐	250.000	248.998	1211113.11	0.3341	P	0.5
6	☐	500.000	509.535	2449760.62	0.6837	A	1.5
7	☐	1000.000	995.736	4828536.61	1.3360	A	2.1
8	☐			2833.73	0.0008	P	12.0

$$y = 0.0013 * x + 3.2408E-005$$

$$R = 0.9999$$

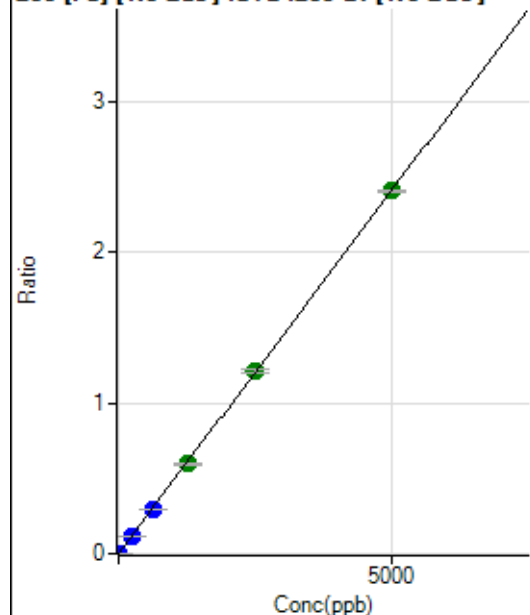
$$DL = 0.008366$$

$$BEC = 0.02415$$

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	461.13	0.0001	P	11.3
2	☐	1.000	0.964	2011.30	0.0006	P	5.8
3	☐	250.000	238.242	421121.69	0.1150	P	1.4
4	☐	625.000	604.367	1052770.59	0.2916	P	1.6
5	☐	1250.000	1242.103	2171945.30	0.5992	A	2.1
6	☐	2500.000	2515.143	4347068.65	1.2133	A	1.9
7	☐	5000.000	4997.569	8713063.04	2.4106	A	0.7
8	☐			2281.72	0.0007	P	1.6

$$y = 4.8234E-004 * x + 1.2817E-004$$

$$R = 1.0000$$

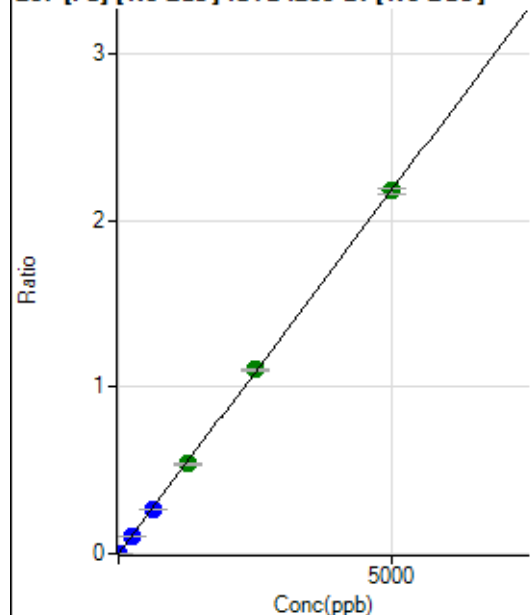
$$DL = 0.09024$$

$$BEC = 0.2657$$

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	422.24	0.0001	P	8.9
2	☐	1.000	0.845	1650.14	0.0005	P	6.1
3	☐	250.000	233.685	373850.25	0.1021	P	0.7
4	☐	625.000	598.643	943782.28	0.2614	P	0.8
5	☐	1250.000	1240.698	1963479.30	0.5417	A	1.9
6	☐	2500.000	2527.766	3953812.39	1.1035	A	2.0
7	☐	5000.000	4992.553	7876707.87	2.1794	A	1.6
8	☐			1918.71	0.0006	P	6.7

$$y = 4.3650\text{E-}004 * x + 1.1743\text{E-}004$$

$$R = 1.0000$$

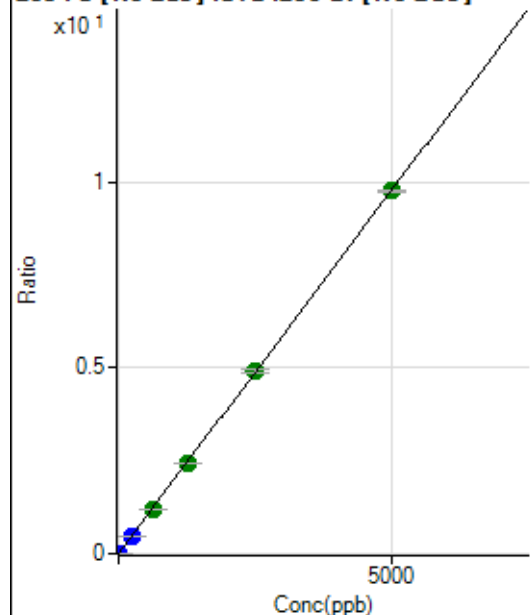
$$DL = 0.07207$$

$$BEC = 0.269$$

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	1887.13	0.0005	P	8.2
2	☐	1.000	0.945	8051.15	0.0024	P	7.8
3	☐	250.000	237.198	1701106.14	0.4647	P	1.4
4	☐	625.000	609.922	4310724.13	1.1941	A	1.1
5	☐	1250.000	1248.445	8857539.64	2.4437	A	1.1
6	☐	2500.000	2516.613	17646876.73	4.9254	A	2.1
7	☐	5000.000	4994.607	35329779.90	9.7747	A	0.8
8	☐			8808.74	0.0025	P	2.7

$$y = 0.0020 * x + 5.2457\text{E-}004$$

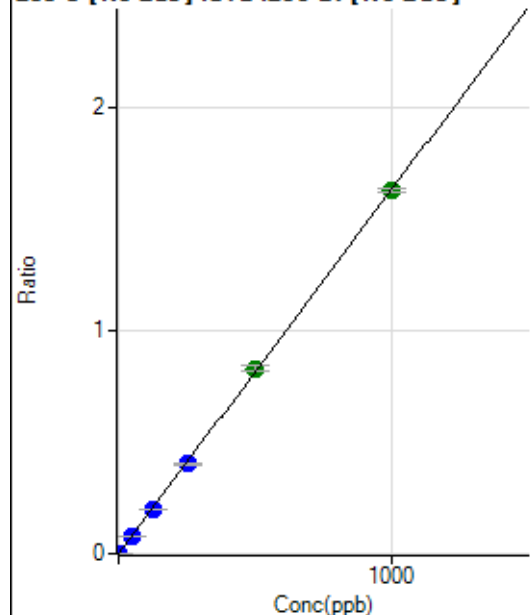
$$R = 1.0000$$

$$DL = 0.06629$$

$$BEC = 0.2681$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5.56	0.0000	P	173.2
2	☐	1.000	0.951	5284.57	0.0016	P	1.4
3	☐	50.000	47.989	287220.99	0.0785	P	0.6
4	☐	125.000	121.414	716555.97	0.1985	P	1.4
5	☐	250.000	246.529	1460953.29	0.4030	P	0.8
6	☐	500.000	509.349	2983277.43	0.8327	A	2.6
7	☐	1000.000	996.742	5889764.02	1.6295	A	1.1
8	☐			600.03	0.0002	P	11.0

$$y = 0.0016 * x + 1.5609E-006$$

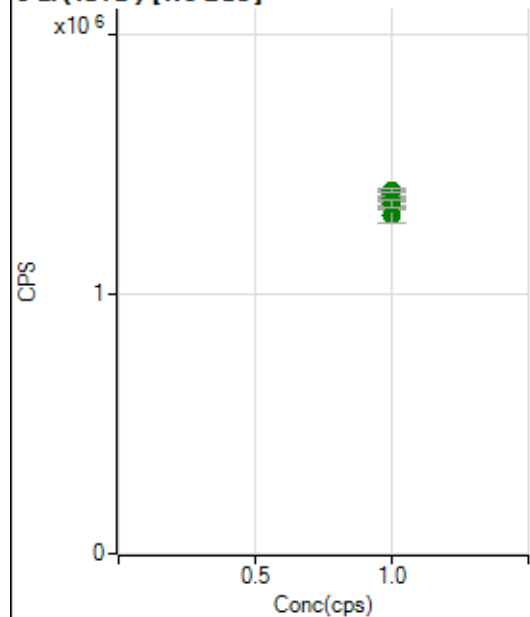
$$R = 0.9999$$

$$DL = 0.004961$$

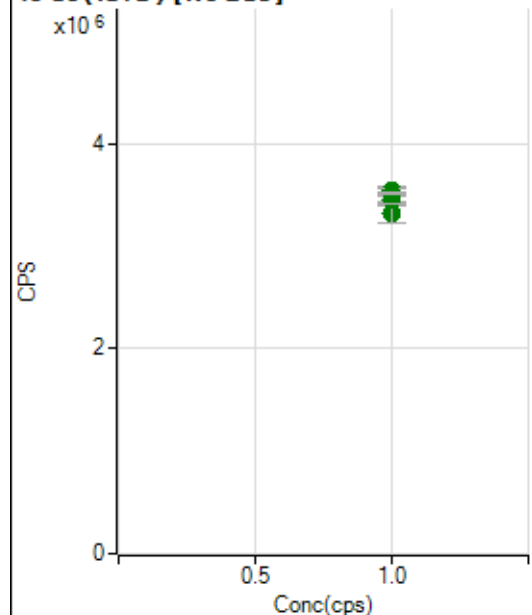
$$BEC = 0.0009547$$

Weight: <None>

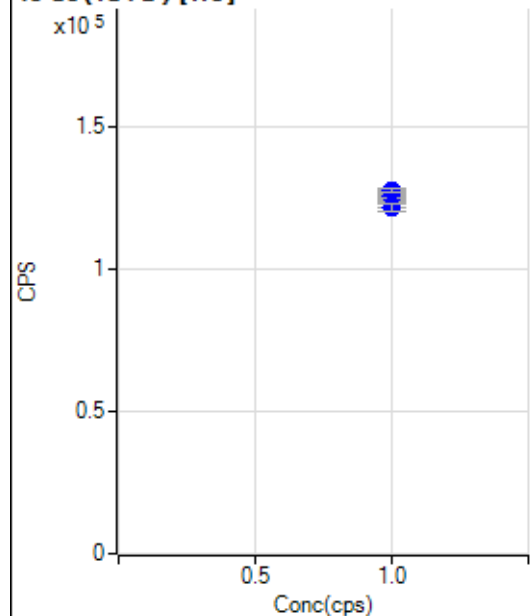
Min Conc: 0

6 Li (ISTD) [No Gas]

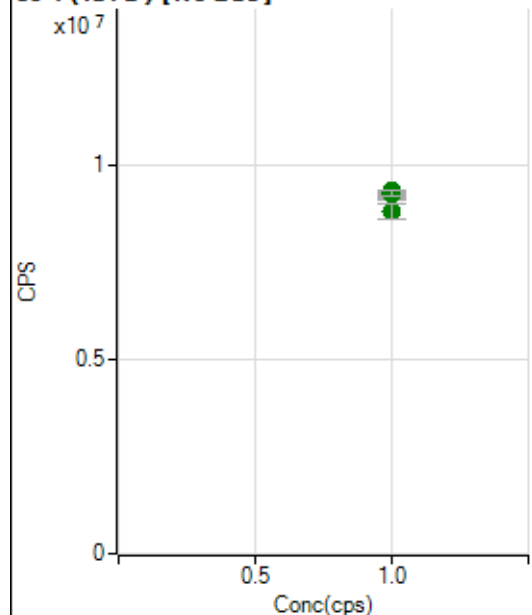
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1341901.15		A	0.4
2	☐	1.000		1303735.51		A	4.0
3	☐	1.000		1366122.07		A	1.6
4	☐	1.000		1379787.00		A	2.3
5	☐	1.000		1388807.84		A	2.0
6	☐	1.000		1373508.36		A	1.1
7	☐	1.000		1348952.03		A	2.2
8	☐	1.000		1400081.06		A	1.1

45 Sc (ISTD) [No Gas]

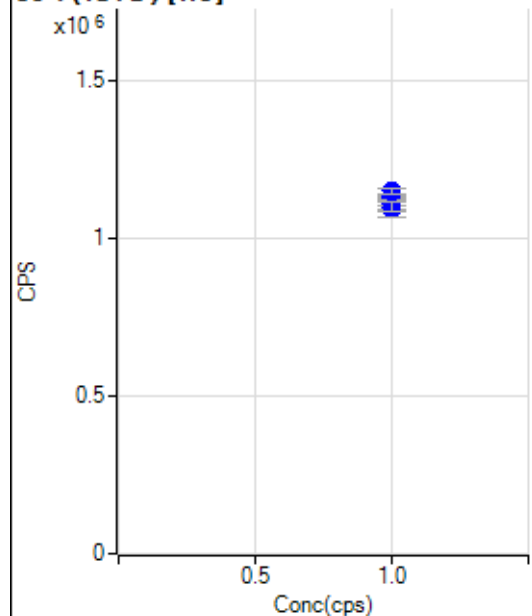
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3489348.53		A	0.6
2	☐	1.000		3317599.64		A	5.1
3	☐	1.000		3538278.94		A	2.2
4	☐	1.000		3516627.34		A	0.6
5	☐	1.000		3537084.18		A	1.4
6	☐	1.000		3499595.23		A	4.0
7	☐	1.000		3443204.39		A	2.1
8	☐	1.000		3510831.37		A	0.6

45 Sc (ISTD) [He]

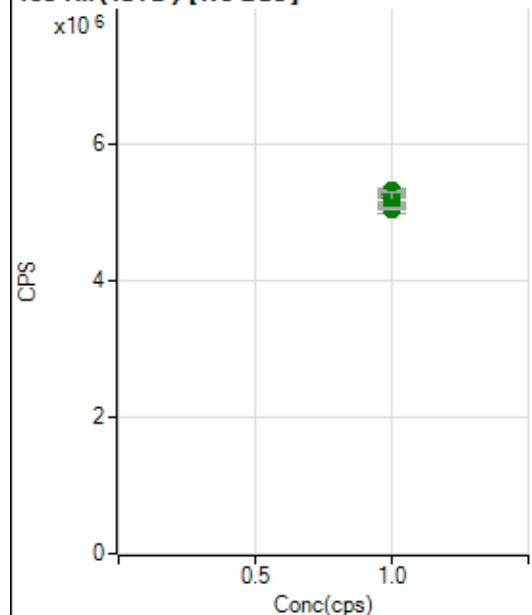
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		124100.91		P	4.0
2	☐	1.000		127194.45		P	0.7
3	☐	1.000		125236.99		P	2.3
4	☐	1.000		125321.99		P	0.8
5	☐	1.000		124086.64		P	0.2
6	☐	1.000		126052.80		P	0.8
7	☐	1.000		121797.92		P	2.5
8	☐	1.000		127728.10		P	1.1

89 Y (ISTD) [No Gas]

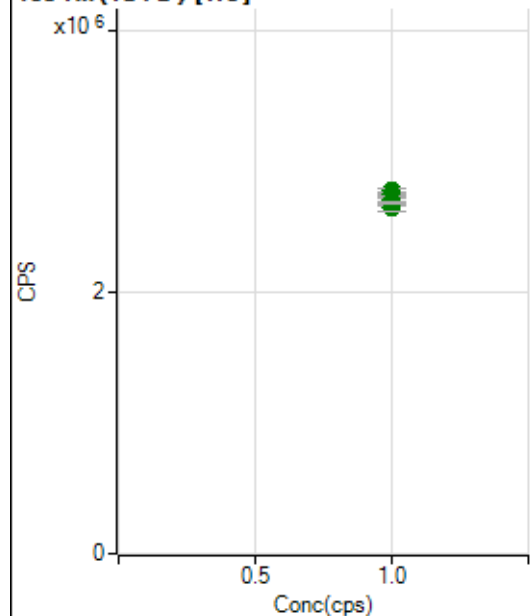
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9282602.08		A	0.2
2	☐	1.000		8812124.04		A	4.1
3	☐	1.000		9332733.61		A	0.9
4	☐	1.000		9237567.71		A	1.8
5	☐	1.000		9273708.82		A	2.1
6	☐	1.000		9237206.53		A	2.9
7	☐	1.000		9260541.53		A	1.3
8	☐	1.000		9293401.39		A	1.6

89 Y (ISTD) [He]

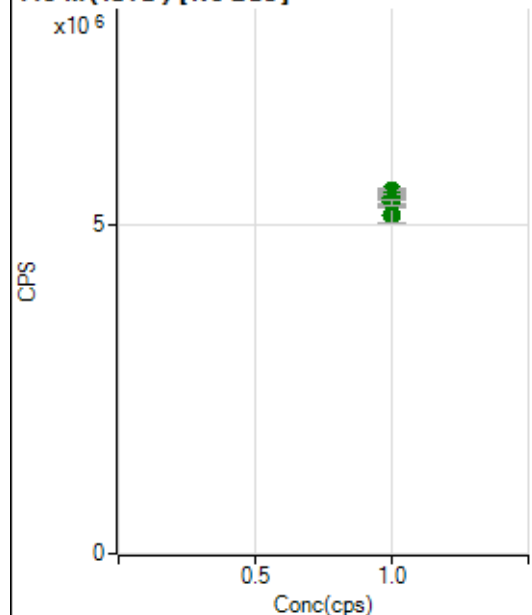
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1094218.28		P	4.3
2	☐	1.000		1132980.98		P	0.3
3	☐	1.000		1106715.65		P	2.9
4	☐	1.000		1129613.82		P	1.0
5	☐	1.000		1110964.97		P	0.8
6	☐	1.000		1133381.33		P	1.2
7	☐	1.000		1101412.48		P	2.4
8	☐	1.000		1152104.25		P	1.6

103 Rh (ISTD) [No Gas]

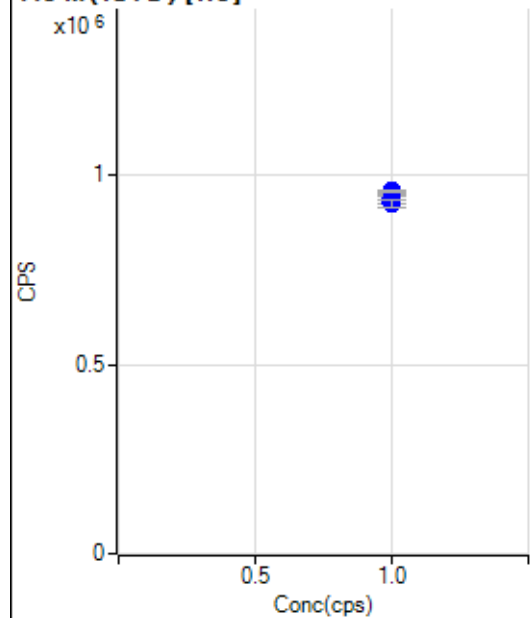
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5266634.67		A	0.9
2	☐	1.000		5075933.54		A	3.0
3	☐	1.000		5315214.10		A	1.6
4	☐	1.000		5299026.46		A	0.4
5	☐	1.000		5262490.18		A	1.8
6	☐	1.000		5207342.13		A	3.0
7	☐	1.000		5067891.95		A	0.8
8	☐	1.000		5051209.57		A	0.5

103 Rh (ISTD) [He]

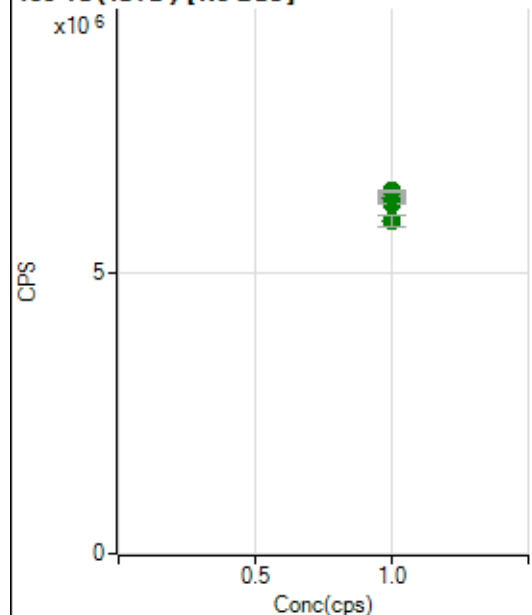
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2678333.92		A	4.2
2	☐	1.000		2778337.39		A	1.1
3	☐	1.000		2722705.34		A	2.4
4	☐	1.000		2748961.49		A	1.0
5	☐	1.000		2702252.89		A	2.1
6	☐	1.000		2735783.05		A	0.6
7	☐	1.000		2645220.69		A	1.8
8	☐	1.000		2688308.54		A	1.0

115 In (ISTD) [No Gas]

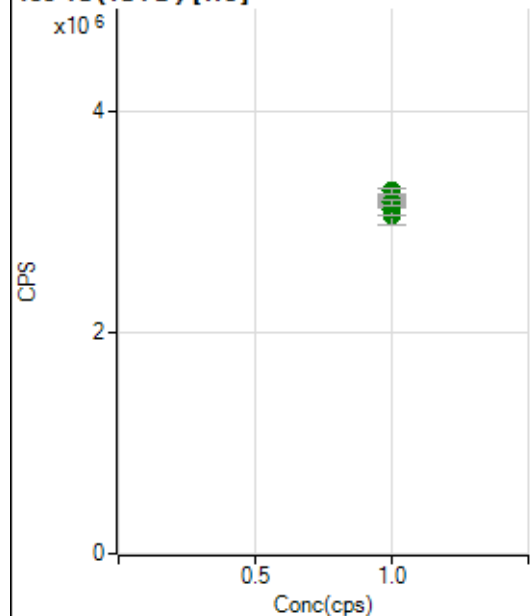
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5501211.14		A	0.6
2	☐	1.000		5160957.45		A	4.9
3	☐	1.000		5528520.31		A	1.7
4	☐	1.000		5493727.15		A	1.1
5	☐	1.000		5434391.50		A	0.6
6	☐	1.000		5410864.24		A	2.5
7	☐	1.000		5365963.46		A	1.5
8	☐	1.000		5349482.22		A	1.7

115 In (ISTD) [He]

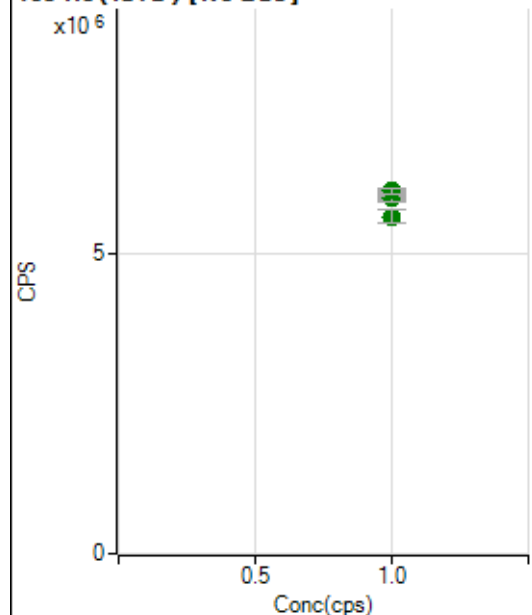
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		933221.66		P	4.1
2	☐	1.000		960020.17		P	0.8
3	☐	1.000		941628.57		P	3.2
4	☐	1.000		958192.94		P	1.0
5	☐	1.000		941056.45		P	1.0
6	☐	1.000		958435.12		P	0.8
7	☐	1.000		926045.68		P	2.3
8	☐	1.000		960118.02		P	0.7

159 Tb (ISTD) [No Gas]

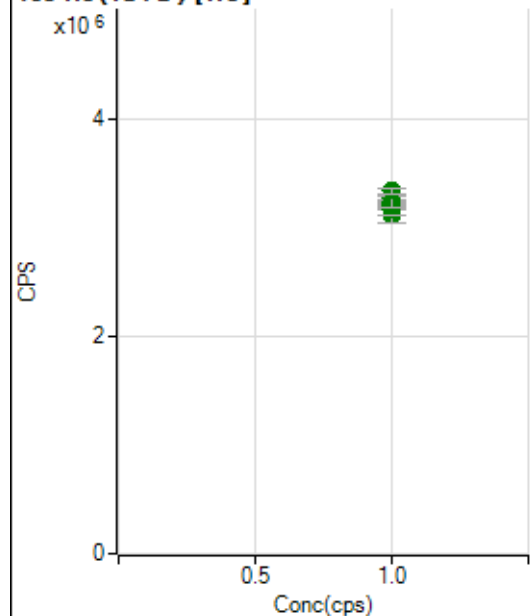
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6235718.80		A	0.3
2	☐	1.000		5919124.77		A	3.8
3	☐	1.000		6369348.17		A	0.1
4	☐	1.000		6320538.58		A	1.1
5	☐	1.000		6371514.49		A	0.9
6	☐	1.000		6315732.82		A	2.7
7	☐	1.000		6363993.79		A	0.3
8	☐	1.000		6453455.67		A	0.6

159 Tb (ISTD) [He]

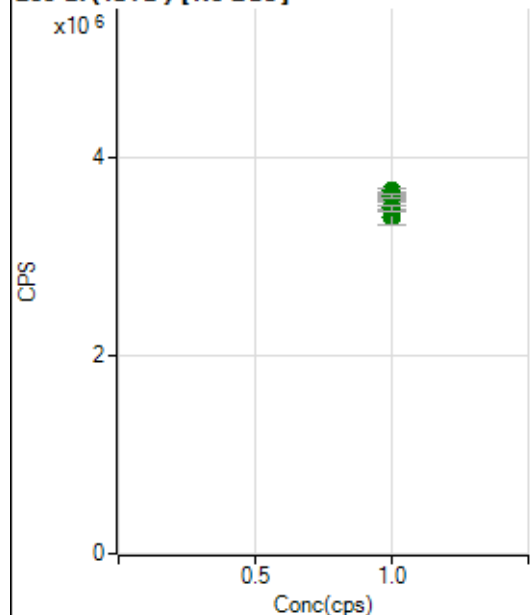
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3062418.25		A	5.3
2	☐	1.000		3153082.80		A	1.8
3	☐	1.000		3118536.97		A	3.4
4	☐	1.000		3186838.39		A	2.4
5	☐	1.000		3161103.11		A	0.5
6	☐	1.000		3240808.63		A	0.8
7	☐	1.000		3174696.69		A	2.0
8	☐	1.000		3280289.60		A	1.6

165 Ho (ISTD) [No Gas]

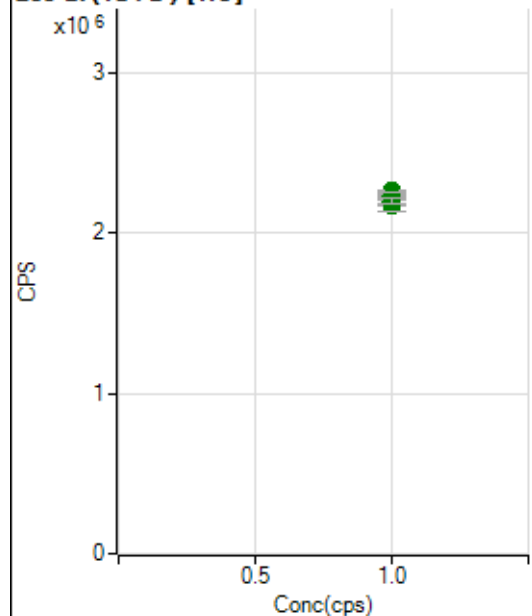
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5918784.16		A	0.7
2	☐	1.000		5614596.05		A	3.7
3	☐	1.000		5970336.59		A	0.9
4	☐	1.000		5957216.28		A	1.3
5	☐	1.000		5997506.17		A	1.1
6	☐	1.000		6004641.02		A	2.1
7	☐	1.000		5915881.43		A	1.3
8	☐	1.000		6043810.38		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3101268.49		A	3.9
2	☐	1.000		3191381.69		A	0.7
3	☐	1.000		3162632.52		A	3.2
4	☐	1.000		3197103.11		A	0.7
5	☐	1.000		3208806.76		A	1.9
6	☐	1.000		3275411.93		A	1.3
7	☐	1.000		3228538.08		A	3.3
8	☐	1.000		3333758.25		A	1.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3597560.57		A	1.0
2	☐	1.000		3397476.86		A	4.1
3	☐	1.000		3661033.63		A	1.3
4	☐	1.000		3610308.14		A	1.2
5	☐	1.000		3624915.53		A	0.8
6	☐	1.000		3583779.11		A	1.9
7	☐	1.000		3614607.79		A	1.2
8	☐	1.000		3485940.68		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2177006.22		A	4.1
2	☐	1.000		2235722.22		A	1.9
3	☐	1.000		2214629.58		A	3.5
4	☐	1.000		2243215.85		A	0.5
5	☐	1.000		2236607.62		A	1.3
6	☐	1.000		2265543.75		A	0.2
7	☐	1.000		2237137.07		A	2.1
8	☐	1.000		2199936.55		A	1.8

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8101220 MS.b
Acq. Date-Time 2020-10-12 11:38:25
Report Comment ---
Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		2441	24414.45			0.730	5.000
24		39587	395866.80			0.794	5.000
25		5310	53100.77			1.420	5.000
26		6084	60842.29			1.549	5.000
59		19166	191662.18			0.978	5.000
113		3194	31943.75			0.805	5.000
115		9249	92490.95			0.881	5.000
206		3767	37674.34			1.163	5.000
207		3165	31646.79			1.333	5.000
208		7759	77587.51			1.343	5.000
220		1	6.30			19.921	

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

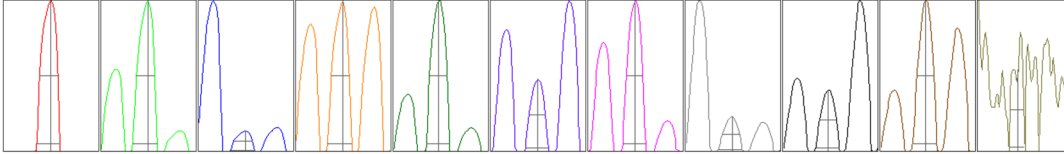
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	2440	2411	2453	2454	2450
24	39075	39544	39852	39633	39829
25	5195	5295	5382	5304	5374
26	5964	6014	6150	6102	6192
59	18838	19195	19264	19238	19297
113	3180	3168	3181	3230	3213
115	9122	9217	9288	9293	9326
206	3696	3762	3813	3787	3779
207	3104	3149	3219	3172	3179
208	7595	7806	7877	7745	7772

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	4518.38	9.00	8.90 - 9.10	
24	72695.49	24.00	23.90 - 24.10	
25	9685.22	25.00	24.90 - 25.10	
26	11453.02	26.00	25.90 - 26.10	
59	36500.86	58.95	58.90 - 59.10	
113	6535.85	113.00	112.90 - 113.10	
115	18797.30	115.00	114.90 - 115.10	
206	7338.71	206.00	205.90 - 206.10	
207	6122.86	206.95	206.90 - 207.10	
208	15111.45	207.95	207.90 - 208.10	
220	0.65	219.80	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.57	0.732	0.900	
24	0.57	0.779	0.900	
25	0.58	0.762	0.900	
26	0.56	0.776	0.900	
59	0.55	0.731	0.900	
113	0.51	0.722	0.900	
115	0.51	0.726	0.900	
206	0.54	0.744	0.900	
207	0.53	0.744	0.900	
208	0.54	0.770	0.900	
220	0.44	0.494		

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	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.5 V	Deflect	13.2 V
Extract 2	-230.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-100 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	160 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	-0.4 mm
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EM

Discriminator	4.0 mV	Analog HV	2181 V	Pulse HV	1312 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		4640	46399.18			2.515	
89		2895	28946.75			2.933	
205		10437	104372.68			3.596	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	4725	4675	4440	4718	4641
89	2922	2915	2746	2962	2928
205	10609	10497	9778	10699	10603

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	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	11.5 V	Deflect	3.8 V
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US EPA Tune Check Report

Extract 2	-230.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-100 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	122	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.7 mm	Torch V	-0.4 mm		
EM					
Discriminator	4.0 mV	Analog HV	2181 V	Pulse HV	1312 V

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:10:25 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	306	302	324	311	3.65	cps
Antimony	121-1	17	8	17	14	34.67	cps
Arsenic	75-2	6	14	9	10	41.81	cps
Barium	135-1	42	33	8	28	62.46	cps
Barium	137-1	8	33	25	22	57.29	cps
Beryllium	9-1	32	30	32	31	3.69	cps
Bismuth	209-1	3628818	3560011	3603852	3597561	0.97	cps
Bismuth	209-2	2233206	2224919	2072893	2177006	4.15	cps
Boron	11-1	326	330	388	348	9.97	cps
Boron	10-1	100	60	74	78	26.02	cps
Bromine	81-1	2583	2273	2433	2429	6.39	cps
Cadmium	106-1	3134	3284	3517	3312	5.83	cps
Cadmium	108-1	8	29	4	14	96.44	cps
Cadmium	111-1	308	312	374	331	11.17	cps
Calcium	43-1	362	371	382	372	2.69	cps
Calcium	44-1	28521	28523	28576	28540	0.11	cps
Chromium	52-2	953	873	1067	964	10.07	cps
Cobalt	59-2	30	47	47	41	23.41	cps
Copper	63-2	600	690	650	647	6.97	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	42	25	42	40.00	cps
Erbium	164-2	7	20	20	16	49.47	cps
Gadolinium	160-1	67	108	67	81	29.86	cps
Gadolinium	160-2	30	13	17	20	44.10	cps
Holmium	165-1	5884341	5966267	5905745	5918784	0.72	cps
Holmium	165-2	3137909	3198152	2967744	3101268	3.85	cps
Indium	115-1	5536895	5489764	5476975	5501211	0.57	cps
Indium	115-2	956085	954015	889565	933222	4.05	cps
Iron	54-2	278	278	317	291	7.72	cps
Iron	56-2	1922	1806	1800	1843	3.75	cps
Iron	57-2	117	89	78	94	21.21	cps
Krypton	83-1	377	473	427	426	11.36	cps
Lead	207-1	406	461	400	422	8.00	cps
Lead	208-1	1783	1811	2067	1887	8.28	cps
Lead	206-1	433	428	522	461	11.49	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:10:25	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1337485	1347370	1340848	1341901	0.37	cps
Magnesium	24-2	258	308	283	283	8.82	cps
Manganese	55-2	40	53	47	47	14.28	cps
Molybdenum	94-1	158	167	158	161	2.98	cps
Molybdenum	95-1	33	33	25	31	15.74	cps
Molybdenum	96-1	133	100	133	122	15.75	cps
Molybdenum	97-1	0	8	25	11	114.58	cps
Molybdenum	98-1	33	17	33	28	34.63	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	120	160	183	154	20.74	cps
Phosphorus	31-2	150	208	200	186	16.95	cps
Potassium	39-2	19797	18729	20307	19611	4.10	cps
Rhodium	103-1	5262545	5221716	5315643	5266635	0.89	cps
Rhodium	103-2	2729499	2756856	2548647	2678334	4.22	cps
Scandium	45-1	3469895	3510252	3487898	3489349	0.58	cps
Scandium	45-2	127323	126560	118420	124101	3.98	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	35	31	38	35	10.13	cps
Selenium	82-1	50	-88	-9	-16	-443.30	cps
Silicon	28-1	707266	705163	704788	705739	0.19	cps
Silver	109-1	50	33	58	47	26.97	cps
Silver	107-1	58	100	67	75	29.39	cps
Sodium	23-2	12931	12781	13348	13020	2.26	cps
Strontium	86-1	575	567	592	578	2.20	cps
Strontium	88-1	100	133	108	114	15.23	cps
Sulfur	34-1	415326	423048	424459	420944	1.17	cps
Terbium	159-1	6231556	6257359	6218242	6235719	0.32	cps
Terbium	159-2	3115013	3192728	2879514	3062418	5.33	cps
Thallium	203-1	42	33	83	53	50.76	cps
Thallium	205-1	125	100	125	117	12.37	cps
Tin	118-1	192	258	292	247	20.59	cps
Titanium	47-1	425	467	400	431	7.82	cps
Uranium	238-1	0	17	0	6	173.21	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	9266642	9283478	9297686	9282602	0.17	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:10:25	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1112192	1129386	1041077	1094218	4.28	cps
Zinc	66-2	143	100	160	134	23.04	cps
Zirconium	90-1	367	417	400	394	6.46	cps
Zirconium	91-1	108	50	50	69	48.50	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:13:34 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	661	581	664	635	7.38	cps
Antimony	121-1	6035	5810	5393	5746	5.67	cps
Arsenic	75-2	122	116	109	116	5.62	cps
Barium	135-1	6001	5860	5993	5951	1.34	cps
Barium	137-1	9946	10012	9871	9943	0.71	cps
Beryllium	9-1	584	598	538	573	5.47	cps
Bismuth	209-1	3319359	3313628	3559444	3397477	4.13	cps
Bismuth	209-2	2277390	2191356	2238420	2235722	1.93	cps
Boron	11-1	4070	4428	4808	4435	8.32	cps
Boron	10-1	768	916	1014	899	13.77	cps
Bromine	81-1	2232	2423	2222	2293	4.92	cps
Cadmium	106-1	3259	3184	3442	3295	4.03	cps
Cadmium	108-1	58	104	58	74	35.95	cps
Cadmium	111-1	1002	912	1053	989	7.23	cps
Calcium	43-1	3869	3735	3718	3774	2.19	cps
Calcium	44-1	82705	84477	83082	83421	1.12	cps
Chromium	52-2	2624	2264	2344	2410	7.84	cps
Cobalt	59-2	1390	1460	1417	1422	2.48	cps
Copper	63-2	2900	2987	2860	2916	2.22	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	25	33	17	25	33.32	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	108	100	108	106	4.56	cps
Gadolinium	160-2	37	30	17	28	36.66	cps
Holmium	165-1	5510411	5476728	5856649	5614596	3.75	cps
Holmium	165-2	3208789	3165212	3200145	3191382	0.72	cps
Indium	115-1	4989247	5041524	5452101	5160957	4.91	cps
Indium	115-2	964631	964215	951215	960020	0.79	cps
Iron	54-2	1984	2039	1867	1963	4.48	cps
Iron	56-2	30989	31440	31162	31197	0.73	cps
Iron	57-2	756	744	833	778	6.23	cps
Krypton	83-1	363	410	433	402	8.86	cps
Lead	207-1	1600	1717	1633	1650	3.64	cps
Lead	208-1	7934	8451	7768	8051	4.43	cps
Lead	206-1	2056	2006	1972	2011	2.09	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:13:34	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1272727	1274021	1364459	1303736	4.03	cps
Magnesium	24-2	23244	23545	22192	22994	3.09	cps
Manganese	55-2	427	390	433	417	5.60	cps
Molybdenum	94-1	5460	5359	5601	5473	2.22	cps
Molybdenum	95-1	6477	6352	7002	6610	5.22	cps
Molybdenum	96-1	6877	7869	7352	7366	6.74	cps
Molybdenum	97-1	4042	4059	3442	3848	9.13	cps
Molybdenum	98-1	10029	10404	10179	10204	1.85	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	517	563	510	530	5.48	cps
Phosphorus	31-2	150	200	117	156	26.97	cps
Potassium	39-2	37909	37391	38427	37909	1.37	cps
Rhodium	103-1	4958404	5021610	5247787	5075934	3.00	cps
Rhodium	103-2	2804224	2787032	2743756	2778337	1.12	cps
Scandium	45-1	3184001	3260475	3508323	3317600	5.11	cps
Scandium	45-2	127790	126113	127680	127194	0.74	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	45	63	52	53	17.02	cps
Selenium	82-1	227	248	222	232	5.93	cps
Silicon	28-1	718810	718979	718887	718892	0.01	cps
Silver	109-1	3184	2909	3109	3067	4.64	cps
Silver	107-1	3150	3175	3376	3234	3.82	cps
Sodium	23-2	56184	56970	55807	56320	1.05	cps
Strontium	86-1	1567	1350	1425	1447	7.60	cps
Strontium	88-1	7002	7319	6969	7096	2.72	cps
Sulfur	34-1	426063	424076	426062	425400	0.27	cps
Terbium	159-1	5783510	5792059	6181806	5919125	3.84	cps
Terbium	159-2	3154423	3209992	3094833	3153083	1.83	cps
Thallium	203-1	1884	2009	1792	1895	5.74	cps
Thallium	205-1	4301	4468	4626	4465	3.64	cps
Tin	118-1	9512	10246	10371	10043	4.62	cps
Titanium	47-1	2434	2042	2192	2222	8.89	cps
Uranium	238-1	5243	5093	5518	5285	4.08	cps
Vanadium	51-2	3044	2894	3114	3017	3.73	cps
Yttrium	89-1	8684369	8532620	9219383	8812124	4.09	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:13:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1131655	1130334	1136955	1132981	0.31	cps
Zinc	66-2	453	320	510	428	22.80	cps
Zirconium	90-1	4668	4576	4568	4604	1.21	cps
Zirconium	91-1	1092	1142	967	1067	8.45	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:16:44 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16183	15884	15964	16011	0.97	cps
Antimony	121-1	152604	151322	152993	152307	0.57	cps
Arsenic	75-2	5737	5660	5654	5683	0.81	cps
Barium	135-1	154618	154641	155150	154803	0.19	cps
Barium	137-1	266564	265470	267057	266364	0.30	cps
Beryllium	9-1	26967	27510	26737	27071	1.47	cps
Bismuth	209-1	3714798	3625754	3642549	3661034	1.29	cps
Bismuth	209-2	2251298	2267375	2125216	2214630	3.52	cps
Boron	11-1	9123	9841	10782	9915	8.39	cps
Boron	10-1	1860	2076	2216	2050	8.75	cps
Bromine	81-1	2082	2483	2423	2329	9.27	cps
Cadmium	106-1	7094	6293	6727	6705	5.98	cps
Cadmium	108-1	2634	2621	2638	2631	0.33	cps
Cadmium	111-1	32875	31692	32380	32316	1.84	cps
Calcium	43-1	36818	36872	37375	37022	0.83	cps
Calcium	44-1	631848	630876	633624	632116	0.22	cps
Chromium	52-2	41366	40821	41280	41156	0.71	cps
Cobalt	59-2	73036	73538	73542	73372	0.40	cps
Copper	63-2	558986	548279	553974	553746	0.97	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	8	58	42	36	70.51	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	58	108	83	83	30.00	cps
Gadolinium	160-2	30	47	27	34	31.11	cps
Holmium	165-1	5922691	5961983	6026336	5970337	0.88	cps
Holmium	165-2	3253825	3180668	3053405	3162633	3.21	cps
Indium	115-1	5634058	5478101	5473402	5528520	1.65	cps
Indium	115-2	958225	959338	907323	941629	3.16	cps
Iron	54-2	88148	87343	88355	87949	0.61	cps
Iron	56-2	1584270	1588363	1579731	1584121	0.27	cps
Iron	57-2	39471	39327	39126	39308	0.44	cps
Krypton	83-1	413	460	470	448	6.75	cps
Lead	207-1	376866	373250	371435	373850	0.74	cps
Lead	208-1	1697939	1699253	1706127	1701106	0.26	cps
Lead	206-1	420726	420950	421689	421122	0.12	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:16:44	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1366776	1344333	1387258	1366122	1.57	cps
Magnesium	24-2	246655	245484	246756	246298	0.29	cps
Manganese	55-2	196315	195492	195797	195868	0.21	cps
Molybdenum	94-1	283435	278864	279331	280543	0.90	cps
Molybdenum	95-1	341951	344000	344944	343632	0.45	cps
Molybdenum	96-1	379240	383966	382722	381976	0.64	cps
Molybdenum	97-1	213108	213506	211040	212552	0.62	cps
Molybdenum	98-1	552586	543793	542428	546269	1.01	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	20445	20188	20779	20470	1.45	cps
Phosphorus	31-2	1608	1367	1483	1486	8.13	cps
Potassium	39-2	122122	119048	121215	120795	1.31	cps
Rhodium	103-1	5403650	5235963	5306029	5315214	1.58	cps
Rhodium	103-2	2771684	2748620	2647812	2722705	2.42	cps
Scandium	45-1	3569174	3450414	3595249	3538279	2.18	cps
Scandium	45-2	126667	127064	121980	125237	2.26	cps
Selenium	77-2	107	60	70	79	31.15	cps
Selenium	78-2	276	272	281	276	1.63	cps
Selenium	82-1	2223	2251	2454	2309	5.45	cps
Silicon	28-1	809284	818255	821467	816336	0.77	cps
Silver	109-1	162738	162460	164179	163126	0.57	cps
Silver	107-1	171583	172452	171836	171957	0.26	cps
Sodium	23-2	476343	479290	483477	479703	0.75	cps
Strontium	86-1	45383	45199	44270	44951	1.33	cps
Strontium	88-1	378457	376955	373520	376311	0.67	cps
Sulfur	34-1	437517	443707	441889	441038	0.72	cps
Terbium	159-1	6376443	6360747	6370855	6369348	0.12	cps
Terbium	159-2	3194361	3163187	2998063	3118537	3.38	cps
Thallium	203-1	101806	98314	99287	99802	1.81	cps
Thallium	205-1	238118	235060	237572	236917	0.69	cps
Tin	118-1	105824	107588	105371	106261	1.10	cps
Titanium	47-1	94780	94066	95643	94830	0.83	cps
Uranium	238-1	289723	286299	285641	287221	0.76	cps
Vanadium	51-2	34141	32841	32433	33138	2.69	cps
Yttrium	89-1	9392953	9240440	9364808	9332734	0.87	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:16:44	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1125292	1125724	1069131	1106716	2.94	cps
Zinc	66-2	78724	78563	77252	78180	1.03	cps
Zirconium	90-1	233719	232778	234287	233595	0.33	cps
Zirconium	91-1	52910	51296	52056	52087	1.55	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:19:52 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40097	40260	39339	39899	1.23	cps
Antimony	121-1	380949	389742	378483	383058	1.55	cps
Arsenic	75-2	14339	14274	14111	14241	0.82	cps
Barium	135-1	386481	390039	393052	389858	0.84	cps
Barium	137-1	676939	670601	674792	674111	0.48	cps
Beryllium	9-1	68938	70318	68852	69369	1.19	cps
Bismuth	209-1	3562546	3619494	3648885	3610308	1.22	cps
Bismuth	209-2	2233802	2241121	2254724	2243216	0.47	cps
Boron	11-1	21974	24538	26274	24262	8.92	cps
Boron	10-1	4552	5176	5602	5110	10.34	cps
Bromine	81-1	2633	2132	2293	2353	10.87	cps
Cadmium	106-1	11805	11705	12181	11897	2.11	cps
Cadmium	108-1	6285	6093	6410	6263	2.55	cps
Cadmium	111-1	80852	81836	80723	81137	0.75	cps
Calcium	43-1	93134	92884	93114	93044	0.15	cps
Calcium	44-1	1524332	1547486	1533729	1535182	0.76	cps
Chromium	52-2	103135	104284	104146	103855	0.60	cps
Cobalt	59-2	183487	183575	180975	182679	0.81	cps
Copper	63-2	1379115	1378330	1376752	1378065	0.09	cps
Dysprosium	156-1	33	50	17	33	50.00	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	3	27	13	14	81.07	cps
Gadolinium	160-1	67	75	83	75	11.11	cps
Gadolinium	160-2	20	23	17	20	16.65	cps
Holmium	165-1	5898813	5925931	6046905	5957216	1.32	cps
Holmium	165-2	3172344	3207579	3211386	3197103	0.67	cps
Indium	115-1	5422527	5520793	5537861	5493727	1.13	cps
Indium	115-2	956600	949457	968523	958193	1.01	cps
Iron	54-2	219315	220431	214667	218137	1.40	cps
Iron	56-2	4064867	3942193	3906521	3971194	2.09	cps
Iron	57-2	99455	99120	98319	98965	0.59	cps
Krypton	83-1	410	430	440	427	3.58	cps
Lead	207-1	936378	949272	945698	943782	0.71	cps
Lead	208-1	4301755	4317905	4312512	4310724	0.19	cps
Lead	206-1	1054666	1057328	1046318	1052771	0.55	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:19:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1400232	1343743	1395386	1379787	2.27	cps
Magnesium	24-2	608291	617999	610586	612292	0.83	cps
Manganese	55-2	489800	491023	481991	487604	1.00	cps
Molybdenum	94-1	705236	702174	708650	705353	0.46	cps
Molybdenum	95-1	871622	872342	878555	874173	0.44	cps
Molybdenum	96-1	963861	962890	967434	964728	0.25	cps
Molybdenum	97-1	527236	536001	530341	531193	0.84	cps
Molybdenum	98-1	1375533	1382128	1354731	1370797	1.04	cps
Neodymium	150-1	40	13	7	20	88.19	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	51148	50375	51182	50902	0.90	cps
Phosphorus	31-2	3317	2950	3017	3095	6.31	cps
Potassium	39-2	272167	273177	270680	272008	0.46	cps
Rhodium	103-1	5316583	5305930	5274566	5299026	0.41	cps
Rhodium	103-2	2719887	2771432	2755565	2748961	0.96	cps
Scandium	45-1	3494410	3516833	3538639	3516627	0.63	cps
Scandium	45-2	125070	124462	126435	125322	0.81	cps
Selenium	77-2	257	190	173	207	21.34	cps
Selenium	78-2	651	649	639	646	0.99	cps
Selenium	82-1	5931	6009	5748	5896	2.27	cps
Silicon	28-1	916869	947360	921866	928699	1.76	cps
Silver	109-1	408484	405365	402856	405568	0.70	cps
Silver	107-1	431413	431549	438616	433860	0.95	cps
Sodium	23-2	1168680	1182005	1194377	1181687	1.09	cps
Strontium	86-1	111435	113432	110728	111865	1.25	cps
Strontium	88-1	954138	941087	953201	949475	0.77	cps
Sulfur	34-1	460428	464022	466969	463807	0.71	cps
Terbium	159-1	6384921	6246586	6330109	6320539	1.10	cps
Terbium	159-2	3131276	3156636	3272603	3186838	2.36	cps
Thallium	203-1	250041	249650	248570	249420	0.31	cps
Thallium	205-1	592726	607252	597838	599272	1.23	cps
Tin	118-1	268351	270339	266917	268536	0.64	cps
Titanium	47-1	236231	239436	239760	238476	0.82	cps
Uranium	238-1	716364	719958	713346	716556	0.46	cps
Vanadium	51-2	83589	85104	82503	83732	1.56	cps
Yttrium	89-1	9307594	9050846	9354263	9237568	1.77	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:19:52	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1123102	1122702	1143037	1129614	1.03	cps
Zinc	66-2	194496	193639	192676	193603	0.47	cps
Zirconium	90-1	585774	584481	583022	584426	0.24	cps
Zirconium	91-1	132710	131694	127422	130609	2.15	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:22:57 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	79855	80725	80358	80313	0.54	cps
Antimony	121-1	777384	772283	779509	776392	0.48	cps
Arsenic	75-2	28322	28583	28437	28447	0.46	cps
Barium	135-1	786330	796429	784777	789179	0.80	cps
Barium	137-1	1367018	1355024	1377942	1366661	0.84	cps
Beryllium	9-1	137457	140023	140786	139422	1.25	cps
Bismuth	209-1	3603399	3611701	3659647	3624916	0.84	cps
Bismuth	209-2	2240424	2204700	2264699	2236608	1.35	cps
Boron	11-1	43782	49256	52657	48565	9.22	cps
Boron	10-1	8871	10402	10924	10065	10.60	cps
Bromine	81-1	2042	2212	2293	2182	5.86	cps
Cadmium	106-1	19956	21008	20917	20627	2.82	cps
Cadmium	108-1	12393	12539	12310	12414	0.94	cps
Cadmium	111-1	163377	165701	162637	163905	0.98	cps
Calcium	43-1	185384	188126	188428	187312	0.90	cps
Calcium	44-1	3026501	3093577	3026814	3048964	1.27	cps
Chromium	52-2	205868	205677	202852	204799	0.82	cps
Cobalt	59-2	365440	369053	367785	367426	0.50	cps
Copper	63-2	2722467	2732815	2679979	2711754	1.03	cps
Dysprosium	156-1	17	33	50	33	50.00	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	25	58	17	33	66.14	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	83	75	58	72	17.63	cps
Gadolinium	160-2	47	20	33	33	40.01	cps
Holmium	165-1	5970813	5949721	6071984	5997506	1.09	cps
Holmium	165-2	3199682	3154095	3272643	3208807	1.86	cps
Indium	115-1	5430237	5466447	5406490	5434391	0.56	cps
Indium	115-2	939717	932707	950745	941056	0.97	cps
Iron	54-2	439277	433053	436527	436286	0.71	cps
Iron	56-2	7827046	7937444	7867844	7877445	0.71	cps
Iron	57-2	198605	195984	196453	197014	0.71	cps
Krypton	83-1	493	460	330	428	20.17	cps
Lead	207-1	1931334	1999752	1959352	1963479	1.75	cps
Lead	208-1	8846249	8899048	8827322	8857540	0.42	cps
Lead	206-1	2185987	2190960	2138889	2171945	1.32	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:22:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1380370	1365797	1420257	1388808	2.03	cps
Magnesium	24-2	1232686	1243593	1234074	1236784	0.48	cps
Manganese	55-2	981557	973593	992839	982663	0.98	cps
Molybdenum	94-1	1417597	1445388	1403867	1422284	1.49	cps
Molybdenum	95-1	1710204	1774264	1732364	1738944	1.87	cps
Molybdenum	96-1	1908918	1897112	1892278	1899436	0.45	cps
Molybdenum	97-1	1072849	1078674	1091155	1080893	0.87	cps
Molybdenum	98-1	2757325	2742277	2807808	2769137	1.24	cps
Neodymium	150-1	40	47	13	33	52.92	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	100716	101630	101609	101319	0.51	cps
Phosphorus	31-2	6227	5576	6035	5946	5.62	cps
Potassium	39-2	524418	524204	532354	526992	0.88	cps
Rhodium	103-1	5175989	5244835	5366646	5262490	1.83	cps
Rhodium	103-2	2729901	2638402	2738456	2702253	2.05	cps
Scandium	45-1	3479936	3560295	3571021	3537084	1.41	cps
Scandium	45-2	123788	124253	124218	124087	0.21	cps
Selenium	77-2	400	430	433	421	4.36	cps
Selenium	78-2	1251	1283	1300	1278	1.95	cps
Selenium	82-1	11556	11539	12011	11702	2.29	cps
Silicon	28-1	1088221	1091012	1072739	1083991	0.91	cps
Silver	109-1	818820	816896	822475	819397	0.35	cps
Silver	107-1	854272	866128	874142	864847	1.16	cps
Sodium	23-2	2400207	2357802	2370698	2376236	0.91	cps
Strontium	86-1	220062	221516	226199	222592	1.44	cps
Strontium	88-1	1902524	1889029	1877677	1889744	0.66	cps
Sulfur	34-1	485726	483926	492887	487513	0.97	cps
Terbium	159-1	6334191	6340269	6440084	6371514	0.93	cps
Terbium	159-2	3168298	3144132	3170880	3161103	0.47	cps
Thallium	203-1	511706	502742	512133	508860	1.04	cps
Thallium	205-1	1207553	1210143	1215643	1211113	0.34	cps
Tin	118-1	534538	536940	542745	538074	0.78	cps
Titanium	47-1	476617	487995	481369	481994	1.19	cps
Uranium	238-1	1464762	1451129	1466970	1460953	0.59	cps
Vanadium	51-2	167427	167848	166375	167216	0.45	cps
Yttrium	89-1	9167409	9160098	9493619	9273709	2.05	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:22:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1106923	1105062	1120911	1110965	0.78	cps
Zinc	66-2	390181	388307	383439	387309	0.90	cps
Zirconium	90-1	1188228	1186161	1198353	1190914	0.55	cps
Zirconium	91-1	262921	265809	263076	263935	0.62	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:25:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	161019	159056	159054	159710	0.71	cps
Antimony	121-1	1557328	1569397	1549703	1558810	0.64	cps
Arsenic	75-2	57065	56937	57529	57177	0.55	cps
Barium	135-1	1568609	1588079	1552362	1569683	1.14	cps
Barium	137-1	2703077	2737933	2722247	2721086	0.64	cps
Beryllium	9-1	273080	278210	281844	277711	1.59	cps
Bismuth	209-1	3663278	3554243	3533817	3583779	1.94	cps
Bismuth	209-2	2269446	2265223	2261963	2265544	0.17	cps
Boron	11-1	87096	98917	105761	97258	9.71	cps
Boron	10-1	18254	20178	22180	20204	9.72	cps
Bromine	81-1	2192	2182	2222	2199	0.95	cps
Cadmium	106-1	38563	38755	39850	39056	1.78	cps
Cadmium	108-1	25123	25849	25599	25524	1.45	cps
Cadmium	111-1	327994	329234	331010	329413	0.46	cps
Calcium	43-1	373404	378622	378663	376896	0.80	cps
Calcium	44-1	6039619	6179545	6147102	6122089	1.20	cps
Chromium	52-2	409733	401988	402847	404856	1.05	cps
Cobalt	59-2	727946	729206	731904	729685	0.28	cps
Copper	63-2	5326604	5332093	5333790	5330829	0.07	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	10	20	10	13	43.30	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	17	20	23	20	16.65	cps
Gadolinium	160-1	150	108	100	119	22.43	cps
Gadolinium	160-2	20	37	47	34	39.11	cps
Holmium	165-1	6105075	6045982	5862866	6004641	2.10	cps
Holmium	165-2	3311952	3228532	3285752	3275412	1.30	cps
Indium	115-1	5540965	5425223	5266405	5410864	2.55	cps
Indium	115-2	951655	956902	966749	958435	0.80	cps
Iron	54-2	879784	870360	868089	872744	0.71	cps
Iron	56-2	15842363	15519003	15688752	15683372	1.03	cps
Iron	57-2	392810	392464	393595	392956	0.15	cps
Krypton	83-1	477	407	450	444	7.95	cps
Lead	207-1	3957599	3991056	3912782	3953812	0.99	cps
Lead	208-1	17603439	17773832	17563360	17646877	0.63	cps
Lead	206-1	4352780	4327475	4360951	4347069	0.40	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:25:56	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1385805	1378043	1356677	1373508	1.10	cps
Magnesium	24-2	2441158	2438174	2408448	2429260	0.74	cps
Manganese	55-2	1945961	1945916	1992995	1961624	1.38	cps
Molybdenum	94-1	2828384	2853798	2824598	2835593	0.56	cps
Molybdenum	95-1	3458664	3516397	3464637	3479900	0.91	cps
Molybdenum	96-1	3819556	3796568	3882043	3832723	1.15	cps
Molybdenum	97-1	2165220	2172424	2164786	2167477	0.20	cps
Molybdenum	98-1	5499915	5557319	5581042	5546092	0.75	cps
Neodymium	150-1	100	60	73	78	26.18	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	200577	202660	199805	201014	0.73	cps
Phosphorus	31-2	11246	11939	11588	11591	2.99	cps
Potassium	39-2	1023550	1030214	1014959	1022908	0.75	cps
Rhodium	103-1	5329544	5257977	5034505	5207342	2.96	cps
Rhodium	103-2	2737281	2752646	2717422	2735783	0.65	cps
Scandium	45-1	3591583	3566848	3340355	3499595	3.96	cps
Scandium	45-2	126994	124930	126235	126053	0.83	cps
Selenium	77-2	763	733	780	759	3.12	cps
Selenium	78-2	2529	2608	2585	2574	1.56	cps
Selenium	82-1	22939	23807	23551	23432	1.90	cps
Silicon	28-1	1404887	1408158	1457877	1423640	2.09	cps
Silver	109-1	1644974	1632668	1607207	1628283	1.18	cps
Silver	107-1	1705529	1738755	1696262	1713515	1.30	cps
Sodium	23-2	4648313	4582081	4542333	4590909	1.17	cps
Strontium	86-1	447946	451735	449138	449607	0.43	cps
Strontium	88-1	3820507	3743042	3773949	3779166	1.03	cps
Sulfur	34-1	548008	542367	544138	544838	0.53	cps
Terbium	159-1	6452802	6373412	6120985	6315733	2.74	cps
Terbium	159-2	3219037	3269249	3234141	3240809	0.79	cps
Thallium	203-1	1020367	1020294	1028243	1022968	0.45	cps
Thallium	205-1	2464267	2462230	2422785	2449761	0.95	cps
Tin	118-1	1084182	1089392	1104594	1092723	0.97	cps
Titanium	47-1	967327	976689	972974	972330	0.48	cps
Uranium	238-1	2960707	2991052	2998073	2983277	0.67	cps
Vanadium	51-2	338408	328217	330697	332441	1.60	cps
Yttrium	89-1	9476544	9292605	8942470	9237207	2.94	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:25:56	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1124125	1126933	1149086	1133381	1.21	cps
Zinc	66-2	769024	768193	765981	767733	0.20	cps
Zirconium	90-1	2358874	2354945	2344575	2352798	0.31	cps
Zirconium	91-1	523951	529751	532350	528684	0.81	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:28:56 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	312465	313766	313788	313339	0.24	cps
Antimony	121-1	3056180	3075008	3093517	3074901	0.61	cps
Arsenic	75-2	112641	113809	113460	113303	0.53	cps
Barium	135-1	3200579	3163424	3164670	3176224	0.66	cps
Barium	137-1	5438665	5400460	5391606	5410244	0.46	cps
Beryllium	9-1	544019	547495	550130	547214	0.56	cps
Bismuth	209-1	3660403	3608184	3575237	3614608	1.19	cps
Bismuth	209-2	2288132	2226742	2196537	2237137	2.09	cps
Boron	11-1	180280	199260	212103	197215	8.12	cps
Boron	10-1	37861	41877	43984	41241	7.54	cps
Bromine	81-1	1982	2403	2253	2212	9.63	cps
Cadmium	106-1	73202	73588	74434	73741	0.85	cps
Cadmium	108-1	49292	50655	50475	50141	1.48	cps
Cadmium	111-1	650731	653972	657853	654186	0.55	cps
Calcium	43-1	746307	747175	749250	747577	0.20	cps
Calcium	44-1	12062982	11952259	12054868	12023370	0.51	cps
Chromium	52-2	798650	808926	797850	801808	0.77	cps
Cobalt	59-2	1459397	1435685	1416056	1437046	1.51	cps
Copper	63-2	10487215	10681987	10504865	10558023	1.02	cps
Dysprosium	156-1	50	125	50	75	57.74	cps
Dysprosium	156-2	27	13	33	24	41.66	cps
Erbium	164-1	8	50	58	39	68.89	cps
Erbium	164-2	27	23	7	19	56.72	cps
Gadolinium	160-1	192	100	117	136	35.87	cps
Gadolinium	160-2	40	43	40	41	4.68	cps
Holmium	165-1	5910030	5841374	5996241	5915881	1.31	cps
Holmium	165-2	3333616	3232143	3119855	3228538	3.31	cps
Indium	115-1	5382649	5281009	5434232	5365963	1.45	cps
Indium	115-2	944666	930010	903461	926046	2.26	cps
Iron	54-2	1732796	1725720	1718775	1725764	0.41	cps
Iron	56-2	30823751	31168234	30415617	30802534	1.22	cps
Iron	57-2	777390	782951	771896	777412	0.71	cps
Krypton	83-1	423	460	360	414	12.21	cps
Lead	207-1	7875910	7827198	7927016	7876708	0.63	cps
Lead	208-1	35564440	35182351	35242549	35329780	0.58	cps
Lead	206-1	8768069	8682184	8688936	8713063	0.55	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:28:56	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1364825	1314229	1367802	1348952	2.23	cps
Magnesium	24-2	4815715	4812305	4681126	4769715	1.61	cps
Manganese	55-2	3827073	3808426	3764241	3799913	0.85	cps
Molybdenum	94-1	5590167	5529804	5516469	5545480	0.71	cps
Molybdenum	95-1	6922590	6920811	6947936	6930445	0.22	cps
Molybdenum	96-1	7637458	7636036	7662193	7645229	0.19	cps
Molybdenum	97-1	4257378	4300710	4241699	4266596	0.72	cps
Molybdenum	98-1	10804347	11128653	10902480	10945160	1.52	cps
Neodymium	150-1	100	113	120	111	9.17	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	389684	396552	395168	393801	0.92	cps
Phosphorus	31-2	22810	22752	22518	22693	0.68	cps
Potassium	39-2	1942526	1984495	1946565	1957862	1.18	cps
Rhodium	103-1	5107952	5068112	5027612	5067892	0.79	cps
Rhodium	103-2	2679547	2664904	2591211	2645221	1.79	cps
Scandium	45-1	3507352	3459949	3362312	3443204	2.15	cps
Scandium	45-2	123943	123137	118313	121798	2.50	cps
Selenium	77-2	1543	1460	1517	1507	2.82	cps
Selenium	78-2	5078	5150	5194	5141	1.14	cps
Selenium	82-1	46327	47111	46588	46675	0.86	cps
Silicon	28-1	2020647	2058176	2094213	2057679	1.79	cps
Silver	109-1	3186781	3224351	3209728	3206953	0.59	cps
Silver	107-1	3353828	3452608	3396685	3401040	1.46	cps
Sodium	23-2	9097528	9251919	9101601	9150349	0.96	cps
Strontium	86-1	887727	902593	901451	897257	0.92	cps
Strontium	88-1	7534595	7598912	7448092	7527200	1.01	cps
Sulfur	34-1	653496	646513	643800	647936	0.77	cps
Terbium	159-1	6369506	6340147	6382329	6363994	0.34	cps
Terbium	159-2	3217228	3203511	3103351	3174697	1.96	cps
Thallium	203-1	2032353	2023764	2035483	2030533	0.30	cps
Thallium	205-1	4822952	4768023	4894635	4828537	1.31	cps
Tin	118-1	2180161	2125233	2180313	2161902	1.47	cps
Titanium	47-1	1938072	1901589	1903190	1914284	1.08	cps
Uranium	238-1	5932654	5837094	5899544	5889764	0.82	cps
Vanadium	51-2	662169	665036	657429	661545	0.58	cps
Yttrium	89-1	9171869	9399691	9210065	9260542	1.32	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:28:56	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1129512	1096914	1077812	1101412	2.37	cps
Zinc	66-2	1490959	1524848	1502542	1506116	1.14	cps
Zirconium	90-1	4619485	4787686	4677303	4694825	1.82	cps
Zirconium	91-1	1048488	1068986	1065737	1061070	1.04	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:31:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1489458	1516580	1507953	1504664	0.92	cps
Antimony	121-1	1800	1759	1792	1784	1.24	cps
Arsenic	75-2	33	48	51	44	21.93	cps
Barium	135-1	5635	5385	5360	5460	2.79	cps
Barium	137-1	9520	9804	10429	9918	4.69	cps
Beryllium	9-1	200	156	182	179	12.33	cps
Bismuth	209-1	3498373	3425727	3533722	3485941	1.58	cps
Bismuth	209-2	2244935	2188478	2166397	2199937	1.84	cps
Boron	11-1	32710	28909	26398	29339	10.83	cps
Boron	10-1	7054	6196	5510	6253	12.37	cps
Bromine	81-1	2543	2353	2393	2429	4.13	cps
Cadmium	106-1	3217	3376	3184	3259	3.14	cps
Cadmium	108-1	63	38	54	51	24.77	cps
Cadmium	111-1	540	582	518	547	5.95	cps
Calcium	43-1	3720307	3687565	3696608	3701493	0.46	cps
Calcium	44-1	59619121	60074077	59093125	59595441	0.82	cps
Chromium	52-2	2617	2664	2670	2650	1.10	cps
Cobalt	59-2	2264	2364	2480	2369	4.58	cps
Copper	63-2	3967	3977	3824	3923	2.19	cps
Dysprosium	156-1	242	217	208	222	7.81	cps
Dysprosium	156-2	67	90	100	86	19.99	cps
Erbium	164-1	33	58	25	39	44.62	cps
Erbium	164-2	23	30	13	22	37.76	cps
Gadolinium	160-1	283	275	242	267	8.27	cps
Gadolinium	160-2	133	117	123	124	6.74	cps
Holmium	165-1	6134892	5941710	6054829	6043810	1.61	cps
Holmium	165-2	3392810	3313962	3294503	3333758	1.56	cps
Indium	115-1	5439294	5253468	5355684	5349482	1.74	cps
Indium	115-2	966681	954221	959452	960118	0.65	cps
Iron	54-2	8031206	7943061	8005118	7993128	0.57	cps
Iron	56-2	148254570	146811403	147918792	147661588	0.51	cps
Iron	57-2	3689136	3636913	3661930	3662660	0.71	cps
Krypton	83-1	430	390	410	410	4.88	cps
Lead	207-1	1778	1945	2034	1919	6.76	cps
Lead	208-1	8585	8868	8974	8809	2.28	cps
Lead	206-1	2256	2239	2350	2282	2.63	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1401573	1383610	1415060	1400081	1.13	cps
Magnesium	24-2	22598141	22790916	22363874	22584310	0.95	cps
Manganese	55-2	2424	2597	2684	2568	5.16	cps
Molybdenum	94-1	1350	1350	1500	1400	6.19	cps
Molybdenum	95-1	1450	1450	1542	1481	3.57	cps
Molybdenum	96-1	2334	2467	2275	2359	4.17	cps
Molybdenum	97-1	883	950	950	928	4.15	cps
Molybdenum	98-1	2375	2284	2342	2334	1.99	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	857	873	767	832	6.89	cps
Phosphorus	31-2	175	242	167	194	21.14	cps
Potassium	39-2	9200224	9151939	9369094	9240419	1.23	cps
Rhodium	103-1	5055431	5022995	5075202	5051210	0.52	cps
Rhodium	103-2	2715895	2661013	2688018	2688309	1.02	cps
Scandium	45-1	3522236	3485901	3524357	3510831	0.62	cps
Scandium	45-2	129144	126392	127648	127728	1.08	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	33	39	48	40	18.89	cps
Selenium	82-1	12	14	20	15	26.60	cps
Silicon	28-1	832499	834495	836412	834469	0.23	cps
Silver	109-1	1442	1608	1433	1495	6.61	cps
Silver	107-1	1617	1592	1917	1708	10.59	cps
Sodium	23-2	43619299	43732021	43118426	43489915	0.75	cps
Strontium	86-1	5193	5343	5485	5340	2.73	cps
Strontium	88-1	38930	39665	39757	39451	1.15	cps
Sulfur	34-1	420975	420316	417632	419641	0.42	cps
Terbium	159-1	6487994	6413142	6459231	6453456	0.59	cps
Terbium	159-2	3341308	3257288	3242272	3280290	1.63	cps
Thallium	203-1	1367	1267	1175	1270	7.55	cps
Thallium	205-1	3125	2884	2492	2834	11.28	cps
Tin	118-1	667	583	642	631	6.78	cps
Titanium	47-1	558	408	592	519	18.80	cps
Uranium	238-1	625	642	533	600	9.72	cps
Vanadium	51-2	107	100	87	98	10.41	cps
Yttrium	89-1	9331247	9132892	9416065	9293401	1.56	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:31:54	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1171847	1134737	1149728	1152104	1.62	cps
Zinc	66-2	3354	3427	3427	3403	1.24	cps
Zirconium	90-1	1292	1267	1650	1403	15.29	cps
Zirconium	91-1	342	300	342	328	7.34	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:48:24 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7929	8001	8190	8040	1.68	cps
Antimony	121-1	600590	598424	603364	600793	0.41	cps
Arsenic	75-2	22895	22603	22759	22752	0.64	cps
Barium	135-1	61205	63675	61599	62160	2.13	cps
Barium	137-1	105375	111640	107542	108186	2.94	cps
Beryllium	9-1	52486	53787	53100	53124	1.22	cps
Bismuth	209-1	3503234	3642965	3725389	3623863	3.10	cps
Bismuth	209-2	2217204	2245611	2324072	2262296	2.45	cps
Boron	11-1	68943	83685	92033	81554	14.34	cps
Boron	10-1	14498	17427	19243	17056	14.04	cps
Bromine	81-1	2403	2293	2253	2316	3.36	cps
Cadmium	106-1	14041	13023	13465	13510	3.78	cps
Cadmium	108-1	6818	6723	6710	6750	0.88	cps
Cadmium	111-1	63543	64843	64625	64337	1.08	cps
Calcium	43-1	15729	15523	15810	15687	0.95	cps
Calcium	44-1	264192	265137	263896	264408	0.25	cps
Chromium	52-2	80499	80478	81326	80768	0.60	cps
Cobalt	59-2	145896	145195	143468	144853	0.86	cps
Copper	63-2	111037	110980	112797	111605	0.93	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	58	25	25	36	53.29	cps
Erbium	164-2	13	17	20	17	20.01	cps
Gadolinium	160-1	83	58	58	67	21.65	cps
Gadolinium	160-2	27	17	23	22	22.91	cps
Holmium	165-1	5643420	5882494	6158683	5894866	4.37	cps
Holmium	165-2	3119091	3179423	3255461	3184658	2.15	cps
Indium	115-1	5147208	5311802	5552698	5337236	3.82	cps
Indium	115-2	926548	949333	967489	947790	2.16	cps
Iron	54-2	67124	68575	69239	68313	1.58	cps
Iron	56-2	1202782	1197650	1219182	1206538	0.93	cps
Iron	57-2	30143	30243	30912	30433	1.37	cps
Krypton	83-1	377	423	417	406	6.22	cps
Lead	207-1	310902	314064	314416	313127	0.62	cps
Lead	208-1	1458337	1473828	1465963	1466042	0.53	cps
Lead	206-1	373691	376651	375677	375340	0.40	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 12:48:24 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1282604	1353178	1399439	1345074	4.37	cps
Magnesium	24-2	54201	55933	56644	55593	2.26	cps
Manganese	55-2	41055	40688	40995	40913	0.48	cps
Molybdenum	94-1	2872959	2935345	2872529	2893611	1.25	cps
Molybdenum	95-1	3621634	3630423	3615383	3622480	0.21	cps
Molybdenum	96-1	3930292	4041878	3991094	3987755	1.40	cps
Molybdenum	97-1	2220141	2275960	2271947	2256016	1.38	cps
Molybdenum	98-1	5736031	5696368	5662592	5698330	0.65	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	39779	41263	40755	40599	1.86	cps
Phosphorus	31-2	150	258	150	186	33.61	cps
Potassium	39-2	94668	95062	95507	95079	0.44	cps
Rhodium	103-1	4950274	5235122	5413626	5199674	4.49	cps
Rhodium	103-2	2725272	2687833	2815748	2742951	2.40	cps
Scandium	45-1	3294594	3406513	3559338	3420148	3.89	cps
Scandium	45-2	120011	125181	125580	123591	2.51	cps
Selenium	77-2	340	293	297	310	8.40	cps
Selenium	78-2	975	1071	1073	1040	5.39	cps
Selenium	82-1	9271	9126	9263	9220	0.89	cps
Silicon	28-1	1303594	1330373	1307492	1313820	1.10	cps
Silver	109-1	152690	155748	156652	155030	1.34	cps
Silver	107-1	163992	166328	168877	166399	1.47	cps
Sodium	23-2	194359	195878	200388	196875	1.59	cps
Strontium	86-1	441216	447242	443876	444111	0.68	cps
Strontium	88-1	3714340	3743389	3784908	3747545	0.95	cps
Sulfur	34-1	418325	417797	413122	416414	0.69	cps
Terbium	159-1	5987379	6266205	6646738	6300107	5.25	cps
Terbium	159-2	3081257	3165049	3244696	3163667	2.58	cps
Thallium	203-1	424917	430341	429696	428318	0.69	cps
Thallium	205-1	1026609	1030489	1042349	1033149	0.79	cps
Tin	118-1	1077169	1077113	1095221	1083168	0.96	cps
Titanium	47-1	975801	995832	988459	986697	1.03	cps
Uranium	238-1	3305458	3353346	3356129	3338311	0.85	cps
Vanadium	51-2	62734	62717	64411	63287	1.54	cps
Yttrium	89-1	8753959	9108347	9491645	9117984	4.05	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 12:48:24	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1096388	1106453	1150542	1117794	2.58	cps
Zinc	66-2	31007	30683	31054	30915	0.65	cps
Zirconium	90-1	2313222	2313892	2351199	2326104	0.93	cps
Zirconium	91-1	526153	527078	529784	527672	0.36	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:04:33 DataFile Name : 013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	585	660	622	622	6.02	cps
Antimony	121-1	5768	6043	5501	5771	4.70	cps
Arsenic	75-2	133	96	126	118	16.61	cps
Barium	135-1	5410	5851	5668	5643	3.93	cps
Barium	137-1	9354	10238	9996	9862	4.63	cps
Beryllium	9-1	530	556	542	543	2.40	cps
Bismuth	209-1	3643381	3627910	3598765	3623352	0.63	cps
Bismuth	209-2	2220510	2227877	2262574	2236987	1.00	cps
Boron	11-1	4878	5414	5748	5347	8.21	cps
Boron	10-1	1062	1178	1244	1161	7.93	cps
Bromine	81-1	2533	2202	2653	2463	9.47	cps
Cadmium	106-1	2809	2792	2842	2814	0.90	cps
Cadmium	108-1	75	54	42	57	29.57	cps
Cadmium	111-1	920	895	959	925	3.48	cps
Calcium	43-1	3490	3608	3601	3566	1.85	cps
Calcium	44-1	75764	76643	76230	76212	0.58	cps
Chromium	52-2	2530	2467	2404	2467	2.57	cps
Cobalt	59-2	1290	1423	1333	1349	5.04	cps
Copper	63-2	2867	3070	2924	2954	3.55	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	13	17	10	13	25.01	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Gadolinium	160-2	33	23	30	29	17.63	cps
Holmium	165-1	5930668	6057842	5973216	5987242	1.08	cps
Holmium	165-2	3179921	3109219	3203115	3164085	1.55	cps
Indium	115-1	5445629	5464033	5695813	5535158	2.52	cps
Indium	115-2	933870	934552	934229	934217	0.04	cps
Iron	54-2	1822	1911	1839	1858	2.54	cps
Iron	56-2	30655	30666	31552	30958	1.66	cps
Iron	57-2	989	639	789	806	21.80	cps
Krypton	83-1	413	357	400	390	7.60	cps
Lead	207-1	1756	1717	1800	1758	2.37	cps
Lead	208-1	8223	8073	8207	8168	1.01	cps
Lead	206-1	2150	2078	2156	2128	2.04	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:04:33	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1339784	1329022	1357916	1342241	1.09	cps
Magnesium	24-2	23169	22234	22309	22571	2.30	cps
Manganese	55-2	443	390	367	400	9.82	cps
Molybdenum	94-1	5143	5651	5184	5326	5.30	cps
Molybdenum	95-1	6335	6493	6060	6296	3.48	cps
Molybdenum	96-1	7219	7002	6894	7038	2.35	cps
Molybdenum	97-1	3792	4184	4034	4003	4.94	cps
Molybdenum	98-1	9529	10087	9779	9798	2.86	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	570	547	567	561	2.25	cps
Phosphorus	31-2	242	150	192	194	23.60	cps
Potassium	39-2	37884	37942	37224	37683	1.06	cps
Rhodium	103-1	5156811	5188851	5327021	5224228	1.73	cps
Rhodium	103-2	2721598	2736963	2687481	2715347	0.93	cps
Scandium	45-1	3375787	3418758	3384652	3393066	0.67	cps
Scandium	45-2	121920	123284	122185	122463	0.59	cps
Selenium	77-2	17	27	17	20	28.86	cps
Selenium	78-2	42	54	49	48	12.48	cps
Selenium	82-1	185	263	269	239	19.51	cps
Silicon	28-1	702557	703711	701363	702544	0.17	cps
Silver	109-1	3000	3017	3225	3081	4.07	cps
Silver	107-1	3409	3534	3209	3384	4.85	cps
Sodium	23-2	58945	59430	57380	58585	1.83	cps
Strontium	86-1	1283	1500	1108	1297	15.13	cps
Strontium	88-1	6577	7219	6602	6799	5.35	cps
Sulfur	34-1	416304	418321	421268	418631	0.60	cps
Terbium	159-1	6227386	6366843	6395905	6330045	1.42	cps
Terbium	159-2	3123302	3163574	3106021	3130966	0.94	cps
Thallium	203-1	2125	1992	1967	2028	4.20	cps
Thallium	205-1	4559	4384	4534	4493	2.11	cps
Tin	118-1	9604	9921	10246	9923	3.24	cps
Titanium	47-1	2075	1984	2200	2086	5.21	cps
Uranium	238-1	5101	5368	4768	5079	5.92	cps
Vanadium	51-2	3127	3190	3224	3180	1.54	cps
Yttrium	89-1	9321579	9243514	9283319	9282804	0.42	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:04:33	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1096530	1097150	1092087	1095255	0.25	cps
Zinc	66-2	490	437	470	466	5.79	cps
Zirconium	90-1	4718	4709	4493	4640	2.75	cps
Zirconium	91-1	1092	1042	1167	1100	5.72	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:10:31 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	297	295	344	312	8.80	cps
Antimony	121-1	8	42	33	28	62.46	cps
Arsenic	75-2	5	9	9	8	30.12	cps
Barium	135-1	8	33	0	14	124.91	cps
Barium	137-1	25	8	33	22	57.29	cps
Beryllium	9-1	26	46	34	35	28.50	cps
Bismuth	209-1	3548607	3564532	3550309	3554482	0.25	cps
Bismuth	209-2	2292394	2302598	2245571	2280188	1.33	cps
Boron	11-1	1500	1456	1592	1516	4.58	cps
Boron	10-1	268	336	304	303	11.24	cps
Bromine	81-1	2232	2132	2343	2236	4.70	cps
Cadmium	106-1	2575	2492	2709	2592	4.22	cps
Cadmium	108-1	0	13	4	6	114.53	cps
Cadmium	111-1	266	240	276	261	7.07	cps
Calcium	43-1	331	294	286	304	7.94	cps
Calcium	44-1	21965	21603	21746	21772	0.84	cps
Chromium	52-2	1003	893	933	943	5.90	cps
Cobalt	59-2	33	33	43	37	15.75	cps
Copper	63-2	603	623	570	599	4.50	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	58	17	17	31	78.72	cps
Erbium	164-2	23	13	23	20	28.87	cps
Gadolinium	160-1	58	58	67	61	7.87	cps
Gadolinium	160-2	20	23	43	29	43.68	cps
Holmium	165-1	5941797	5805514	5795830	5847714	1.40	cps
Holmium	165-2	3258361	3197139	3239115	3231538	0.97	cps
Indium	115-1	5411379	5387562	5345797	5381579	0.62	cps
Indium	115-2	967197	956539	943519	955752	1.24	cps
Iron	54-2	261	328	439	343	26.21	cps
Iron	56-2	2217	2328	2045	2197	6.50	cps
Iron	57-2	150	67	128	115	37.58	cps
Krypton	83-1	413	410	460	428	6.53	cps
Lead	207-1	461	500	361	441	16.26	cps
Lead	208-1	2156	2295	2139	2196	3.89	cps
Lead	206-1	583	506	567	552	7.42	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:10:31 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1339019	1327417	1314422	1326953	0.93	cps
Magnesium	24-2	408	383	317	369	12.83	cps
Manganese	55-2	63	63	57	61	6.29	cps
Molybdenum	94-1	133	117	108	119	10.66	cps
Molybdenum	95-1	33	17	33	28	34.63	cps
Molybdenum	96-1	117	108	125	117	7.14	cps
Molybdenum	97-1	17	58	17	31	78.72	cps
Molybdenum	98-1	67	42	50	53	24.12	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	133	177	152	14.58	cps
Phosphorus	31-2	142	217	142	167	25.98	cps
Potassium	39-2	20423	19522	20056	20000	2.27	cps
Rhodium	103-1	5254317	5206182	5125151	5195217	1.26	cps
Rhodium	103-2	2765008	2769570	2718327	2750969	1.03	cps
Scandium	45-1	3411438	3404160	3383065	3399555	0.43	cps
Scandium	45-2	126351	123691	122575	124206	1.56	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	30	34	37	34	10.43	cps
Selenium	82-1	-36	-14	-25	-25	-43.93	cps
Silicon	28-1	679541	673889	681992	678474	0.61	cps
Silver	109-1	33	25	50	36	35.25	cps
Silver	107-1	42	67	75	61	28.38	cps
Sodium	23-2	15834	15942	15550	15776	1.28	cps
Strontium	86-1	533	617	575	575	7.25	cps
Strontium	88-1	117	100	133	117	14.29	cps
Sulfur	34-1	413928	417712	417498	416379	0.51	cps
Terbium	159-1	6302677	6298455	6280202	6293778	0.19	cps
Terbium	159-2	3236933	3151807	3190164	3192968	1.34	cps
Thallium	203-1	42	67	58	56	22.91	cps
Thallium	205-1	150	142	133	142	5.88	cps
Tin	118-1	292	292	383	322	16.42	cps
Titanium	47-1	458	417	300	392	20.96	cps
Uranium	238-1	17	17	0	11	86.60	cps
Vanadium	51-2	23	20	17	20	16.65	cps
Yttrium	89-1	9250523	9036160	8883599	9056761	2.04	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:10:31	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1131977	1120934	1102974	1118628	1.31	cps
Zinc	66-2	140	130	127	132	5.25	cps
Zirconium	90-1	458	333	317	369	20.96	cps
Zirconium	91-1	83	58	75	72	17.62	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:13:21 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1398459	1406629	1406338	1403808	0.33	cps
Antimony	121-1	3476	3292	3392	3387	2.71	cps
Arsenic	75-2	36	48	32	39	21.55	cps
Barium	135-1	992	767	833	864	13.38	cps
Barium	137-1	1500	1258	1517	1425	10.15	cps
Beryllium	9-1	146	186	184	172	13.11	cps
Bismuth	209-1	3537467	3609110	3648355	3598311	1.56	cps
Bismuth	209-2	2210134	2267249	2242165	2239849	1.28	cps
Boron	11-1	1544	1588	1730	1620	6.00	cps
Boron	10-1	328	342	328	333	2.43	cps
Bromine	81-1	2793	2523	2683	2666	5.10	cps
Cadmium	106-1	2550	2850	2759	2720	5.65	cps
Cadmium	108-1	392	413	538	447	17.64	cps
Cadmium	111-1	514	463	487	488	5.25	cps
Calcium	43-1	677129	687333	697093	687185	1.45	cps
Calcium	44-1	11203401	11076530	11331060	11203664	1.14	cps
Chromium	52-2	16159	15659	16146	15988	1.78	cps
Cobalt	59-2	1507	1537	1727	1590	7.50	cps
Copper	63-2	8756	8903	8389	8683	3.05	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	42	33	58	44	28.64	cps
Erbium	164-2	27	23	13	21	32.88	cps
Gadolinium	160-1	42	83	133	86	53.30	cps
Gadolinium	160-2	33	27	27	29	13.31	cps
Holmium	165-1	5895888	6103647	6179635	6059723	2.42	cps
Holmium	165-2	3193635	3273853	3326857	3264781	2.05	cps
Indium	115-1	5330207	5533339	5561515	5475020	2.31	cps
Indium	115-2	935821	948570	957470	947287	1.15	cps
Iron	54-2	3169369	3135101	3119745	3141405	0.81	cps
Iron	56-2	58517525	57655289	56852590	57675135	1.44	cps
Iron	57-2	1469866	1484142	1444137	1466048	1.38	cps
Krypton	83-1	413	430	427	423	2.08	cps
Lead	207-1	5662	6491	6385	6179	7.29	cps
Lead	208-1	28958	29480	29630	29356	1.20	cps
Lead	206-1	7836	7930	7675	7814	1.65	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:13:21 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1316255	1369326	1384535	1356705	2.64	cps
Magnesium	24-2	4316972	4290351	4267250	4291524	0.58	cps
Manganese	55-2	2790	2720	2750	2754	1.28	cps
Molybdenum	94-1	1434966	1470796	1458027	1454596	1.25	cps
Molybdenum	95-1	2550463	2572049	2545310	2555941	0.56	cps
Molybdenum	96-1	2713760	2698641	2649140	2687180	1.26	cps
Molybdenum	97-1	1583716	1567148	1577949	1576271	0.53	cps
Molybdenum	98-1	4094038	4020082	4052856	4055659	0.91	cps
Neodymium	150-1	27	0	7	11	124.89	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	2064	2277	2297	2212	5.85	cps
Phosphorus	31-2	102243	102645	102259	102383	0.22	cps
Potassium	39-2	3604918	3557683	3515291	3559297	1.26	cps
Rhodium	103-1	5052446	5214823	5253839	5173703	2.06	cps
Rhodium	103-2	2728828	2725188	2760429	2738148	0.71	cps
Scandium	45-1	3428334	3404010	3591336	3474560	2.93	cps
Scandium	45-2	120978	123594	122304	122292	1.07	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	42	26	36	35	23.32	cps
Selenium	82-1	-42	-23	-11	-25	-62.81	cps
Silicon	28-1	751231	756174	762923	756776	0.78	cps
Silver	109-1	83	83	100	89	10.82	cps
Silver	107-1	67	167	175	136	44.29	cps
Sodium	23-2	8616396	8503490	8422521	8514136	1.14	cps
Strontium	86-1	28797	28855	29874	29176	2.08	cps
Strontium	88-1	242707	246491	248291	245829	1.16	cps
Sulfur	34-1	1176691	1172373	1167859	1172308	0.38	cps
Terbium	159-1	6329391	6463960	6527706	6440352	1.57	cps
Terbium	159-2	3177343	3280348	3265771	3241154	1.72	cps
Thallium	203-1	200	275	242	239	15.73	cps
Thallium	205-1	558	683	617	619	10.10	cps
Tin	118-1	808	1258	1158	1075	21.98	cps
Titanium	47-1	713650	710073	722700	715475	0.91	cps
Uranium	238-1	133	100	83	106	24.12	cps
Vanadium	51-2	113	100	110	108	6.44	cps
Yttrium	89-1	9171216	9312659	9522243	9335372	1.89	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:13:21	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1095906	1119220	1130008	1115045	1.56	cps
Zinc	66-2	1917	1830	1807	1851	3.13	cps
Zirconium	90-1	450	483	408	447	8.40	cps
Zirconium	91-1	117	92	108	106	12.06	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:16:12 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1416091	1407613	1444519	1422741	1.36	cps
Antimony	121-1	60769	64025	64226	63007	3.08	cps
Arsenic	75-2	2279	2242	2169	2230	2.51	cps
Barium	135-1	13524	12815	12715	13018	3.39	cps
Barium	137-1	22135	23196	23120	22817	2.59	cps
Beryllium	9-1	10188	10376	10434	10332	1.25	cps
Bismuth	209-1	3599881	3534630	3744662	3626391	2.96	cps
Bismuth	209-2	2260710	2272236	2312468	2281805	1.19	cps
Boron	11-1	12011	13085	13838	12978	7.08	cps
Boron	10-1	2408	2728	2866	2667	8.81	cps
Bromine	81-1	2523	2713	2833	2690	5.82	cps
Cadmium	106-1	4242	4134	4718	4365	7.11	cps
Cadmium	108-1	1454	1479	1504	1479	1.69	cps
Cadmium	111-1	12408	13001	13276	12895	3.44	cps
Calcium	43-1	672992	684761	690987	682913	1.34	cps
Calcium	44-1	10908001	11088715	11237640	11078119	1.49	cps
Chromium	52-2	30994	30646	30780	30807	0.57	cps
Cobalt	59-2	28786	29835	29130	29250	1.83	cps
Copper	63-2	30246	30449	29571	30089	1.53	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	7	10	20	12	56.76	cps
Erbium	164-1	50	33	25	36	35.25	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	58	75	67	67	12.50	cps
Gadolinium	160-2	27	23	33	28	18.33	cps
Holmium	165-1	6082521	6068501	6194456	6115159	1.13	cps
Holmium	165-2	3245323	3266044	3425200	3312189	2.97	cps
Indium	115-1	5414183	5437637	5669707	5507176	2.56	cps
Indium	115-2	963502	958357	974774	965544	0.87	cps
Iron	54-2	3207750	3188281	3165843	3187292	0.66	cps
Iron	56-2	58731203	57470228	58098317	58099916	1.09	cps
Iron	57-2	1494924	1481130	1471020	1482358	0.81	cps
Krypton	83-1	400	440	403	414	5.36	cps
Lead	207-1	32185	33415	33115	32905	1.95	cps
Lead	208-1	150337	154854	156926	154039	2.19	cps
Lead	206-1	39616	40090	40898	40201	1.61	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:16:12	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1369427	1334012	1395609	1366349	2.26	cps
Magnesium	24-2	4326397	4261258	4290765	4292807	0.76	cps
Manganese	55-2	9817	9970	9994	9927	0.97	cps
Molybdenum	94-1	1563217	1570226	1582489	1571977	0.62	cps
Molybdenum	95-1	2630725	2661007	2631793	2641175	0.65	cps
Molybdenum	96-1	2816071	2785105	2818096	2806424	0.66	cps
Molybdenum	97-1	1620013	1633974	1617162	1623716	0.55	cps
Molybdenum	98-1	4178892	4159459	4221342	4186565	0.76	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	9547	9553	9747	9616	1.18	cps
Phosphorus	31-2	102024	102309	101504	101946	0.40	cps
Potassium	39-2	3610771	3597305	3544639	3584238	0.98	cps
Rhodium	103-1	5198300	5052018	5314175	5188164	2.53	cps
Rhodium	103-2	2691708	2690198	2744913	2708940	1.15	cps
Scandium	45-1	3485792	3410604	3497324	3464573	1.36	cps
Scandium	45-2	126472	125541	125509	125841	0.43	cps
Selenium	77-2	30	30	37	32	11.95	cps
Selenium	78-2	147	117	137	134	11.43	cps
Selenium	82-1	799	793	876	823	5.60	cps
Silicon	28-1	838813	851229	851966	847336	0.87	cps
Silver	109-1	59537	60894	60391	60274	1.14	cps
Silver	107-1	63162	63145	64526	63611	1.25	cps
Sodium	23-2	8431679	8459129	8491318	8460709	0.35	cps
Strontium	86-1	77900	76443	78973	77772	1.63	cps
Strontium	88-1	649704	657718	658278	655233	0.73	cps
Sulfur	34-1	1120829	1123907	1124643	1123127	0.18	cps
Terbium	159-1	6311505	6371871	6701883	6461753	3.25	cps
Terbium	159-2	3206479	3243923	3279505	3243303	1.13	cps
Thallium	203-1	39385	39820	40012	39739	0.81	cps
Thallium	205-1	92160	95418	95509	94362	2.02	cps
Tin	118-1	112016	116552	115996	114854	2.15	cps
Titanium	47-1	725287	736947	741787	734673	1.15	cps
Uranium	238-1	309019	319733	316398	315050	1.74	cps
Vanadium	51-2	12752	12145	12602	12500	2.53	cps
Yttrium	89-1	9328475	9243482	9514151	9362036	1.48	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:16:12	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1127954	1120336	1155354	1134548	1.62	cps
Zinc	66-2	4681	4871	4948	4833	2.84	cps
Zirconium	90-1	252168	254653	256911	254577	0.93	cps
Zirconium	91-1	56397	56188	57595	56727	1.34	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : CCV18 Instrumnet Name : P8
 Client Sample ID : CCV18 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:19:00 DataFile Name : 017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	758265	756419	746153	753612	0.87	cps
Antimony	121-1	1478734	1495304	1527185	1500408	1.64	cps
Arsenic	75-2	57019	56968	56626	56871	0.38	cps
Barium	135-1	1515422	1552604	1559957	1542661	1.55	cps
Barium	137-1	2685079	2730251	2730455	2715262	0.96	cps
Beryllium	9-1	254169	260710	262419	259099	1.68	cps
Bismuth	209-1	3570395	3498827	3606992	3558738	1.55	cps
Bismuth	209-2	2296853	2261225	2216564	2258214	1.78	cps
Boron	11-1	75672	88212	96798	86894	12.23	cps
Boron	10-1	15962	17987	20272	18074	11.93	cps
Bromine	81-1	2323	2583	2182	2363	8.60	cps
Cadmium	106-1	36282	36666	37017	36655	1.00	cps
Cadmium	108-1	23620	24660	24910	24397	2.80	cps
Cadmium	111-1	307035	315028	316619	312894	1.64	cps
Calcium	43-1	1740883	1798040	1757720	1765548	1.66	cps
Calcium	44-1	27552299	28858328	28721084	28377237	2.53	cps
Chromium	52-2	401337	400601	396218	399385	0.69	cps
Cobalt	59-2	709660	708741	703404	707268	0.48	cps
Copper	63-2	5184950	5195663	5163074	5181229	0.32	cps
Dysprosium	156-1	92	83	175	117	43.45	cps
Dysprosium	156-2	73	80	67	73	9.09	cps
Erbium	164-1	50	42	50	47	10.18	cps
Erbium	164-2	37	27	23	29	24.03	cps
Gadolinium	160-1	175	125	125	142	20.38	cps
Gadolinium	160-2	70	120	70	87	33.31	cps
Holmium	165-1	6130921	6021285	6159798	6104001	1.20	cps
Holmium	165-2	3324545	3273035	3277250	3291610	0.87	cps
Indium	115-1	5450334	5404436	5458698	5437823	0.54	cps
Indium	115-2	969156	968530	955577	964421	0.79	cps
Iron	54-2	4000850	4065784	4002273	4022969	0.92	cps
Iron	56-2	72771346	72550379	71807090	72376272	0.70	cps
Iron	57-2	1831882	1841367	1818808	1830686	0.62	cps
Krypton	83-1	480	500	407	462	10.63	cps
Lead	207-1	3774834	3899388	3846496	3840239	1.63	cps
Lead	208-1	16879418	17259609	17286084	17141704	1.33	cps
Lead	206-1	4190543	4295530	4355390	4280488	1.95	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:19:00	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1345206	1346873	1396371	1362817	2.13	cps
Magnesium	24-2	11395610	11484435	11232743	11370930	1.12	cps
Manganese	55-2	1932968	1940089	1963791	1945616	0.83	cps
Molybdenum	94-1	2704884	2784499	2790002	2759795	1.73	cps
Molybdenum	95-1	3351230	3425613	3443500	3406781	1.44	cps
Molybdenum	96-1	3673743	3848063	3757332	3759713	2.32	cps
Molybdenum	97-1	2109618	2170505	2119101	2133075	1.54	cps
Molybdenum	98-1	5411224	5526973	5484429	5474209	1.07	cps
Neodymium	150-1	67	47	80	64	26.03	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	194036	192736	193556	193442	0.34	cps
Phosphorus	31-2	10921	11463	11738	11374	3.66	cps
Potassium	39-2	4792490	4830434	4695933	4772952	1.45	cps
Rhodium	103-1	5253756	5142465	5239113	5211778	1.16	cps
Rhodium	103-2	2717371	2744175	2700984	2720843	0.80	cps
Scandium	45-1	3516709	3420550	3499376	3478878	1.47	cps
Scandium	45-2	126922	126052	126459	126478	0.34	cps
Selenium	77-2	750	740	780	757	2.75	cps
Selenium	78-2	2605	2612	2457	2558	3.40	cps
Selenium	82-1	22026	22698	22971	22565	2.16	cps
Silicon	28-1	1513184	1615107	1712590	1613627	6.18	cps
Silver	109-1	1527169	1587237	1546295	1553567	1.98	cps
Silver	107-1	1622600	1654172	1661207	1645993	1.25	cps
Sodium	23-2	21864285	21876180	21949948	21896804	0.21	cps
Strontium	86-1	431776	444620	441923	439439	1.54	cps
Strontium	88-1	3608456	3733155	3713804	3685138	1.82	cps
Sulfur	34-1	483231	490636	497224	490364	1.43	cps
Terbium	159-1	6443237	6350149	6415577	6402988	0.75	cps
Terbium	159-2	3259730	3265806	3288462	3271333	0.46	cps
Thallium	203-1	978418	1000067	999331	992606	1.24	cps
Thallium	205-1	2345115	2396783	2415373	2385757	1.53	cps
Tin	118-1	1044153	1058190	1062057	1054800	0.89	cps
Titanium	47-1	919479	944493	945448	936474	1.57	cps
Uranium	238-1	2855917	2967728	2911508	2911718	1.92	cps
Vanadium	51-2	326589	329299	326456	327448	0.49	cps
Yttrium	89-1	9256735	9091686	9489908	9279443	2.16	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:19:00	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1156817	1166116	1147232	1156722	0.82	cps
Zinc	66-2	750222	752476	741699	748132	0.76	cps
Zirconium	90-1	2233934	2349600	2353407	2312314	2.94	cps
Zirconium	91-1	504209	524581	530156	519649	2.63	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:26:15 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	307	304	332	315	4.97	cps
Antimony	121-1	33	25	42	33	25.01	cps
Arsenic	75-2	7	7	5	6	18.23	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	42	25	33	33	25.01	cps
Beryllium	9-1	40	52	74	55	31.17	cps
Bismuth	209-1	3671278	3644176	3153735	3489730	8.35	cps
Bismuth	209-2	2303371	2239990	2277711	2273691	1.40	cps
Boron	11-1	3022	3110	2992	3041	2.02	cps
Boron	10-1	666	592	606	621	6.33	cps
Bromine	81-1	2242	2333	2383	2319	3.06	cps
Cadmium	106-1	2609	2759	2284	2550	9.52	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Cadmium	111-1	250	273	223	249	10.16	cps
Calcium	43-1	315	335	276	309	9.67	cps
Calcium	44-1	22959	22223	22341	22508	1.76	cps
Chromium	52-2	917	983	910	937	4.33	cps
Cobalt	59-2	17	63	37	39	60.19	cps
Copper	63-2	1003	990	903	966	5.62	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	10	17	0	9	94.38	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	17	23	7	16	53.90	cps
Gadolinium	160-1	50	58	50	53	9.11	cps
Gadolinium	160-2	30	10	17	19	53.91	cps
Holmium	165-1	6138846	6115978	5386964	5880596	7.27	cps
Holmium	165-2	3231876	3253523	3279100	3254833	0.73	cps
Indium	115-1	5491593	5603759	4761934	5285762	8.65	cps
Indium	115-2	967662	964350	981578	971197	0.94	cps
Iron	54-2	350	328	350	343	3.74	cps
Iron	56-2	2684	2517	2611	2604	3.21	cps
Iron	57-2	161	106	72	113	39.75	cps
Krypton	83-1	390	427	370	396	7.27	cps
Lead	207-1	533	544	650	576	11.18	cps
Lead	208-1	2828	2511	2433	2591	8.07	cps
Lead	206-1	767	589	678	678	13.12	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:26:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1321920	1347919	1234983	1301607	4.54	cps
Magnesium	24-2	300	358	308	322	9.79	cps
Manganese	55-2	47	60	57	54	12.74	cps
Molybdenum	94-1	242	167	158	189	24.30	cps
Molybdenum	95-1	150	142	58	117	43.44	cps
Molybdenum	96-1	192	208	175	192	8.69	cps
Molybdenum	97-1	117	92	100	103	12.39	cps
Molybdenum	98-1	158	133	125	139	12.49	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	157	190	100	149	30.56	cps
Phosphorus	31-2	225	225	183	211	11.40	cps
Potassium	39-2	21366	20390	20540	20765	2.53	cps
Rhodium	103-1	5378189	5380696	4688265	5149050	7.75	cps
Rhodium	103-2	2793037	2761251	2834299	2796196	1.31	cps
Scandium	45-1	3458280	3412246	3092876	3321134	5.99	cps
Scandium	45-2	124319	123129	126036	124495	1.17	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	36	18	26	27	33.82	cps
Selenium	82-1	-4	-38	31	-3	-1021.88	cps
Silicon	28-1	697596	697215	700944	698585	0.29	cps
Silver	109-1	58	33	100	64	52.72	cps
Silver	107-1	117	108	100	108	7.69	cps
Sodium	23-2	20048	21074	19822	20315	3.28	cps
Strontium	86-1	650	592	642	628	5.03	cps
Strontium	88-1	75	142	58	92	48.11	cps
Sulfur	34-1	402078	400717	400729	401175	0.19	cps
Terbium	159-1	6515339	6401072	5630039	6182150	7.79	cps
Terbium	159-2	3277117	3198084	3265912	3247038	1.32	cps
Thallium	203-1	250	158	200	203	22.63	cps
Thallium	205-1	500	450	358	436	16.47	cps
Tin	118-1	267	308	283	286	7.33	cps
Titanium	47-1	408	358	442	403	10.41	cps
Uranium	238-1	17	25	8	17	50.01	cps
Vanadium	51-2	13	20	17	17	20.01	cps
Yttrium	89-1	9273762	9454882	8354893	9027846	6.53	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:26:15	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1124489	1118423	1151943	1131618	1.58	cps
Zinc	66-2	110	173	143	142	22.28	cps
Zirconium	90-1	367	358	317	347	7.71	cps
Zirconium	91-1	83	75	117	92	24.05	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:36:22	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	646	585	664	632	6.55	cps
Antimony	121-1	5977	5826	5985	5929	1.50	cps
Arsenic	75-2	129	122	137	129	5.80	cps
Barium	135-1	6060	5935	5885	5960	1.51	cps
Barium	137-1	9904	9737	10121	9921	1.94	cps
Beryllium	9-1	512	550	542	535	3.75	cps
Bismuth	209-1	3558990	3642322	3653878	3618397	1.43	cps
Bismuth	209-2	2295818	2301823	2273749	2290463	0.65	cps
Boron	11-1	4534	4996	5700	5077	11.57	cps
Boron	10-1	832	1074	1094	1000	14.58	cps
Bromine	81-1	2513	2313	2333	2386	4.62	cps
Cadmium	106-1	2550	2784	2800	2711	5.16	cps
Cadmium	108-1	50	29	100	60	60.95	cps
Cadmium	111-1	853	1045	943	947	10.14	cps
Calcium	43-1	3606	3710	3704	3673	1.58	cps
Calcium	44-1	76495	77072	76695	76754	0.38	cps
Chromium	52-2	2500	2477	2344	2440	3.46	cps
Cobalt	59-2	1293	1447	1450	1397	6.41	cps
Copper	63-2	3057	2967	2890	2971	2.81	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	20	3	10	11	75.52	cps
Gadolinium	160-1	33	42	92	56	56.79	cps
Gadolinium	160-2	40	30	33	34	14.78	cps
Holmium	165-1	5939933	6053070	5947335	5980113	1.06	cps
Holmium	165-2	3240983	3328938	3164553	3244825	2.54	cps
Indium	115-1	5483265	5514834	5469555	5489218	0.42	cps
Indium	115-2	969653	981548	949797	966999	1.66	cps
Iron	54-2	1978	1839	2084	1967	6.23	cps
Iron	56-2	31674	31880	31630	31728	0.42	cps
Iron	57-2	861	833	767	820	5.92	cps
Krypton	83-1	410	403	407	407	0.82	cps
Lead	207-1	1800	1878	1811	1830	2.30	cps
Lead	208-1	8729	8629	8651	8670	0.61	cps
Lead	206-1	2306	2284	2145	2245	3.89	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:36:22	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1346040	1336235	1307991	1330089	1.49	cps
Magnesium	24-2	23202	22309	23945	23152	3.54	cps
Manganese	55-2	460	337	427	408	15.65	cps
Molybdenum	94-1	5526	5026	5226	5259	4.79	cps
Molybdenum	95-1	6502	7144	6510	6718	5.48	cps
Molybdenum	96-1	6844	7235	7511	7197	4.66	cps
Molybdenum	97-1	3659	4142	4309	4037	8.37	cps
Molybdenum	98-1	9962	10529	10654	10382	3.55	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	470	553	543	522	8.71	cps
Phosphorus	31-2	175	175	192	181	5.33	cps
Potassium	39-2	37633	38402	38987	38340	1.77	cps
Rhodium	103-1	5284625	5409273	5474919	5389606	1.79	cps
Rhodium	103-2	2801423	2798337	2761435	2787065	0.80	cps
Scandium	45-1	3351381	3505861	3476639	3444627	2.38	cps
Scandium	45-2	125097	127241	122905	125081	1.73	cps
Selenium	77-2	23	7	13	14	58.06	cps
Selenium	78-2	67	55	52	58	13.68	cps
Selenium	82-1	189	245	216	216	12.96	cps
Silicon	28-1	714042	710282	702782	709035	0.81	cps
Silver	109-1	3225	3209	2959	3131	4.77	cps
Silver	107-1	3234	3434	3142	3270	4.56	cps
Sodium	23-2	61304	62133	61706	61714	0.67	cps
Strontium	86-1	1225	1442	1442	1370	9.14	cps
Strontium	88-1	7044	7127	6785	6985	2.55	cps
Sulfur	34-1	404224	399107	401145	401492	0.64	cps
Terbium	159-1	6460877	6498084	6442081	6467014	0.44	cps
Terbium	159-2	3237021	3256726	3168158	3220635	1.44	cps
Thallium	203-1	1984	2067	1975	2009	2.52	cps
Thallium	205-1	4451	4984	4934	4790	6.15	cps
Tin	118-1	10513	10029	9946	10162	3.01	cps
Titanium	47-1	2159	2325	2150	2211	4.47	cps
Uranium	238-1	5059	5218	5193	5157	1.65	cps
Vanadium	51-2	3230	3050	2887	3056	5.62	cps
Yttrium	89-1	9209890	9431085	9312786	9317920	1.19	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:36:22	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1134129	1145356	1128570	1136018	0.75	cps
Zinc	66-2	430	450	483	454	5.93	cps
Zirconium	90-1	4709	4451	5059	4740	6.44	cps
Zirconium	91-1	950	975	1000	975	2.56	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : PB132266BL Instrumnet Name : P8
 Client Sample ID : PB132266BL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:43:02 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330	304	330	321	4.72	cps
Antimony	121-1	33	33	25	31	15.74	cps
Arsenic	75-2	6	9	7	7	20.83	cps
Barium	135-1	0	50	8	19	137.78	cps
Barium	137-1	25	17	58	33	66.14	cps
Beryllium	9-1	46	48	38	44	12.03	cps
Bismuth	209-1	3538356	3272794	3630218	3480456	5.33	cps
Bismuth	209-2	2312594	2297472	2321386	2310484	0.52	cps
Boron	11-1	1146	1116	1244	1168	5.73	cps
Boron	10-1	268	204	228	233	13.86	cps
Bromine	81-1	2393	2563	2222	2393	7.11	cps
Cadmium	106-1	2692	2184	2334	2403	10.87	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Cadmium	111-1	266	218	228	237	10.71	cps
Calcium	43-1	327	300	291	306	6.18	cps
Calcium	44-1	20955	20752	20965	20891	0.57	cps
Chromium	52-2	1153	963	1043	1053	9.06	cps
Cobalt	59-2	30	33	37	33	10.01	cps
Copper	63-2	607	717	673	666	8.33	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	33	58	50	47	26.97	cps
Erbium	164-2	7	27	13	16	65.47	cps
Gadolinium	160-1	67	50	100	72	35.25	cps
Gadolinium	160-2	50	30	40	40	25.00	cps
Holmium	165-1	5839406	5480664	5984014	5768028	4.49	cps
Holmium	165-2	3263590	3238262	3270135	3257329	0.52	cps
Indium	115-1	5428208	4917290	5602781	5316093	6.70	cps
Indium	115-2	975473	959465	980344	971761	1.12	cps
Iron	54-2	361	261	300	307	16.40	cps
Iron	56-2	2145	2300	2300	2248	4.00	cps
Iron	57-2	150	94	128	124	22.53	cps
Krypton	83-1	477	433	413	441	7.34	cps
Lead	207-1	439	617	500	519	17.42	cps
Lead	208-1	2261	2356	2589	2402	7.02	cps
Lead	206-1	567	550	700	606	13.58	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BL	Instrumnet Name :	P8
Client Sample ID :	PB132266BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:43:02	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1336662	1222879	1350947	1303496	5.38	cps
Magnesium	24-2	308	275	292	292	5.71	cps
Manganese	55-2	80	57	47	61	27.99	cps
Molybdenum	94-1	142	158	167	156	8.18	cps
Molybdenum	95-1	67	25	67	53	45.58	cps
Molybdenum	96-1	100	117	150	122	20.83	cps
Molybdenum	97-1	17	42	25	28	45.82	cps
Molybdenum	98-1	42	50	108	67	54.49	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	127	127	130	128	1.50	cps
Phosphorus	31-2	208	183	167	186	11.27	cps
Potassium	39-2	20599	20857	20164	20540	1.70	cps
Rhodium	103-1	5266717	4777245	5267575	5103846	5.54	cps
Rhodium	103-2	2851090	2793825	2817526	2820813	1.02	cps
Scandium	45-1	3424859	3157050	3425707	3335872	4.64	cps
Scandium	45-2	128012	123275	126304	125864	1.91	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	37	41	44	41	8.64	cps
Selenium	82-1	-88	-33	-45	-56	-51.49	cps
Silicon	28-1	689239	691288	685000	688509	0.47	cps
Silver	109-1	25	33	58	39	44.61	cps
Silver	107-1	100	50	67	72	35.25	cps
Sodium	23-2	17110	17436	17661	17402	1.59	cps
Strontium	86-1	517	642	667	608	13.21	cps
Strontium	88-1	125	142	100	122	17.16	cps
Sulfur	34-1	403845	398325	402955	401708	0.74	cps
Terbium	159-1	6295722	5776275	6345752	6139250	5.14	cps
Terbium	159-2	3260292	3225078	3266509	3250626	0.69	cps
Thallium	203-1	83	150	108	114	29.57	cps
Thallium	205-1	200	267	183	217	20.35	cps
Tin	118-1	308	325	375	336	10.32	cps
Titanium	47-1	442	392	442	425	6.79	cps
Uranium	238-1	8	8	25	14	69.31	cps
Vanadium	51-2	17	13	13	14	13.35	cps
Yttrium	89-1	9199106	8407950	9311066	8972707	5.49	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BL	Instrumnet Name :	P8
Client Sample ID :	PB132266BL	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:43:02	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1155736	1133771	1158283	1149263	1.17	cps
Zinc	66-2	143	77	107	109	30.66	cps
Zirconium	90-1	475	392	475	447	10.76	cps
Zirconium	91-1	50	83	108	81	36.33	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BS	Instrumnet Name :	P8
Client Sample ID :	PB132266BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:45:52	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156847	159066	156514	157476	0.88	cps
Antimony	121-1	1484546	1509194	1519747	1504496	1.20	cps
Arsenic	75-2	57700	58136	57786	57874	0.40	cps
Barium	135-1	1530086	1558538	1564988	1551204	1.20	cps
Barium	137-1	2672843	2685725	2749439	2702669	1.52	cps
Beryllium	9-1	257598	266022	262463	262028	1.61	cps
Bismuth	209-1	3594698	3688849	3561543	3615030	1.83	cps
Bismuth	209-2	2313290	2309808	2275938	2299679	0.90	cps
Boron	11-1	67364	79949	88291	78535	13.41	cps
Boron	10-1	14036	16358	18458	16284	13.58	cps
Bromine	81-1	2703	2323	2603	2543	7.76	cps
Cadmium	106-1	36733	37995	37602	37443	1.72	cps
Cadmium	108-1	24226	24155	24668	24349	1.14	cps
Cadmium	111-1	315998	319719	326384	320700	1.64	cps
Calcium	43-1	356541	364630	363073	361414	1.19	cps
Calcium	44-1	5818730	5958193	5857435	5878119	1.22	cps
Chromium	52-2	407486	404657	405243	405795	0.37	cps
Cobalt	59-2	729843	727339	723175	726786	0.46	cps
Copper	63-2	5414225	5369091	5311582	5364966	0.96	cps
Dysprosium	156-1	17	25	42	28	45.82	cps
Dysprosium	156-2	10	13	17	13	25.01	cps
Erbium	164-1	67	25	42	44	47.19	cps
Erbium	164-2	7	13	20	13	49.99	cps
Gadolinium	160-1	50	58	100	69	38.57	cps
Gadolinium	160-2	47	33	23	34	34.00	cps
Holmium	165-1	6040931	6175594	6109377	6108634	1.10	cps
Holmium	165-2	3337742	3327551	3307630	3324308	0.46	cps
Indium	115-1	5508088	5485542	5548388	5514006	0.58	cps
Indium	115-2	972210	982562	984270	979681	0.67	cps
Iron	54-2	857687	875675	867785	867049	1.04	cps
Iron	56-2	15949023	15830166	15553430	15777539	1.29	cps
Iron	57-2	395711	389036	389732	391493	0.94	cps
Krypton	83-1	403	410	327	380	12.19	cps
Lead	207-1	3762257	3892112	3928836	3861068	2.27	cps
Lead	208-1	16968742	17461070	17343563	17257792	1.49	cps
Lead	206-1	4267085	4303928	4336194	4302402	0.80	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BS	Instrumnet Name :	P8
Client Sample ID :	PB132266BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:45:52	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1338897	1371397	1332135	1347477	1.56	cps
Magnesium	24-2	2411578	2421576	2408546	2413900	0.28	cps
Manganese	55-2	2008624	2000069	2004797	2004497	0.21	cps
Molybdenum	94-1	2761875	2825012	2817869	2801585	1.23	cps
Molybdenum	95-1	3409520	3405775	3490200	3435165	1.39	cps
Molybdenum	96-1	3752787	3738611	3756729	3749376	0.25	cps
Molybdenum	97-1	2092220	2149216	2140184	2127207	1.44	cps
Molybdenum	98-1	5337519	5464761	5494387	5432223	1.53	cps
Neodymium	150-1	80	53	33	56	42.15	cps
Neodymium	150-2	13	13	3	10	57.75	cps
Nickel	60-2	199573	201392	197653	199539	0.94	cps
Phosphorus	31-2	11588	11638	11655	11627	0.30	cps
Potassium	39-2	1026733	1028618	1020697	1025349	0.40	cps
Rhodium	103-1	5232006	5286093	5317852	5278650	0.82	cps
Rhodium	103-2	2809978	2812444	2791795	2804739	0.40	cps
Scandium	45-1	3472891	3590926	3475066	3512961	1.92	cps
Scandium	45-2	130174	128536	126448	128386	1.45	cps
Selenium	77-2	767	810	753	777	3.81	cps
Selenium	78-2	2576	2595	2560	2577	0.66	cps
Selenium	82-1	22226	23216	23324	22922	2.64	cps
Silicon	28-1	1472934	1622306	1691384	1595541	7.00	cps
Silver	109-1	1589906	1607378	1614424	1603902	0.79	cps
Silver	107-1	1690292	1697822	1702640	1696918	0.37	cps
Sodium	23-2	4604480	4538122	4529045	4557216	0.90	cps
Strontium	86-1	433541	441422	441772	438912	1.06	cps
Strontium	88-1	3649471	3747010	3674930	3690470	1.37	cps
Sulfur	34-1	512305	511900	511269	511824	0.10	cps
Terbium	159-1	6403017	6581976	6523940	6502978	1.40	cps
Terbium	159-2	3299737	3302372	3270197	3290769	0.54	cps
Thallium	203-1	988287	1011041	1009766	1003031	1.27	cps
Thallium	205-1	2402976	2410282	2419650	2410969	0.35	cps
Tin	118-1	1048319	1074476	1076969	1066588	1.49	cps
Titanium	47-1	934314	957883	939989	944062	1.30	cps
Uranium	238-1	2818264	2910736	2875758	2868253	1.63	cps
Vanadium	51-2	336034	331267	332633	333311	0.74	cps
Yttrium	89-1	9312340	9453735	9394817	9386964	0.76	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	PB132266BS	Instrumnet Name :	P8
Client Sample ID :	PB132266BS	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:45:52	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1151071	1161029	1157051	1156384	0.43	cps
Zinc	66-2	762585	775071	764618	767425	0.87	cps
Zirconium	90-1	2265576	2302700	2316983	2295086	1.16	cps
Zirconium	91-1	513904	524232	530483	522873	1.60	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUID	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:48:42	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111945	111575	112064	111861	0.23	cps
Antimony	121-1	9320	9112	9062	9164	1.50	cps
Arsenic	75-2	406	400	434	413	4.39	cps
Barium	135-1	53808	55280	52862	53983	2.26	cps
Barium	137-1	93330	95059	94496	94295	0.94	cps
Beryllium	9-1	220	212	250	227	8.81	cps
Bismuth	209-1	3739858	4077063	3924773	3913898	4.31	cps
Bismuth	209-2	2534286	2510340	2485245	2509957	0.98	cps
Boron	11-1	618917	738711	819553	725727	13.91	cps
Boron	10-1	128158	152121	168095	149458	13.45	cps
Bromine	81-1	26382	29190	30494	28689	7.32	cps
Cadmium	106-1	6485	6802	6802	6696	2.73	cps
Cadmium	108-1	2696	2717	2709	2707	0.39	cps
Cadmium	111-1	37257	37174	38157	37529	1.45	cps
Calcium	43-1	464550	473473	475413	471145	1.23	cps
Calcium	44-1	7753201	7627910	7679903	7687005	0.82	cps
Chromium	52-2	8966	8883	9437	9095	3.28	cps
Cobalt	59-2	3440	3237	3277	3318	3.25	cps
Copper	63-2	643235	644427	638494	642052	0.49	cps
Dysprosium	156-1	1892	1834	2117	1947	7.68	cps
Dysprosium	156-2	837	877	953	889	6.67	cps
Erbium	164-1	1317	1567	1558	1481	9.59	cps
Erbium	164-2	830	857	660	782	13.64	cps
Gadolinium	160-1	1633	1775	1784	1731	4.87	cps
Gadolinium	160-2	1097	1060	1110	1089	2.38	cps
Holmium	165-1	6229027	6728702	6699670	6552467	4.28	cps
Holmium	165-2	3590989	3631952	3531849	3584930	1.40	cps
Indium	115-1	5637264	6206012	5981913	5941730	4.82	cps
Indium	115-2	1076488	1068275	1054904	1066556	1.02	cps
Iron	54-2	1241882	1210114	1219251	1223749	1.34	cps
Iron	56-2	22655603	22752184	22315575	22574454	1.02	cps
Iron	57-2	559440	562070	552414	557975	0.89	cps
Krypton	83-1	447	430	397	424	6.00	cps
Lead	207-1	1814929	1855706	1875459	1848698	1.67	cps
Lead	208-1	8359169	8587056	8598971	8515065	1.59	cps
Lead	206-1	2155642	2218567	2176427	2183545	1.47	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01 Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUID Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:48:42 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1360416	1462524	1433475	1418805	3.71	cps
Magnesium	24-2	167992	168693	163180	166622	1.80	cps
Manganese	55-2	76074	74908	75146	75376	0.82	cps
Molybdenum	94-1	11814	11705	11964	11828	1.10	cps
Molybdenum	95-1	3509	3576	3309	3464	4.01	cps
Molybdenum	96-1	5368	5351	5768	5496	4.29	cps
Molybdenum	97-1	2142	2317	2050	2170	6.25	cps
Molybdenum	98-1	5343	5593	5610	5515	2.71	cps
Neodymium	150-1	3240	3594	3187	3340	6.62	cps
Neodymium	150-2	1143	1190	1137	1157	2.51	cps
Nickel	60-2	5144	4968	4734	4949	4.16	cps
Phosphorus	31-2	450	567	458	492	13.24	cps
Potassium	39-2	255432	251673	256213	254439	0.95	cps
Rhodium	103-1	5467878	5826882	5868552	5721104	3.85	cps
Rhodium	103-2	3022917	3014799	3048228	3028648	0.58	cps
Scandium	45-1	3652228	3852017	3810948	3771731	2.80	cps
Scandium	45-2	138598	137120	136523	137414	0.78	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	42	39	37	39	6.40	cps
Selenium	82-1	10	119	-4	42	161.59	cps
Silicon	28-1	22848167	23333216	23139349	23106910	1.06	cps
Silver	109-1	1050	1317	1225	1197	11.32	cps
Silver	107-1	1275	1342	1250	1289	3.68	cps
Sodium	23-2	3037376	3093115	3022822	3051105	1.22	cps
Strontium	86-1	237163	237513	237669	237448	0.11	cps
Strontium	88-1	2018070	2024025	2009965	2017354	0.35	cps
Sulfur	34-1	641196	649042	640100	643446	0.76	cps
Terbium	159-1	6593222	7047942	7042721	6894628	3.79	cps
Terbium	159-2	3544053	3593333	3530951	3556112	0.92	cps
Thallium	203-1	900	808	675	794	14.24	cps
Thallium	205-1	1942	1867	1825	1878	3.15	cps
Tin	118-1	14091	14466	14733	14430	2.24	cps
Titanium	47-1	19505	15834	16034	17124	12.05	cps
Uranium	238-1	725	792	733	750	4.84	cps
Vanadium	51-2	5558	5408	5661	5542	2.30	cps
Yttrium	89-1	9647311	10300385	10330060	10092586	3.82	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUID	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:48:42	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1270232	1254112	1242957	1255767	1.09	cps
Zinc	66-2	2835859	2856207	2826106	2839390	0.54	cps
Zirconium	90-1	25891	25724	27865	26494	4.49	cps
Zirconium	91-1	6160	6302	5776	6079	4.47	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01DUP Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDIL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:51:30 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	112178	111431	111023	111544	0.52	cps
Antimony	121-1	8536	9070	8937	8848	3.14	cps
Arsenic	75-2	449	418	374	414	9.11	cps
Barium	135-1	53707	56050	55447	55068	2.21	cps
Barium	137-1	94085	94941	94647	94558	0.46	cps
Beryllium	9-1	256	176	226	219	18.42	cps
Bismuth	209-1	3953881	3918097	3916319	3929432	0.54	cps
Bismuth	209-2	2472387	2434890	2473611	2460296	0.89	cps
Boron	11-1	691051	803495	886382	793642	12.35	cps
Boron	10-1	141402	168906	182113	164140	12.65	cps
Bromine	81-1	29240	31608	33233	31361	6.40	cps
Cadmium	106-1	6735	6869	6952	6852	1.60	cps
Cadmium	108-1	2659	3117	2959	2911	8.00	cps
Cadmium	111-1	37032	37552	37441	37342	0.73	cps
Calcium	43-1	459650	470582	464938	465056	1.18	cps
Calcium	44-1	7467631	7628169	7474438	7523413	1.21	cps
Chromium	52-2	9243	8970	9407	9206	2.40	cps
Cobalt	59-2	3390	3407	3227	3342	2.98	cps
Copper	63-2	643166	639794	638060	640340	0.41	cps
Dysprosium	156-1	1800	1750	1875	1808	3.48	cps
Dysprosium	156-2	903	897	847	882	3.51	cps
Erbium	164-1	1542	1634	1533	1570	3.54	cps
Erbium	164-2	833	760	740	778	6.32	cps
Gadolinium	160-1	1867	1725	1817	1803	3.99	cps
Gadolinium	160-2	1013	1007	963	994	2.73	cps
Holmium	165-1	6497849	6616959	6552101	6555636	0.91	cps
Holmium	165-2	3524698	3471694	3573540	3523311	1.45	cps
Indium	115-1	6097588	6061403	5908127	6022373	1.67	cps
Indium	115-2	1053129	1042298	1053499	1049642	0.61	cps
Iron	54-2	1228935	1222032	1221804	1224257	0.33	cps
Iron	56-2	22747744	22703254	22677598	22709532	0.16	cps
Iron	57-2	566337	565455	559826	563873	0.63	cps
Krypton	83-1	403	433	380	406	6.59	cps
Lead	207-1	1830284	1853722	1830680	1838228	0.73	cps
Lead	208-1	8443625	8537104	8520563	8500430	0.59	cps
Lead	206-1	2149523	2155841	2190219	2165194	1.01	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01DUP Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDIL Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:51:30 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1415339	1431422	1401857	1416206	1.05	cps
Magnesium	24-2	165903	166984	165584	166157	0.44	cps
Manganese	55-2	75907	75625	74708	75413	0.83	cps
Molybdenum	94-1	11330	11597	11038	11322	2.47	cps
Molybdenum	95-1	3117	3159	3017	3098	2.35	cps
Molybdenum	96-1	4884	4868	5184	4979	3.58	cps
Molybdenum	97-1	1767	2009	2242	2006	11.84	cps
Molybdenum	98-1	5310	5109	4968	5129	3.35	cps
Neodymium	150-1	2900	3194	3240	3112	5.93	cps
Neodymium	150-2	1197	1180	1127	1168	3.13	cps
Nickel	60-2	5098	4771	4898	4922	3.35	cps
Phosphorus	31-2	508	592	392	497	20.21	cps
Potassium	39-2	253159	250497	251347	251668	0.54	cps
Rhodium	103-1	5850446	5760081	5706257	5772261	1.26	cps
Rhodium	103-2	3001363	3013843	2968772	2994659	0.78	cps
Scandium	45-1	3877641	3852633	3703584	3811286	2.47	cps
Scandium	45-2	135756	134892	137077	135909	0.81	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	38	36	39	38	4.06	cps
Selenium	82-1	52	-19	43	26	149.94	cps
Silicon	28-1	22757726	22989554	23144653	22963978	0.85	cps
Silver	109-1	1042	1100	1225	1122	8.35	cps
Silver	107-1	1258	1267	1367	1297	4.65	cps
Sodium	23-2	3028253	3011824	3045786	3028621	0.56	cps
Strontium	86-1	233148	240995	237475	237206	1.66	cps
Strontium	88-1	1965768	1996220	2008767	1990252	1.11	cps
Sulfur	34-1	625523	633090	644048	634220	1.47	cps
Terbium	159-1	6870156	6898447	7004393	6924332	1.02	cps
Terbium	159-2	3490732	3515671	3492998	3499800	0.39	cps
Thallium	203-1	417	450	458	442	4.99	cps
Thallium	205-1	1075	992	958	1008	5.96	cps
Tin	118-1	15075	15017	14783	14959	1.03	cps
Titanium	47-1	17103	16043	15701	16282	4.49	cps
Uranium	238-1	542	667	692	633	12.69	cps
Vanadium	51-2	5765	5614	5514	5631	2.24	cps
Yttrium	89-1	10134429	10080639	9984258	10066442	0.76	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01DUP	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUIDI	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:51:30	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1235364	1235049	1244038	1238150	0.41	cps
Zinc	66-2	2865381	2794946	2856786	2839038	1.35	cps
Zirconium	90-1	26676	26935	27086	26899	0.77	cps
Zirconium	91-1	5868	6035	6385	6096	4.33	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01LX5 Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDL Dilution Factor : 5
 Date & Time Acquired :: 2020-10-12 13:54:21 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20464	20186	20260	20304	0.71	cps
Antimony	121-1	1517	1742	1658	1639	6.94	cps
Arsenic	75-2	79	103	68	83	21.47	cps
Barium	135-1	10121	10021	10112	10085	0.55	cps
Barium	137-1	15993	17003	17178	16725	3.82	cps
Beryllium	9-1	70	86	98	85	16.59	cps
Bismuth	209-1	3760057	3767093	3706760	3744637	0.88	cps
Bismuth	209-2	2289449	2352863	2248135	2296815	2.30	cps
Boron	11-1	227191	238652	238524	234789	2.80	cps
Boron	10-1	47015	49182	51108	49102	4.17	cps
Bromine	81-1	11036	11426	11877	11446	3.68	cps
Cadmium	106-1	3067	3317	3442	3275	5.83	cps
Cadmium	108-1	533	533	525	531	0.91	cps
Cadmium	111-1	6748	6843	6829	6807	0.76	cps
Calcium	43-1	82254	84218	84466	83646	1.45	cps
Calcium	44-1	1394889	1399473	1393200	1395854	0.23	cps
Chromium	52-2	2344	2504	2380	2409	3.48	cps
Cobalt	59-2	660	680	553	631	10.79	cps
Copper	63-2	118409	116517	115945	116957	1.10	cps
Dysprosium	156-1	442	300	325	356	21.27	cps
Dysprosium	156-2	190	163	137	163	16.33	cps
Erbium	164-1	200	283	417	300	36.43	cps
Erbium	164-2	143	160	167	157	7.67	cps
Gadolinium	160-1	392	417	358	389	7.52	cps
Gadolinium	160-2	220	197	197	204	6.59	cps
Holmium	165-1	6137365	6171536	6195031	6167977	0.47	cps
Holmium	165-2	3348379	3317572	3202244	3289398	2.34	cps
Indium	115-1	5580251	5644505	5673714	5632823	0.85	cps
Indium	115-2	976727	992983	956482	975398	1.87	cps
Iron	54-2	221086	220253	223281	221540	0.71	cps
Iron	56-2	4115339	4133518	4127551	4125469	0.22	cps
Iron	57-2	101582	101704	100916	101401	0.42	cps
Krypton	83-1	413	413	387	404	3.81	cps
Lead	207-1	321730	324702	329626	325353	1.23	cps
Lead	208-1	1479143	1498802	1513287	1497077	1.14	cps
Lead	206-1	380484	381014	386340	382613	0.85	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01LX5 Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDL Dilution Factor : 5
 Date & Time Acquired :: 2020-10-12 13:54:21 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1362631	1360406	1362727	1361921	0.10	cps
Magnesium	24-2	30908	29940	31384	30744	2.39	cps
Manganese	55-2	13910	13510	13560	13660	1.60	cps
Molybdenum	94-1	2175	1942	2117	2078	5.84	cps
Molybdenum	95-1	725	742	825	764	7.01	cps
Molybdenum	96-1	958	1275	1100	1111	14.28	cps
Molybdenum	97-1	442	433	475	450	4.90	cps
Molybdenum	98-1	925	942	1100	989	9.77	cps
Neodymium	150-1	533	567	500	533	6.25	cps
Neodymium	150-2	190	193	213	199	6.35	cps
Nickel	60-2	1060	923	1117	1033	9.62	cps
Phosphorus	31-2	183	208	158	183	13.64	cps
Potassium	39-2	63365	62026	61674	62355	1.43	cps
Rhodium	103-1	5290776	5367916	5476354	5378349	1.73	cps
Rhodium	103-2	2757108	2884452	2734095	2791885	2.90	cps
Scandium	45-1	3476338	3557847	3474656	3502947	1.36	cps
Scandium	45-2	126717	127319	123436	125824	1.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	28	35	46	36	24.97	cps
Selenium	82-1	-39	-17	-14	-23	-59.24	cps
Silicon	28-1	4668221	4686440	4599516	4651392	0.99	cps
Silver	109-1	225	250	233	236	5.39	cps
Silver	107-1	192	292	275	253	21.20	cps
Sodium	23-2	571258	568960	570493	570237	0.21	cps
Strontium	86-1	43251	42967	42590	42936	0.77	cps
Strontium	88-1	360962	366106	368790	365286	1.09	cps
Sulfur	34-1	434044	437897	435305	435749	0.45	cps
Terbium	159-1	6464223	6420009	6609426	6497886	1.53	cps
Terbium	159-2	3254180	3381545	3200016	3278580	2.84	cps
Thallium	203-1	175	233	217	208	14.42	cps
Thallium	205-1	367	383	283	344	15.55	cps
Tin	118-1	3017	3025	2767	2937	5.00	cps
Titanium	47-1	3217	3042	3367	3209	5.07	cps
Uranium	238-1	142	158	108	136	18.70	cps
Vanadium	51-2	1017	1073	1027	1039	2.91	cps
Yttrium	89-1	9452827	9599574	9494878	9515760	0.79	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01LX5	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUIDL	Dilution Factor :	5
Date & Time Acquired ::	2020-10-12 13:54:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1138322	1165603	1111317	1138414	2.38	cps
Zinc	66-2	515852	511857	514731	514146	0.40	cps
Zirconium	90-1	4726	4909	5093	4909	3.74	cps
Zirconium	91-1	1200	1167	1075	1147	5.64	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01MS Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDM Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:57:09 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	321415	321458	317933	320269	0.63	cps
Antimony	121-1	1530127	1594542	1588712	1571127	2.27	cps
Arsenic	75-2	67308	66433	66680	66807	0.68	cps
Barium	135-1	1685905	1769613	1733418	1729645	2.43	cps
Barium	137-1	3040730	3084763	2971034	3032176	1.89	cps
Beryllium	9-1	301146	310058	306792	305999	1.47	cps
Bismuth	209-1	3734978	3816797	3773523	3775100	1.08	cps
Bismuth	209-2	2366611	2379859	2270969	2339146	2.54	cps
Boron	11-1	771795	900208	880988	850997	8.14	cps
Boron	10-1	160172	186518	200500	182397	11.23	cps
Bromine	81-1	15084	16657	18241	16660	9.48	cps
Cadmium	106-1	44874	46495	48076	46482	3.44	cps
Cadmium	108-1	31382	31402	31177	31320	0.40	cps
Cadmium	111-1	406528	416825	413626	412327	1.28	cps
Calcium	43-1	843648	865318	863814	857593	1.41	cps
Calcium	44-1	13737941	14102051	13890950	13910314	1.31	cps
Chromium	52-2	470276	471242	467271	469596	0.44	cps
Cobalt	59-2	835838	838295	838394	837509	0.17	cps
Copper	63-2	1806744	1779461	1793413	1793206	0.76	cps
Dysprosium	156-1	1817	1884	1942	1881	3.33	cps
Dysprosium	156-2	977	950	930	952	2.46	cps
Erbium	164-1	1483	1717	1633	1611	7.34	cps
Erbium	164-2	760	817	717	764	6.56	cps
Gadolinium	160-1	1884	1700	1909	1831	6.22	cps
Gadolinium	160-2	1090	1183	1113	1129	4.30	cps
Holmium	165-1	6364736	6392027	6335389	6364051	0.45	cps
Holmium	165-2	3382298	3443289	3326181	3383923	1.73	cps
Indium	115-1	5812774	5727004	5779386	5773055	0.75	cps
Indium	115-2	1018095	1005613	982021	1001910	1.83	cps
Iron	54-2	2113753	2131830	2070747	2105443	1.49	cps
Iron	56-2	37862290	37905877	37190911	37653026	1.06	cps
Iron	57-2	940368	944081	935798	940082	0.44	cps
Krypton	83-1	417	407	383	402	4.25	cps
Lead	207-1	2715002	2799165	2727161	2747109	1.66	cps
Lead	208-1	12328327	12635530	12414896	12459584	1.27	cps
Lead	206-1	3115611	3210328	3135432	3153790	1.58	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01MS Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDM Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 13:57:09 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1371094	1380623	1371165	1374294	0.40	cps
Magnesium	24-2	2714709	2693227	2686286	2698074	0.55	cps
Manganese	55-2	489299	490632	485875	488602	0.50	cps
Molybdenum	94-1	2991676	3080902	3061603	3044727	1.54	cps
Molybdenum	95-1	3640450	3680249	3661835	3660845	0.54	cps
Molybdenum	96-1	4075007	4095043	4085056	4085035	0.25	cps
Molybdenum	97-1	2246772	2288726	2320067	2285188	1.61	cps
Molybdenum	98-1	5802079	5894809	5922650	5873179	1.07	cps
Neodymium	150-1	3067	2994	3301	3120	5.13	cps
Neodymium	150-2	1137	1207	1247	1197	4.65	cps
Nickel	60-2	237659	237558	237868	237695	0.07	cps
Phosphorus	31-2	408	533	425	456	14.90	cps
Potassium	39-2	1320767	1277317	1318236	1305440	1.87	cps
Rhodium	103-1	5560354	5568484	5466873	5531903	1.02	cps
Rhodium	103-2	2824437	2853472	2795368	2824425	1.03	cps
Scandium	45-1	3638041	3712983	3688153	3679726	1.04	cps
Scandium	45-2	132444	132327	129506	131426	1.27	cps
Selenium	77-2	933	837	893	888	5.47	cps
Selenium	78-2	2886	2921	2941	2916	0.96	cps
Selenium	82-1	25231	25763	25937	25644	1.43	cps
Silicon	28-1	30264686	30799601	31403966	30822751	1.85	cps
Silver	109-1	297557	302752	305855	302055	1.39	cps
Silver	107-1	318052	321194	320690	319979	0.53	cps
Sodium	23-2	7791611	7761630	7747629	7766957	0.29	cps
Strontium	86-1	736061	758517	757974	750850	1.71	cps
Strontium	88-1	6217274	6332511	6368991	6306259	1.26	cps
Sulfur	34-1	630816	639669	636100	635528	0.70	cps
Terbium	159-1	6848224	6846157	6775527	6823303	0.61	cps
Terbium	159-2	3357238	3409803	3342924	3369988	1.04	cps
Thallium	203-1	1155784	1185005	1157309	1166033	1.41	cps
Thallium	205-1	2723490	2810983	2801893	2778789	1.73	cps
Tin	118-1	1067275	1074418	1086433	1076042	0.90	cps
Titanium	47-1	988119	1007225	1005129	1000157	1.05	cps
Uranium	238-1	3272545	3347205	3375934	3331895	1.60	cps
Vanadium	51-2	392194	386999	388481	389225	0.69	cps
Yttrium	89-1	9845570	9814717	9991043	9883777	0.95	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01MS	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUIDM	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 13:57:09	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1202305	1190326	1171876	1188169	1.29	cps
Zinc	66-2	2966083	2982299	2959735	2969372	0.39	cps
Zirconium	90-1	2725014	2723156	2715268	2721146	0.19	cps
Zirconium	91-1	602907	616355	605436	608233	1.18	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01MSD Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUIDM Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:00:00 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299141	295017	298371	297509	0.74	cps
Antimony	121-1	1515994	1499718	1519922	1511878	0.71	cps
Arsenic	75-2	62550	62848	62216	62538	0.51	cps
Barium	135-1	1542928	1582686	1628214	1584609	2.69	cps
Barium	137-1	2735061	2806218	2801120	2780800	1.43	cps
Beryllium	9-1	279596	287079	287887	284854	1.60	cps
Bismuth	209-1	3661311	3652252	3645651	3653071	0.22	cps
Bismuth	209-2	2318995	2327857	2309149	2318667	0.40	cps
Boron	11-1	843387	869711	936613	883237	5.44	cps
Boron	10-1	175851	196108	210498	194152	8.97	cps
Bromine	81-1	16507	17268	18461	17412	5.66	cps
Cadmium	106-1	43578	44330	45476	44461	2.15	cps
Cadmium	108-1	29193	29891	30116	29733	1.62	cps
Cadmium	111-1	376992	389727	390003	385574	1.93	cps
Calcium	43-1	803303	818278	822530	814704	1.24	cps
Calcium	44-1	13244566	13517760	13289097	13350474	1.10	cps
Chromium	52-2	442961	437949	442477	441129	0.63	cps
Cobalt	59-2	789150	785571	778769	784497	0.67	cps
Copper	63-2	1644603	1672042	1648563	1655069	0.90	cps
Dysprosium	156-1	1750	2192	2142	2028	11.93	cps
Dysprosium	156-2	890	947	757	864	11.28	cps
Erbium	164-1	1700	1575	1492	1589	6.60	cps
Erbium	164-2	810	790	853	818	3.96	cps
Gadolinium	160-1	1625	1767	1925	1772	8.47	cps
Gadolinium	160-2	1057	947	1100	1034	7.64	cps
Holmium	165-1	6148181	6168610	6080222	6132338	0.75	cps
Holmium	165-2	3360918	3415417	3329738	3368691	1.29	cps
Indium	115-1	5561109	5698550	5483292	5580984	1.95	cps
Indium	115-2	986541	993022	975000	984854	0.93	cps
Iron	54-2	2040500	2007330	2007933	2018588	0.94	cps
Iron	56-2	36517880	36263561	36910701	36564047	0.89	cps
Iron	57-2	908360	907663	915805	910609	0.50	cps
Krypton	83-1	410	413	420	414	1.23	cps
Lead	207-1	2614385	2623353	2629421	2622386	0.29	cps
Lead	208-1	11833928	11963758	11900925	11899537	0.55	cps
Lead	206-1	2990046	3025678	3010699	3008808	0.59	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01MSD	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUIDM	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:00:00	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1352369	1352725	1344922	1350005	0.33	cps
Magnesium	24-2	2521020	2489699	2513105	2507941	0.65	cps
Manganese	55-2	453593	444250	452101	449982	1.12	cps
Molybdenum	94-1	2788270	2827740	2834929	2816980	0.89	cps
Molybdenum	95-1	3297242	3384530	3372862	3351545	1.41	cps
Molybdenum	96-1	3685044	3787447	3710938	3727810	1.43	cps
Molybdenum	97-1	2083590	2144522	2105001	2111038	1.46	cps
Molybdenum	98-1	5287474	5346100	5419367	5350981	1.23	cps
Neodymium	150-1	2920	3160	3214	3098	5.04	cps
Neodymium	150-2	1100	1157	1127	1128	2.51	cps
Nickel	60-2	222821	225490	221988	223433	0.82	cps
Phosphorus	31-2	608	542	425	525	17.68	cps
Potassium	39-2	1189732	1199864	1208748	1199448	0.79	cps
Rhodium	103-1	5332397	5287066	5272835	5297432	0.59	cps
Rhodium	103-2	2826298	2839315	2733323	2799645	2.06	cps
Scandium	45-1	3598696	3592841	3510758	3567432	1.38	cps
Scandium	45-2	129876	129606	127120	128867	1.18	cps
Selenium	77-2	783	743	663	730	8.37	cps
Selenium	78-2	2750	2542	2671	2654	3.94	cps
Selenium	82-1	23150	24071	23929	23717	2.09	cps
Silicon	28-1	28158932	28605045	28465633	28409870	0.80	cps
Silver	109-1	271767	278935	275614	275438	1.30	cps
Silver	107-1	286968	291899	294107	290991	1.26	cps
Sodium	23-2	7440780	7343486	7493931	7426065	1.03	cps
Strontium	86-1	700793	713039	725009	712947	1.70	cps
Strontium	88-1	5887594	5902693	6040161	5943483	1.41	cps
Sulfur	34-1	620576	631123	625755	625818	0.84	cps
Terbium	159-1	6585444	6435775	6455464	6492228	1.25	cps
Terbium	159-2	3308800	3387920	3281911	3326210	1.66	cps
Thallium	203-1	1072248	1091508	1097031	1086929	1.20	cps
Thallium	205-1	2548058	2634441	2605486	2595995	1.69	cps
Tin	118-1	981594	1014024	1005373	1000330	1.68	cps
Titanium	47-1	914001	914517	920740	916419	0.41	cps
Uranium	238-1	3113744	3156120	3144233	3138032	0.70	cps
Vanadium	51-2	365355	362470	362508	363444	0.46	cps
Yttrium	89-1	9436804	9385642	9411844	9411430	0.27	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01MSD	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUIDM	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:00:00	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1171293	1169891	1155085	1165423	0.77	cps
Zinc	66-2	2835875	2814948	2802964	2817929	0.59	cps
Zirconium	90-1	2468495	2539743	2545453	2517897	1.70	cps
Zirconium	91-1	556232	576976	569679	567629	1.85	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01A Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUID/ Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:05:42 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	308197	305902	302252	305450	0.98	cps
Antimony	121-1	1534152	1518169	1550871	1534397	1.07	cps
Arsenic	75-2	63675	63421	63605	63567	0.21	cps
Barium	135-1	1621757	1639334	1638607	1633233	0.61	cps
Barium	137-1	2776783	2831541	2874690	2827671	1.74	cps
Beryllium	9-1	289726	293547	293771	292348	0.78	cps
Bismuth	209-1	3818953	3776209	3789959	3795041	0.57	cps
Bismuth	209-2	2381231	2336787	2361042	2359687	0.94	cps
Boron	11-1	766828	884839	888903	846856	8.19	cps
Boron	10-1	160989	181108	200261	180786	10.86	cps
Bromine	81-1	14573	15545	16366	15495	5.80	cps
Cadmium	106-1	45977	44522	44765	45088	1.73	cps
Cadmium	108-1	29227	29611	30158	29665	1.58	cps
Cadmium	111-1	385027	390692	394342	390020	1.20	cps
Calcium	43-1	821632	840940	843651	835408	1.44	cps
Calcium	44-1	13227058	13775298	13759778	13587378	2.30	cps
Chromium	52-2	458806	452965	448073	453281	1.19	cps
Cobalt	59-2	812493	797552	792460	800835	1.30	cps
Copper	63-2	1691671	1680638	1712217	1694842	0.95	cps
Dysprosium	156-1	2117	1683	2109	1970	12.58	cps
Dysprosium	156-2	990	913	863	922	6.92	cps
Erbium	164-1	1600	1500	1467	1522	4.56	cps
Erbium	164-2	767	857	810	811	5.55	cps
Gadolinium	160-1	1859	1808	1725	1797	3.75	cps
Gadolinium	160-2	1010	1107	997	1038	5.78	cps
Holmium	165-1	6359842	6238223	6299546	6299204	0.97	cps
Holmium	165-2	3464935	3409832	3428472	3434413	0.82	cps
Indium	115-1	5727187	5627042	5694346	5682858	0.90	cps
Indium	115-2	990714	1002583	999369	997555	0.62	cps
Iron	54-2	2044221	2047660	2008844	2033575	1.06	cps
Iron	56-2	37378622	36865572	36833062	37025752	0.83	cps
Iron	57-2	924504	924025	917508	922012	0.42	cps
Krypton	83-1	430	453	420	434	3.94	cps
Lead	207-1	2609009	2654624	2712513	2658715	1.95	cps
Lead	208-1	11939112	12048510	12305658	12097760	1.56	cps
Lead	206-1	3038048	3068214	3123516	3076593	1.41	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : L4324-01A Instrumnet Name : P8
 Client Sample ID : UST-CONTENT-LIQUID/ Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:05:42 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1390357	1378835	1386618	1385270	0.42	cps
Magnesium	24-2	2599993	2588461	2562011	2583488	0.75	cps
Manganese	55-2	468934	465620	460750	465101	0.89	cps
Molybdenum	94-1	2836370	2894449	2955716	2895512	2.06	cps
Molybdenum	95-1	3426154	3424777	3515345	3455425	1.50	cps
Molybdenum	96-1	3772359	3772312	3864651	3803107	1.40	cps
Molybdenum	97-1	2102724	2154453	2173570	2143582	1.71	cps
Molybdenum	98-1	5457355	5491428	5561171	5503318	0.96	cps
Neodymium	150-1	2867	3067	2974	2969	3.37	cps
Neodymium	150-2	1153	1367	1120	1213	11.03	cps
Nickel	60-2	228341	226297	224458	226365	0.86	cps
Phosphorus	31-2	442	383	525	450	15.82	cps
Potassium	39-2	1261415	1248020	1237559	1248998	0.96	cps
Rhodium	103-1	5558293	5312823	5416462	5429193	2.27	cps
Rhodium	103-2	2819975	2851358	2824973	2832102	0.60	cps
Scandium	45-1	3715035	3664280	3707073	3695463	0.74	cps
Scandium	45-2	131030	131163	130336	130843	0.34	cps
Selenium	77-2	823	877	727	809	9.40	cps
Selenium	78-2	2778	2751	2706	2745	1.33	cps
Selenium	82-1	23661	24258	24680	24200	2.12	cps
Silicon	28-1	29119943	29375943	29786100	29427329	1.14	cps
Silver	109-1	1404710	1401069	1355311	1387030	1.98	cps
Silver	107-1	1586439	1291557	1284593	1387530	12.42	cps
Sodium	23-2	7664233	7532874	7550821	7582642	0.94	cps
Strontium	86-1	706403	724940	729481	720275	1.70	cps
Strontium	88-1	6118303	6142471	6091883	6117552	0.41	cps
Sulfur	34-1	626970	633089	626227	628762	0.60	cps
Terbium	159-1	6676465	6724043	6732311	6710940	0.45	cps
Terbium	159-2	3344961	3321691	3394172	3353608	1.10	cps
Thallium	203-1	1078401	1107359	1117930	1101230	1.86	cps
Thallium	205-1	2654639	2644790	2695553	2664994	1.01	cps
Tin	118-1	1016777	1009579	1043911	1023422	1.77	cps
Titanium	47-1	933971	949418	959317	947569	1.35	cps
Uranium	238-1	3179318	3216702	3309085	3235035	2.06	cps
Vanadium	51-2	375512	372778	367178	371823	1.14	cps
Yttrium	89-1	9944485	9679232	9726953	9783556	1.45	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	L4324-01A	Instrumnet Name :	P8
Client Sample ID :	UST-CONTENT-LIQUID/	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:05:42	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1186646	1179778	1185221	1183882	0.31	cps
Zinc	66-2	2920724	2851116	2873084	2881641	1.23	cps
Zirconium	90-1	2598536	2580248	2630269	2603018	0.97	cps
Zirconium	91-1	568077	578056	590268	578800	1.92	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : CCV19 Instrumnet Name : P8
 Client Sample ID : CCV19 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:09:16 DataFile Name : 028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	764678	767156	766311	766049	0.16	cps
Antimony	121-1	1478650	1501291	1504849	1494930	0.95	cps
Arsenic	75-2	57050	56166	57238	56818	1.01	cps
Barium	135-1	1520936	1552231	1568421	1547196	1.56	cps
Barium	137-1	2643408	2663853	2702652	2669971	1.13	cps
Beryllium	9-1	255664	263947	263687	261099	1.80	cps
Bismuth	209-1	3570489	3548153	3624127	3580923	1.09	cps
Bismuth	209-2	2308415	2282786	2276093	2289098	0.75	cps
Boron	11-1	185174	193221	197221	191872	3.20	cps
Boron	10-1	39433	40537	42061	40677	3.24	cps
Bromine	81-1	4866	4305	4335	4502	7.01	cps
Cadmium	106-1	35388	36465	37276	36376	2.60	cps
Cadmium	108-1	23712	24488	24188	24130	1.62	cps
Cadmium	111-1	304405	313415	314469	310763	1.78	cps
Calcium	43-1	1722962	1787815	1828273	1779683	2.99	cps
Calcium	44-1	27724122	28689554	28734099	28382592	2.01	cps
Chromium	52-2	397381	399099	403652	400044	0.81	cps
Cobalt	59-2	720277	707557	716206	714680	0.91	cps
Copper	63-2	5164122	5143327	5222247	5176565	0.79	cps
Dysprosium	156-1	108	100	83	97	13.09	cps
Dysprosium	156-2	60	33	57	50	29.06	cps
Erbium	164-1	58	33	8	33	75.01	cps
Erbium	164-2	40	23	17	27	45.07	cps
Gadolinium	160-1	133	167	158	153	11.35	cps
Gadolinium	160-2	43	100	97	80	39.75	cps
Holmium	165-1	6116379	6081528	6109046	6102318	0.30	cps
Holmium	165-2	3398840	3367322	3358037	3374733	0.63	cps
Indium	115-1	5413017	5544047	5559322	5505462	1.46	cps
Indium	115-2	977953	983453	973227	978211	0.52	cps
Iron	54-2	4008072	3977577	4083010	4022886	1.35	cps
Iron	56-2	74877796	73138979	72817474	73611416	1.51	cps
Iron	57-2	1877097	1843966	1887157	1869407	1.21	cps
Krypton	83-1	477	410	413	433	8.67	cps
Lead	207-1	3771091	3829492	3849384	3816656	1.07	cps
Lead	208-1	16955752	17037113	17188841	17060569	0.69	cps
Lead	206-1	4200567	4282196	4311928	4264897	1.35	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:09:16	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1347950	1371266	1366430	1361882	0.90	cps
Magnesium	24-2	11543023	11407142	11576013	11508726	0.78	cps
Manganese	55-2	1993147	1957443	1964205	1971598	0.96	cps
Molybdenum	94-1	2704087	2765339	2823065	2764164	2.15	cps
Molybdenum	95-1	3337304	3431075	3419454	3395944	1.51	cps
Molybdenum	96-1	3700890	3735009	3762217	3732705	0.82	cps
Molybdenum	97-1	2079733	2109045	2164631	2117803	2.04	cps
Molybdenum	98-1	5299876	5409486	5458466	5389276	1.51	cps
Neodymium	150-1	67	47	47	53	21.65	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	192211	193744	192680	192878	0.41	cps
Phosphorus	31-2	11321	11205	11430	11319	0.99	cps
Potassium	39-2	4886305	4823298	4840271	4849958	0.67	cps
Rhodium	103-1	5054458	5146241	5239690	5146796	1.80	cps
Rhodium	103-2	2814138	2790219	2741441	2781932	1.33	cps
Scandium	45-1	3408141	3593197	3559680	3520339	2.80	cps
Scandium	45-2	129493	128905	129872	129423	0.38	cps
Selenium	77-2	843	667	813	774	12.21	cps
Selenium	78-2	2656	2537	2589	2594	2.28	cps
Selenium	82-1	22061	22458	22368	22296	0.93	cps
Silicon	28-1	1502134	1646125	1694675	1614311	6.20	cps
Silver	109-1	1518401	1532983	1536517	1529300	0.63	cps
Silver	107-1	1630995	1647899	1638337	1639077	0.52	cps
Sodium	23-2	22379816	22223491	22119157	22240821	0.59	cps
Strontium	86-1	424314	439539	430333	431395	1.78	cps
Strontium	88-1	3649865	3733611	3726211	3703229	1.25	cps
Sulfur	34-1	500771	510915	513376	508354	1.31	cps
Terbium	159-1	6378440	6602454	6576756	6519216	1.88	cps
Terbium	159-2	3315649	3300703	3269249	3295200	0.72	cps
Thallium	203-1	972082	981906	977124	977037	0.50	cps
Thallium	205-1	2322836	2353437	2355723	2343999	0.78	cps
Tin	118-1	1040505	1055512	1059253	1051757	0.94	cps
Titanium	47-1	909776	929640	939573	926330	1.64	cps
Uranium	238-1	2835196	2911329	2936916	2894480	1.83	cps
Vanadium	51-2	329178	329904	331027	330036	0.28	cps
Yttrium	89-1	9427326	9429015	9508003	9454781	0.49	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:09:16	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1166064	1174113	1166137	1168772	0.40	cps
Zinc	66-2	748765	745310	748914	747663	0.27	cps
Zirconium	90-1	2291737	2288843	2312476	2297685	0.56	cps
Zirconium	91-1	512136	511440	527381	516986	1.74	cps

LB Number : LB111439 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2020-10-12 14:18:06 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	320	306	287	305	5.36	cps
Antimony	121-1	75	100	83	86	14.78	cps
Arsenic	75-2	13	6	8	9	40.06	cps
Barium	135-1	0	0	17	6	173.21	cps
Barium	137-1	8	17	33	19	65.47	cps
Beryllium	9-1	76	98	76	83	15.24	cps
Bismuth	209-1	3646143	3640639	3568201	3618327	1.20	cps
Bismuth	209-2	2306159	2229029	2245904	2260364	1.79	cps
Boron	11-1	31000	30149	29924	30358	1.87	cps
Boron	10-1	6238	6206	6206	6217	0.30	cps
Bromine	81-1	2753	2713	2723	2730	0.76	cps
Cadmium	106-1	2509	2384	2217	2370	6.18	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Cadmium	111-1	250	231	213	231	8.20	cps
Calcium	43-1	304	300	291	298	2.15	cps
Calcium	44-1	19751	19855	19943	19849	0.48	cps
Chromium	52-2	1000	1003	1083	1029	4.59	cps
Cobalt	59-2	40	37	40	39	4.94	cps
Copper	63-2	837	900	890	876	3.89	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	23	13	0	12	95.78	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	75	42	42	53	36.46	cps
Gadolinium	160-2	20	20	20	20	0.00	cps
Holmium	165-1	6102724	6072089	5983283	6052698	1.02	cps
Holmium	165-2	3311240	3215655	3174514	3233803	2.17	cps
Indium	115-1	5570080	5553058	5554752	5559297	0.17	cps
Indium	115-2	963869	948992	956682	956514	0.78	cps
Iron	54-2	333	389	367	363	7.70	cps
Iron	56-2	2411	2467	2584	2487	3.54	cps
Iron	57-2	117	117	89	107	14.93	cps
Krypton	83-1	470	460	400	443	8.54	cps
Lead	207-1	839	783	839	820	3.91	cps
Lead	208-1	3723	3756	3828	3769	1.43	cps
Lead	206-1	1078	872	861	937	13.02	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:18:06	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lithium	6-1	1336408	1323865	1326248	1328840	0.50	cps
Magnesium	24-2	400	333	383	372	9.32	cps
Manganese	55-2	57	47	67	57	17.65	cps
Molybdenum	94-1	183	217	100	167	36.06	cps
Molybdenum	95-1	133	167	83	128	32.82	cps
Molybdenum	96-1	208	225	192	208	8.00	cps
Molybdenum	97-1	92	67	67	75	19.24	cps
Molybdenum	98-1	142	158	100	133	22.54	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	133	107	123	11.78	cps
Phosphorus	31-2	125	100	175	133	28.64	cps
Potassium	39-2	20281	20815	20431	20509	1.34	cps
Rhodium	103-1	5303622	5235831	5250408	5263287	0.68	cps
Rhodium	103-2	2738590	2739814	2728006	2735470	0.24	cps
Scandium	45-1	3480183	3437760	3479102	3465681	0.70	cps
Scandium	45-2	122464	122336	124616	123139	1.04	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	31	36	41	36	13.89	cps
Selenium	82-1	-105	-50	-12	-56	-83.26	cps
Silicon	28-1	681543	689711	680835	684030	0.72	cps
Silver	109-1	108	83	117	103	16.88	cps
Silver	107-1	92	142	83	106	29.89	cps
Sodium	23-2	20999	21424	20866	21096	1.38	cps
Strontium	86-1	658	717	658	678	4.97	cps
Strontium	88-1	125	83	83	97	24.74	cps
Sulfur	34-1	402329	403826	403914	403356	0.22	cps
Terbium	159-1	6414035	6365179	6288890	6356035	0.99	cps
Terbium	159-2	3200069	3157497	3175938	3177835	0.67	cps
Thallium	203-1	258	217	208	228	11.76	cps
Thallium	205-1	608	533	483	542	11.62	cps
Tin	118-1	333	325	208	289	24.19	cps
Titanium	47-1	425	442	375	414	8.38	cps
Uranium	238-1	25	8	17	17	50.01	cps
Vanadium	51-2	13	10	3	9	57.30	cps
Yttrium	89-1	9376419	9161659	9120707	9219595	1.49	cps

LB Number :	LB111439	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2020-10-12 14:18:06	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Yttrium	89-2	1120896	1105556	1130771	1119074	1.14	cps
Zinc	66-2	150	147	193	163	15.94	cps
Zirconium	90-1	450	342	217	336	34.74	cps
Zirconium	91-1	92	50	117	86	39.11	cps