

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 12:04:53 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.64	-0.31	0.95	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.05	-0.02	0.07	0.00	N/A	ppb
Barium	135-1	0.04	-0.02	-0.01	0.00	N/A	ppb
Barium	137-1	0.02	0.00	-0.02	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.09	0.19	-0.10	0.00	N/A	ppb
Boron	11-1	0.02	0.05	-0.07	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.07	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.35	0.86	-0.51	0.00	N/A	ppb
Cadmium	108-1	0.12	-0.12	0.00	0.00	N/A	ppb
Calcium	43-1	-0.46	0.36	0.10	0.00	N/A	ppb
Calcium	44-1	2.70	2.28	-4.98	0.00	N/A	ppb
Chromium	52-2	0.06	0.04	-0.09	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.02	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.06	-0.08	0.02	0.00	N/A	ppb
Iron	57-2	1.97	-0.48	-1.49	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	208-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.17	-0.22	1.38	0.00	N/A	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:04:53	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.01	-0.03	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.02	-0.03	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.04	0.02	0.00	N/A	ppb
Phosphorus	31-2	-24.78	-35.99	-24.73	-28.50		ppb
Potassium	39-2	-0.66	-0.81	1.47	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	4.60	-2.30	-2.30	0.00	N/A	ppb
Selenium	78-2	-0.01	-0.56	0.56	0.00	N/A	ppb
Selenium	82-1	-0.60	0.72	-0.12	0.00	N/A	ppb
Silicon	28-1	0.02	2.54	-2.56	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	0.01	0.00	N/A	ppb
Sodium	23-2	-5.62	4.08	1.54	0.00	N/A	ppb
Strontium	86-1	-0.07	-0.01	0.08	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-309.67	93.40	-587.12	-267.80		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	-0.02	0.02	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.01	-0.02	0.00	N/A	ppb
Titanium	47-1	-0.03	0.00	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.01	0.00	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.04	0.00	0.04	0.00	N/A	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:04:53	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	0.01	-0.01	0.00	N/A	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:12:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.28	22.09	17.89	17.42	28.26	ppb
Antimony	121-1	1.92	1.82	1.80	1.84	3.54	ppb
Arsenic	75-2	0.95	1.01	0.85	0.93	8.63	ppb
Barium	135-1	10.25	9.02	9.56	9.61	6.41	ppb
Barium	137-1	9.34	9.66	9.78	9.60	2.36	ppb
Beryllium	9-1	0.99	1.04	0.95	0.99	4.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	24.15	22.79	23.40	23.45	2.91	ppb
Boron	11-1	22.45	23.44	24.28	23.39	3.92	ppb
Cadmium	111-1	1.06	0.98	0.97	1.00	4.93	ppb
Cadmium	106-1	1.76	1.46	0.51	1.25	52.25	ppb
Cadmium	108-1	1.21	0.90	0.91	1.01	17.40	ppb
Calcium	43-1	435.66	436.29	435.67	435.87	0.08	ppb
Calcium	44-1	445.57	432.72	447.74	442.01	1.84	ppb
Chromium	52-2	1.68	1.79	1.95	1.81	7.48	ppb
Cobalt	59-2	0.92	0.88	0.94	0.91	3.80	ppb
Copper	63-2	1.78	1.92	1.92	1.87	4.28	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				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	49.26	51.05	50.08	50.13	1.79	ppb
Iron	57-2	47.89	47.83	61.87	52.53	15.40	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.90	0.94	0.91	2.64	ppb
Lead	207-1	0.91	0.89	0.86	0.88	2.96	ppb
Lead	208-1	0.88	0.93	0.89	0.90	2.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	465.30	492.46	488.74	482.16	3.05	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:12:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.79	0.99	0.92	0.90	11.25	ppb
Molybdenum	94-1	4.44	4.71	4.80	4.65	4.02	ppb
Molybdenum	95-1	4.73	5.09	4.89	4.90	3.65	ppb
Molybdenum	96-1	4.62	4.71	4.57	4.63	1.48	ppb
Molybdenum	97-1	5.09	4.57	4.72	4.80	5.57	ppb
Molybdenum	98-1	4.69	4.78	4.68	4.71	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.88	1.04	1.05	0.99	9.40	ppb
Phosphorus	31-2	42.46	44.75	-1.71	28.50	91.88	ppb
Potassium	39-2	439.20	473.11	460.43	457.58	3.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	4.55	-2.30	8.03	3.43	153.37	ppb
Selenium	78-2	7.12	5.09	4.41	5.54	25.47	ppb
Selenium	82-1	4.90	3.99	4.98	4.62	11.90	ppb
Silicon	28-1	10.77	10.06	9.71	10.18	5.32	ppb
Silver	109-1	0.91	0.99	0.90	0.93	5.17	ppb
Silver	107-1	1.06	0.99	0.84	0.96	11.54	ppb
Sodium	23-2	462.30	476.47	461.43	466.74	1.81	ppb
Strontium	86-1	0.75	0.86	0.84	0.81	7.24	ppb
Strontium	88-1	0.92	0.95	0.89	0.92	3.51	ppb
Sulfur	34-1	541.26	-15.34	277.47	267.80	103.97	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.79	0.90	0.89	0.86	6.77	ppb
Thallium	205-1	0.90	0.95	0.88	0.91	3.76	ppb
Tin	118-1	4.98	4.65	4.89	4.84	3.49	ppb
Titanium	47-1	4.98	4.80	4.73	4.84	2.64	ppb
Uranium	238-1	0.85	0.83	0.88	0.85	2.64	ppb
Vanadium	51-2	4.98	5.08	5.12	5.06	1.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2.29	2.01	2.12	2.14	6.54	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:12:14	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.92	0.92	0.89	0.91	1.98	ppb
Zirconium	91-1	0.91	0.91	0.87	0.90	2.45	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:16:05	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	958.84	935.47	951.81	948.71	1.26	ppb
Antimony	121-1	51.12	51.30	49.72	50.71	1.70	ppb
Arsenic	75-2	49.10	48.61	50.10	49.27	1.54	ppb
Barium	135-1	256.29	255.47	250.99	254.25	1.12	ppb
Barium	137-1	257.33	257.96	255.13	256.81	0.58	ppb
Beryllium	9-1	51.42	51.43	51.08	51.31	0.38	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	46.63	47.39	51.77	48.60	5.70	ppb
Boron	11-1	49.05	48.07	49.44	48.85	1.45	ppb
Cadmium	111-1	51.16	51.04	50.93	51.04	0.23	ppb
Cadmium	106-1	49.18	51.12	44.84	48.38	6.64	ppb
Cadmium	108-1	53.31	48.76	52.60	51.56	4.75	ppb
Calcium	43-1	4806.35	4782.38	4675.68	4754.80	1.46	ppb
Calcium	44-1	4936.05	4919.51	4819.30	4891.62	1.29	ppb
Chromium	52-2	51.07	49.31	50.47	50.28	1.78	ppb
Cobalt	59-2	50.20	49.95	50.54	50.23	0.59	ppb
Copper	63-2	100.95	98.45	101.88	100.43	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	2559.38	2509.09	2558.50	2542.32	1.13	ppb
Iron	57-2	2489.69	2382.10	2458.86	2443.55	2.27	ppb
Krypton	83-1						cps
Lead	206-1	49.94	49.65	48.58	49.39	1.46	ppb
Lead	207-1	49.33	47.64	48.26	48.41	1.77	ppb
Lead	208-1	48.91	48.57	48.50	48.66	0.45	ppb
Lithium	6-1				106		%
Magnesium	24-2	5234.74	5194.52	5282.29	5237.18	0.84	ppb

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 12:16:05 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	100.39	98.89	100.64	99.97	0.94	ppb
Molybdenum	94-1	255.77	251.29	252.51	253.19	0.91	ppb
Molybdenum	95-1	246.92	246.44	247.00	246.79	0.12	ppb
Molybdenum	96-1	250.53	248.80	249.06	249.46	0.37	ppb
Molybdenum	97-1	249.83	252.54	250.84	251.07	0.55	ppb
Molybdenum	98-1	251.13	245.77	246.83	247.91	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.65	50.09	51.98	51.24	1.97	ppb
Phosphorus	31-2	1083.29	914.52	1077.45	1025.08	9.35	ppb
Potassium	39-2	2386.66	2343.61	2369.18	2366.48	0.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	58.61	35.12	52.17	48.63	24.97	ppb
Selenium	78-2	50.97	47.41	53.47	50.62	6.01	ppb
Selenium	82-1	52.95	51.69	49.90	51.51	2.97	ppb
Silicon	28-1	70.20	68.78	64.38	67.79	4.47	ppb
Silver	109-1	52.11	52.27	52.44	52.27	0.32	ppb
Silver	107-1	52.65	52.52	51.00	52.05	1.76	ppb
Sodium	23-2	4943.80	4801.89	4941.28	4895.66	1.66	ppb
Strontium	86-1	50.30	51.26	49.20	50.25	2.05	ppb
Strontium	88-1	50.38	50.27	50.04	50.23	0.34	ppb
Sulfur	34-1	1727.70	1245.66	808.73	1260.70	36.46	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	49.65	49.51	48.07	49.08	1.78	ppb
Thallium	205-1	50.60	49.91	48.75	49.75	1.88	ppb
Tin	118-1	50.47	50.38	50.07	50.31	0.42	ppb
Titanium	47-1	249.20	249.95	243.91	247.69	1.33	ppb
Uranium	238-1	48.65	48.62	47.95	48.41	0.81	ppb
Vanadium	51-2	50.95	49.40	49.85	50.07	1.59	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	97.61	99.41	99.67	98.90	1.14	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:16:05	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.14	49.65	49.66	49.82	0.56	ppb
Zirconium	91-1	49.09	50.44	49.49	49.67	1.39	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:19:53	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2476.24	2487.22	2456.63	2473.36	0.63	ppb
Antimony	121-1	122.83	125.35	124.68	124.29	1.05	ppb
Arsenic	75-2	124.37	122.85	126.17	124.46	1.33	ppb
Barium	135-1	607.10	622.10	624.12	617.77	1.51	ppb
Barium	137-1	615.49	629.33	634.70	626.51	1.58	ppb
Beryllium	9-1	127.51	125.26	126.04	126.27	0.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	124.96	122.16	124.48	123.87	1.21	ppb
Boron	11-1	124.05	124.18	124.86	124.36	0.35	ppb
Cadmium	111-1	124.08	125.45	125.89	125.14	0.75	ppb
Cadmium	106-1	122.76	124.38	127.86	125.00	2.09	ppb
Cadmium	108-1	124.14	124.01	128.66	125.60	2.11	ppb
Calcium	43-1	11640.08	11921.15	11968.22	11843.15	1.50	ppb
Calcium	44-1	11991.07	11928.18	12283.07	12067.44	1.57	ppb
Chromium	52-2	129.41	133.21	128.75	130.46	1.85	ppb
Cobalt	59-2	129.19	130.61	127.82	129.21	1.08	ppb
Copper	63-2	260.76	264.36	259.02	261.38	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	6357.29	6493.10	6414.90	6421.76	1.06	ppb
Iron	57-2	6286.17	6379.71	6394.71	6353.53	0.93	ppb
Krypton	83-1						cps
Lead	206-1	124.38	124.68	125.84	124.96	0.62	ppb
Lead	207-1	120.93	122.95	122.24	122.04	0.84	ppb
Lead	208-1	122.39	123.00	122.66	122.68	0.25	ppb
Lithium	6-1				112		%
Magnesium	24-2	13266.61	13479.64	13278.43	13341.56	0.90	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:19:53	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.47	259.08	262.72	260.42	0.77	ppb
Molybdenum	94-1	623.81	626.32	646.12	632.08	1.93	ppb
Molybdenum	95-1	601.73	613.10	620.26	611.70	1.53	ppb
Molybdenum	96-1	630.62	624.03	640.41	631.69	1.30	ppb
Molybdenum	97-1	613.09	620.60	635.68	623.12	1.85	ppb
Molybdenum	98-1	626.70	630.82	637.46	631.66	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.49	134.56	131.68	132.58	1.30	ppb
Phosphorus	31-2	2250.56	2860.32	2219.56	2443.48	14.79	ppb
Potassium	39-2	6057.50	6036.54	6051.61	6048.55	0.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	160.84	139.43	131.30	143.85	10.61	ppb
Selenium	78-2	130.73	125.21	144.95	133.63	7.62	ppb
Selenium	82-1	128.56	129.65	129.50	129.24	0.46	ppb
Silicon	28-1	162.36	168.08	166.33	165.59	1.77	ppb
Silver	109-1	123.85	126.01	127.25	125.70	1.37	ppb
Silver	107-1	124.80	127.09	127.86	126.58	1.26	ppb
Sodium	23-2	12769.83	12730.46	12718.35	12739.55	0.21	ppb
Strontium	86-1	123.06	124.75	124.77	124.19	0.79	ppb
Strontium	88-1	125.33	125.80	129.80	126.98	1.93	ppb
Sulfur	34-1	2604.25	2940.62	2993.86	2846.24	7.42	ppb
Terbium	159-1				108		%
Terbium	159-2				106		%
Thallium	203-1	123.84	123.34	124.21	123.80	0.35	ppb
Thallium	205-1	126.63	124.11	126.02	125.59	1.05	ppb
Tin	118-1	122.36	124.75	124.60	123.90	1.08	ppb
Titanium	47-1	615.75	621.08	629.46	622.10	1.11	ppb
Uranium	238-1	121.73	122.73	121.57	122.01	0.51	ppb
Vanadium	51-2	127.21	127.72	126.42	127.11	0.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	253.71	262.54	254.66	256.97	1.89	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:19:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	122.96	124.72	127.39	125.02	1.78	ppb
Zirconium	91-1	123.34	124.83	127.55	125.24	1.70	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:23:40	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4895.41	4960.46	4876.90	4910.93	0.89	ppb
Antimony	121-1	249.94	257.61	256.01	254.52	1.59	ppb
Arsenic	75-2	255.06	258.39	254.83	256.09	0.78	ppb
Barium	135-1	1251.64	1273.25	1272.96	1265.95	0.98	ppb
Barium	137-1	1267.28	1308.63	1299.01	1291.64	1.68	ppb
Beryllium	9-1	255.46	256.92	257.51	256.63	0.41	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	250.87	252.44	257.78	253.70	1.43	ppb
Boron	11-1	245.54	251.60	253.30	250.15	1.63	ppb
Cadmium	111-1	250.21	258.61	253.63	254.15	1.66	ppb
Cadmium	106-1	241.69	259.07	245.82	248.86	3.65	ppb
Cadmium	108-1	256.53	259.17	254.64	256.78	0.89	ppb
Calcium	43-1	23485.84	23935.67	24112.10	23844.54	1.35	ppb
Calcium	44-1	23642.99	24335.66	24255.67	24078.11	1.57	ppb
Chromium	52-2	259.95	265.66	257.15	260.92	1.66	ppb
Cobalt	59-2	258.88	263.13	255.20	259.07	1.53	ppb
Copper	63-2	522.07	533.66	515.55	523.76	1.75	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				107		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	12896.86	12975.89	12661.00	12844.59	1.28	ppb
Iron	57-2	12927.44	13147.09	12651.15	12908.56	1.93	ppb
Krypton	83-1						cps
Lead	206-1	249.12	251.66	257.80	252.86	1.76	ppb
Lead	207-1	245.38	245.61	251.86	247.62	1.48	ppb
Lead	208-1	248.23	247.72	254.01	249.98	1.40	ppb
Lithium	6-1				109		%
Magnesium	24-2	26818.66	27086.04	26405.42	26770.04	1.28	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:23:40	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	522.76	530.22	518.24	523.74	1.16	ppb
Molybdenum	94-1	1264.91	1280.03	1300.09	1281.68	1.38	ppb
Molybdenum	95-1	1275.16	1299.51	1286.01	1286.89	0.95	ppb
Molybdenum	96-1	1271.95	1284.43	1296.45	1284.28	0.95	ppb
Molybdenum	97-1	1269.79	1286.82	1300.93	1285.85	1.21	ppb
Molybdenum	98-1	1238.28	1280.32	1275.62	1264.74	1.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	263.39	271.07	261.00	265.15	1.98	ppb
Phosphorus	31-2	4869.01	5225.63	5241.37	5112.00	4.12	ppb
Potassium	39-2	12222.05	12467.78	12154.93	12281.59	1.34	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	286.47	233.49	268.27	262.74	10.25	ppb
Selenium	78-2	264.64	231.21	284.35	260.07	10.33	ppb
Selenium	82-1	250.15	252.02	258.07	253.42	1.63	ppb
Silicon	28-1	256.51	273.84	262.96	264.44	3.31	ppb
Silver	109-1	247.49	256.39	256.88	253.59	2.08	ppb
Silver	107-1	253.02	258.05	260.17	257.08	1.43	ppb
Sodium	23-2	25393.00	26192.46	25337.95	25641.13	1.87	ppb
Strontium	86-1	247.68	254.03	253.18	251.63	1.37	ppb
Strontium	88-1	251.20	258.71	258.39	256.10	1.66	ppb
Sulfur	34-1	4195.67	5075.73	4632.35	4634.58	9.49	ppb
Terbium	159-1				109		%
Terbium	159-2				107		%
Thallium	203-1	251.16	249.28	257.00	252.48	1.59	ppb
Thallium	205-1	252.97	253.09	260.08	255.38	1.59	ppb
Tin	118-1	246.58	254.63	253.42	251.54	1.73	ppb
Titanium	47-1	1238.53	1260.81	1270.39	1256.57	1.30	ppb
Uranium	238-1	255.65	256.63	259.85	257.38	0.85	ppb
Vanadium	51-2	258.05	264.53	255.75	259.44	1.75	ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%
Zinc	66-2	512.36	530.49	506.70	516.52	2.41	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:23:40	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	250.38	260.19	258.26	256.28	2.03	ppb
Zirconium	91-1	247.11	249.52	255.28	250.64	1.68	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:27:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9396.15	9534.12	9834.15	9588.14	2.34	ppb
Antimony	121-1	529.75	507.33	505.96	514.35	2.60	ppb
Arsenic	75-2	498.34	494.84	521.99	505.06	2.92	ppb
Barium	135-1	2673.24	2526.20	2534.68	2578.04	3.20	ppb
Barium	137-1	2642.24	2532.09	2520.49	2564.94	2.62	ppb
Beryllium	9-1	508.12	501.68	502.77	504.19	0.68	ppb
Bismuth	209-1				110		%
Bismuth	209-2				108		%
Boron	10-1	510.14	493.90	489.28	497.77	2.20	ppb
Boron	11-1	510.14	497.01	502.66	503.27	1.31	ppb
Cadmium	111-1	516.44	491.27	496.65	501.45	2.64	ppb
Cadmium	106-1	524.15	487.75	491.89	501.26	3.98	ppb
Cadmium	108-1	524.93	498.26	498.37	507.19	3.03	ppb
Calcium	43-1	48840.02	47321.63	47028.09	47729.91	2.04	ppb
Calcium	44-1	49698.08	47277.86	47443.57	48139.83	2.81	ppb
Chromium	52-2	501.37	509.41	524.80	511.86	2.33	ppb
Cobalt	59-2	499.01	503.78	522.21	508.33	2.41	ppb
Copper	63-2	1013.07	1018.32	1058.46	1029.95	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				111		%
Holmium	165-2				109		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	24786.80	24922.53	25878.06	25195.80	2.36	ppb
Iron	57-2	24586.63	24820.49	26084.94	25164.02	3.20	ppb
Krypton	83-1						cps
Lead	206-1	514.19	485.09	496.01	498.43	2.95	ppb
Lead	207-1	504.23	479.70	488.04	490.66	2.54	ppb
Lead	208-1	518.05	489.31	499.89	502.41	2.89	ppb
Lithium	6-1				110		%
Magnesium	24-2	52787.32	52605.03	54963.99	53452.11	2.46	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:27:20	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1005.84	1013.69	1056.45	1025.33	2.66	ppb
Molybdenum	94-1	2670.24	2510.92	2527.68	2569.62	3.41	ppb
Molybdenum	95-1	2642.64	2480.01	2494.99	2539.21	3.54	ppb
Molybdenum	96-1	2629.06	2458.66	2526.90	2538.21	3.38	ppb
Molybdenum	97-1	2653.59	2484.61	2527.56	2555.25	3.44	ppb
Molybdenum	98-1	2611.55	2472.20	2521.08	2534.94	2.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.06	511.73	530.76	516.52	2.43	ppb
Phosphorus	31-2	9819.39	9591.82	10543.76	9984.99	4.98	ppb
Potassium	39-2	23319.68	23531.09	24688.01	23846.26	3.09	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	531.23	435.28	546.22	504.25	11.94	ppb
Selenium	78-2	489.58	503.37	547.83	513.59	5.93	ppb
Selenium	82-1	527.26	502.71	506.80	512.26	2.57	ppb
Silicon	28-1	538.84	505.35	512.33	518.84	3.41	ppb
Silver	109-1	531.36	509.26	507.09	515.90	2.60	ppb
Silver	107-1	527.10	508.21	514.87	516.73	1.85	ppb
Sodium	23-2	48818.88	49240.26	50954.18	49671.11	2.28	ppb
Strontium	86-1	515.58	491.80	496.18	501.18	2.53	ppb
Strontium	88-1	525.73	497.86	503.43	509.01	2.90	ppb
Sulfur	34-1	10702.38	9195.00	9393.73	9763.70	8.39	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	514.67	484.71	500.22	499.87	3.00	ppb
Thallium	205-1	522.34	498.66	514.58	511.86	2.36	ppb
Tin	118-1	528.53	497.44	502.21	509.39	3.29	ppb
Titanium	47-1	2645.72	2564.87	2539.68	2583.42	2.14	ppb
Uranium	238-1	526.41	503.76	505.21	511.79	2.48	ppb
Vanadium	51-2	500.86	505.44	523.20	509.83	2.31	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	993.84	1004.98	1034.24	1011.02	2.06	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:27:20	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	523.94	497.76	504.16	508.62	2.68	ppb
Zirconium	91-1	522.71	490.76	494.20	502.55	3.49	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:30:54	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18560.23	18833.44	18184.31	18525.99	1.76	ppb
Antimony	121-1	989.00	1003.37	982.88	991.75	1.06	ppb
Arsenic	75-2	989.17	1012.75	986.23	996.05	1.46	ppb
Barium	135-1	4960.49	5027.00	4885.57	4957.69	1.43	ppb
Barium	137-1	4993.15	5022.96	4853.67	4956.59	1.82	ppb
Beryllium	9-1	1004.26	1003.32	980.49	996.02	1.35	ppb
Bismuth	209-1				114		%
Bismuth	209-2				109		%
Boron	10-1	995.43	1007.94	997.95	1000.44	0.66	ppb
Boron	11-1	999.32	991.70	1004.50	998.50	0.64	ppb
Cadmium	111-1	1002.61	1012.43	979.45	998.17	1.70	ppb
Cadmium	106-1	983.05	1015.88	1000.28	999.73	1.64	ppb
Cadmium	108-1	998.94	1007.50	977.23	994.56	1.57	ppb
Calcium	43-1	95554.27	96106.13	92668.64	94776.35	1.95	ppb
Calcium	44-1	94632.88	96144.28	93139.79	94638.98	1.59	ppb
Chromium	52-2	993.01	1004.44	974.49	990.64	1.53	ppb
Cobalt	59-2	997.34	1009.20	972.55	993.03	1.88	ppb
Copper	63-2	1987.82	1998.70	1946.41	1977.64	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	56-2	49011.81	49359.44	47767.10	48712.79	1.72	ppb
Iron	57-2	48997.98	49375.72	47765.17	48712.96	1.73	ppb
Krypton	83-1						cps
Lead	206-1	1013.48	1014.37	972.47	1000.10	2.39	ppb
Lead	207-1	1002.85	1020.33	993.96	1005.72	1.33	ppb
Lead	208-1	1002.66	1013.14	981.66	999.15	1.60	ppb
Lithium	6-1				111		%
Magnesium	24-2	101133.83	102648.03	98442.45	100741.44	2.11	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:30:54	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1986.84	2008.25	1945.21	1980.10	1.62	ppb
Molybdenum	94-1	4979.07	5026.39	4863.22	4956.23	1.69	ppb
Molybdenum	95-1	5015.65	5068.63	4834.70	4972.99	2.47	ppb
Molybdenum	96-1	5023.51	5085.10	4805.94	4971.52	2.95	ppb
Molybdenum	97-1	5038.42	5031.10	4821.26	4963.59	2.48	ppb
Molybdenum	98-1	5070.39	5077.38	4786.57	4978.12	3.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.69	1001.38	969.77	986.94	1.62	ppb
Phosphorus	31-2	20778.19	20453.37	18724.39	19985.32	5.52	ppb
Potassium	39-2	46348.59	47135.89	45865.67	46450.05	1.38	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	1052.98	985.61	938.64	992.41	5.79	ppb
Selenium	78-2	986.02	1004.19	978.51	989.57	1.33	ppb
Selenium	82-1	999.44	1008.25	969.55	992.41	2.04	ppb
Silicon	28-1	978.11	988.22	976.69	981.01	0.64	ppb
Silver	109-1	990.88	1004.75	977.22	990.95	1.39	ppb
Silver	107-1	985.74	1008.69	974.26	989.57	1.77	ppb
Sodium	23-2	95577.44	96747.35	93953.54	95426.11	1.47	ppb
Strontium	86-1	1022.25	1001.34	973.68	999.09	2.44	ppb
Strontium	88-1	1010.52	1003.12	967.50	993.71	2.31	ppb
Sulfur	34-1	20502.88	20832.69	19123.99	20153.19	4.50	ppb
Terbium	159-1				115		%
Terbium	159-2				111		%
Thallium	203-1	997.70	1018.84	982.40	999.64	1.83	ppb
Thallium	205-1	991.79	1019.47	966.73	992.66	2.66	ppb
Tin	118-1	1006.15	999.40	979.56	995.04	1.39	ppb
Titanium	47-1	4961.96	5037.89	4871.52	4957.12	1.68	ppb
Uranium	238-1	987.74	1008.33	982.07	992.71	1.39	ppb
Vanadium	51-2	993.25	1006.08	978.03	992.46	1.41	ppb
Yttrium	89-1				109		%
Yttrium	89-2				104		%
Zinc	66-2	1993.86	2029.54	1945.23	1989.54	2.13	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:30:54	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1008.56	1000.22	973.61	994.13	1.84	ppb
Zirconium	91-1	1014.09	1011.55	970.01	998.55	2.48	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:34:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101599.99	98440.83	100984.04	100341.62	1.67	ppb
Antimony	121-1	1.25	1.32	1.30	1.29	2.58	ppb
Arsenic	75-2	1.61	1.33	1.09	1.34	19.46	ppb
Barium	135-1	0.72	0.82	0.56	0.70	18.09	ppb
Barium	137-1	0.66	0.75	0.71	0.70	6.05	ppb
Beryllium	9-1	0.16	0.20	0.16	0.17	11.93	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Boron	10-1	17.06	13.88	12.92	14.62	14.81	ppb
Boron	11-1	15.10	14.26	13.13	14.17	6.98	ppb
Cadmium	111-1	0.04	0.05	-0.03	0.02	218.42	ppb
Cadmium	106-1	-1.14	-1.81	-1.50	-1.48		ppb
Cadmium	108-1	-0.01	-0.06	0.55	0.16	209.49	ppb
Calcium	43-1	499174.85	502415.27	502455.23	501348.45	0.38	ppb
Calcium	44-1	498429.25	502038.28	503481.29	501316.27	0.52	ppb
Chromium	52-2	15.67	14.84	15.40	15.30	2.75	ppb
Cobalt	59-2	12.31	11.99	11.92	12.07	1.75	ppb
Copper	63-2	3.44	3.28	3.26	3.33	3.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	254490.26	244991.98	251165.51	250215.92	1.93	ppb
Iron	57-2	251854.05	244407.84	254393.77	250218.55	2.07	ppb
Krypton	83-1						cps
Lead	206-1	1.27	1.30	1.42	1.33	5.98	ppb
Lead	207-1	1.04	1.26	1.27	1.19	11.18	ppb
Lead	208-1	1.20	1.29	1.28	1.26	4.10	ppb
Lithium	6-1				93		%
Magnesium	24-2	504376.11	488714.19	505093.51	499394.61	1.85	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:34:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.02	11.57	11.12	11.57	3.86	ppb
Molybdenum	94-1	3.18	3.34	3.18	3.23	2.83	ppb
Molybdenum	95-1	3.80	3.45	3.68	3.64	4.78	ppb
Molybdenum	96-1	3.80	3.91	4.04	3.92	3.10	ppb
Molybdenum	97-1	3.71	3.85	3.70	3.75	2.20	ppb
Molybdenum	98-1	3.78	3.76	3.46	3.67	4.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.63	18.96	19.20	19.26	1.76	ppb
Phosphorus	31-2	-2.28	-14.31	-24.92	-13.83		ppb
Potassium	39-2	254770.25	246193.28	251564.69	250842.74	1.73	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	-2.30	1.05	4.58	1.11	309.30	ppb
Selenium	78-2	1.63	0.52	0.54	0.90	70.75	ppb
Selenium	82-1	0.25	0.18	0.76	0.40	80.45	ppb
Silicon	28-1	53.65	54.86	53.10	53.87	1.67	ppb
Silver	109-1	0.10	0.06	0.07	0.07	27.01	ppb
Silver	107-1	0.23	0.09	0.19	0.17	41.24	ppb
Sodium	23-2	506318.29	490921.79	505492.01	500910.70	1.73	ppb
Strontium	86-1	4.45	4.31	4.31	4.35	1.84	ppb
Strontium	88-1	4.65	4.53	4.60	4.59	1.26	ppb
Sulfur	34-1	-2234.94	-2174.83	-2416.24	-2275.34		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.45	0.43	0.39	0.43	7.42	ppb
Thallium	205-1	0.48	0.46	0.43	0.46	5.30	ppb
Tin	118-1	0.96	0.81	0.86	0.87	8.70	ppb
Titanium	47-1	1.07	1.47	1.28	1.27	15.89	ppb
Uranium	238-1	0.05	0.07	0.05	0.05	22.33	ppb
Vanadium	51-2	0.27	0.12	0.24	0.21	38.28	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	19.73	18.38	19.20	19.10	3.58	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:34:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.39	0.41	0.43	0.41	5.20	ppb
Zirconium	91-1	0.50	0.46	0.44	0.47	7.54	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:51:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	517.37	541.68	498.03	519.03	4.21	ppb
Antimony	121-1	198.07	192.51	193.25	194.61	1.55	ppb
Arsenic	75-2	192.46	201.87	203.32	199.22	2.96	ppb
Barium	135-1	100.26	94.16	97.60	97.34	3.14	ppb
Barium	137-1	100.85	98.19	97.41	98.82	1.83	ppb
Beryllium	9-1	105.13	103.66	101.97	103.58	1.53	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	2.01	2.22	3.35	2.53	28.49	ppb
Boron	11-1	2.41	2.56	2.28	2.42	5.98	ppb
Cadmium	111-1	102.23	99.90	100.05	100.72	1.29	ppb
Cadmium	106-1	83.69	86.54	84.93	85.05	1.67	ppb
Cadmium	108-1	91.65	91.71	94.19	92.52	1.56	ppb
Calcium	43-1	1823.51	1795.32	1779.37	1799.40	1.24	ppb
Calcium	44-1	1908.52	1896.97	1858.91	1888.13	1.37	ppb
Chromium	52-2	93.84	100.53	97.55	97.31	3.44	ppb
Cobalt	59-2	95.97	102.44	100.32	99.58	3.31	ppb
Copper	63-2	96.56	101.69	99.64	99.30	2.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	955.01	1001.09	999.01	985.04	2.64	ppb
Iron	57-2	967.43	1006.16	999.13	990.91	2.08	ppb
Krypton	83-1						cps
Lead	206-1	200.61	188.19	189.55	192.78	3.53	ppb
Lead	207-1	188.11	179.53	180.20	182.61	2.61	ppb
Lead	208-1	192.76	183.25	183.85	186.62	2.85	ppb
Lithium	6-1				91		%
Magnesium	24-2	1139.25	1216.72	1174.92	1176.97	3.29	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:51:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.10	102.07	97.69	98.95	2.74	ppb
Molybdenum	94-1	0.03	0.07	0.06	0.06	38.13	ppb
Molybdenum	95-1	0.08	0.08	0.10	0.09	14.15	ppb
Molybdenum	96-1	0.09	0.04	0.13	0.09	53.07	ppb
Molybdenum	97-1	0.11	0.14	0.18	0.15	24.54	ppb
Molybdenum	98-1	0.07	0.08	0.11	0.09	26.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.12	105.01	101.68	101.94	2.89	ppb
Phosphorus	31-2	-14.15	-24.47	-24.67	-21.10		ppb
Potassium	39-2	1913.86	2006.26	1865.74	1928.62	3.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	221.20	206.06	263.31	230.19	12.89	ppb
Selenium	78-2	202.44	204.92	202.22	203.19	0.74	ppb
Selenium	82-1	205.99	202.09	196.15	201.41	2.46	ppb
Silicon	28-1	-20.83	-21.59	-17.97	-20.13		ppb
Silver	109-1	103.72	101.32	100.30	101.78	1.72	ppb
Silver	107-1	102.92	101.81	101.76	102.16	0.64	ppb
Sodium	23-2	1958.74	2079.33	2045.05	2027.71	3.06	ppb
Strontium	86-1	2.59	1.97	2.21	2.25	13.91	ppb
Strontium	88-1	2.33	2.35	2.19	2.29	3.71	ppb
Sulfur	34-1	-1950.54	-2242.56	-2033.18	-2075.43		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	205.24	190.77	194.69	196.90	3.80	ppb
Thallium	205-1	205.30	193.22	200.63	199.72	3.05	ppb
Tin	118-1	-0.01	0.00	0.05	0.02	196.77	ppb
Titanium	47-1	0.10	0.01	0.05	0.05	86.68	ppb
Uranium	238-1	0.03	0.03	0.04	0.03	16.08	ppb
Vanadium	51-2	95.05	99.12	99.01	97.73	2.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	192.45	204.02	200.41	198.96	2.97	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:51:27	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.03	0.02	29.13	ppb
Zirconium	91-1	0.07	0.07	0.08	0.07	8.91	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:17:37	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.63	15.98	12.21	14.27	13.39	ppb
Antimony	121-1	1.82	1.86	1.83	1.84	0.95	ppb
Arsenic	75-2	0.87	1.07	0.81	0.92	14.90	ppb
Barium	135-1	9.18	9.66	9.59	9.48	2.76	ppb
Barium	137-1	9.47	9.05	9.90	9.47	4.51	ppb
Beryllium	9-1	1.10	0.90	0.98	0.99	9.85	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	23.72	24.24	26.25	24.73	5.40	ppb
Boron	11-1	24.94	24.87	25.90	25.23	2.28	ppb
Cadmium	111-1	0.86	0.67	0.85	0.79	13.62	ppb
Cadmium	106-1	-1.11	-2.43	0.05	-1.16		ppb
Cadmium	108-1	1.06	0.79	0.88	0.91	15.05	ppb
Calcium	43-1	444.74	423.77	446.43	438.31	2.88	ppb
Calcium	44-1	479.29	457.75	480.13	472.39	2.69	ppb
Chromium	52-2	1.78	1.83	1.79	1.80	1.47	ppb
Cobalt	59-2	0.91	0.78	0.83	0.84	7.77	ppb
Copper	63-2	1.92	1.87	1.73	1.84	5.41	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				97		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	48.81	48.91	48.12	48.61	0.88	ppb
Iron	57-2	44.47	51.46	47.95	47.96	7.29	ppb
Krypton	83-1						cps
Lead	206-1	0.90	1.01	0.92	0.94	6.13	ppb
Lead	207-1	0.94	0.93	0.80	0.89	8.34	ppb
Lead	208-1	0.91	0.93	0.90	0.92	1.76	ppb
Lithium	6-1				92		%
Magnesium	24-2	486.59	464.73	466.25	472.52	2.58	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:17:37	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.83	0.88	0.98	0.90	8.25	ppb
Molybdenum	94-1	4.84	4.61	4.89	4.78	3.10	ppb
Molybdenum	95-1	4.67	4.68	4.69	4.68	0.18	ppb
Molybdenum	96-1	4.74	4.68	4.88	4.77	2.15	ppb
Molybdenum	97-1	4.93	5.02	4.68	4.88	3.58	ppb
Molybdenum	98-1	4.51	4.69	4.84	4.68	3.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	0.96	0.95	0.99	5.21	ppb
Phosphorus	31-2	87.43	18.91	94.06	66.80	62.28	ppb
Potassium	39-2	469.07	439.24	448.28	452.20	3.38	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	1.12	4.35	1.02	2.16	87.68	ppb
Selenium	78-2	9.86	4.77	5.82	6.82	39.46	ppb
Selenium	82-1	4.13	4.65	6.68	5.15	26.15	ppb
Silicon	28-1	-6.64	-12.44	-6.74	-8.61		ppb
Silver	109-1	1.03	0.93	0.98	0.98	5.11	ppb
Silver	107-1	0.94	1.02	1.03	1.00	4.67	ppb
Sodium	23-2	488.31	482.48	467.36	479.38	2.26	ppb
Strontium	86-1	0.81	0.83	1.00	0.88	11.80	ppb
Strontium	88-1	0.93	0.90	0.93	0.92	1.46	ppb
Sulfur	34-1	62.75	-537.22	241.70	-77.59		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	1.04	0.93	0.80	0.93	13.03	ppb
Thallium	205-1	0.96	0.96	1.00	0.97	2.19	ppb
Tin	118-1	4.58	4.87	4.74	4.73	3.05	ppb
Titanium	47-1	4.67	4.54	4.54	4.58	1.64	ppb
Uranium	238-1	0.92	0.84	0.87	0.87	4.45	ppb
Vanadium	51-2	4.82	4.87	4.50	4.73	4.29	ppb
Yttrium	89-1				98		%
Yttrium	89-2				104		%
Zinc	66-2	2.00	1.79	1.52	1.77	13.57	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:17:37	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.94	0.94	0.95	0.95	0.52	ppb
Zirconium	91-1	0.97	1.01	1.05	1.01	3.99	ppb

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:21:06 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.57	0.73	0.01	12062.63	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	26.90	ppb
Arsenic	75-2	-0.04	-0.04	-0.02	-0.03		ppb
Barium	135-1	0.00	-0.02	0.00	-0.01		ppb
Barium	137-1	-0.03	-0.03	-0.04	-0.03		ppb
Beryllium	9-1	-0.02	0.05	0.02	0.02	230.07	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	0.30	1.24	0.83	0.79	59.29	ppb
Boron	11-1	1.19	1.22	1.09	1.17	6.03	ppb
Cadmium	111-1	-0.16	-0.16	-0.21	-0.18		ppb
Cadmium	106-1	-2.29	-2.60	-2.79	-2.56		ppb
Cadmium	108-1	-0.12	-0.12	0.12	-0.04		ppb
Calcium	43-1	-5.07	-3.50	-4.98	-4.52		ppb
Calcium	44-1	0.97	33.12	6.75	13.61	125.91	ppb
Chromium	52-2	-0.06	-0.03	-0.09	-0.06		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	255.10	ppb
Copper	63-2	-0.03	-0.01	-0.02	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	0.09	0.53	-0.04	0.20	151.64	ppb
Iron	57-2	1.30	1.78	-0.11	0.99	99.65	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	0.02	0.00	0.00		ppb
Lead	207-1	-0.01	-0.03	-0.04	-0.02		ppb
Lead	208-1	-0.01	-0.01	0.00	-0.01		ppb
Lithium	6-1				93		%
Magnesium	24-2	2.52	2.13	2.44	2.36	8.75	ppb

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:21:06 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.13	-0.16	-0.05	-0.12		ppb
Molybdenum	94-1	-0.01	-0.03	-0.02	-0.02		ppb
Molybdenum	95-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.03	-0.02	0.00	-0.02		ppb
Molybdenum	97-1	0.04	0.01	0.02	0.02	65.42	ppb
Molybdenum	98-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	-0.02	0.04	0.03	153.68	ppb
Phosphorus	31-2	-24.85	-35.99	-14.25	-25.03		ppb
Potassium	39-2	0.40	3.06	-3.74	-0.10		ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	-2.30	4.66	-2.30	0.02	20013.74	ppb
Selenium	78-2	0.00	0.00	-0.56	-0.19		ppb
Selenium	82-1	-0.80	0.34	-0.55	-0.34		ppb
Silicon	28-1	-26.84	-13.56	-24.40	-21.60		ppb
Silver	109-1	0.00	0.00	0.00	0.00	269.38	ppb
Silver	107-1	0.00	-0.01	0.00	-0.01		ppb
Sodium	23-2	39.33	38.39	30.32	36.01	13.75	ppb
Strontium	86-1	-0.09	0.00	0.05	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1466.91	1232.79	-662.18	-298.77		ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.04	0.00	0.01	209.19	ppb
Thallium	205-1	0.03	0.05	0.02	0.03	49.84	ppb
Tin	118-1	-0.02	-0.01	-0.03	-0.02		ppb
Titanium	47-1	-0.11	-0.09	-0.05	-0.08		ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.01	-0.02	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	0.11	-0.02	-0.07	0.01	1441.64	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:21:06	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.00	0.00	211.01	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	149.70	ppb

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:24:34 DataFile Name : 019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	84684.41	83040.14	83603.34	83775.96	1.00	ppb
Antimony	121-1	1.12	0.99	1.08	1.07	6.25	ppb
Arsenic	75-2	0.27	0.27	0.26	0.27	2.37	ppb
Barium	135-1	1.32	1.44	1.34	1.37	4.72	ppb
Barium	137-1	1.30	1.38	1.38	1.35	3.51	ppb
Beryllium	9-1	0.31	0.20	0.32	0.28	23.14	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	2.29	2.42	1.83	2.18	14.04	ppb
Boron	11-1	1.97	1.72	1.57	1.75	11.57	ppb
Cadmium	111-1	0.39	0.13	0.05	0.19	96.15	ppb
Cadmium	106-1	-1.36	-2.34	-1.85	-1.85		ppb
Cadmium	108-1	8.48	9.64	10.36	9.49	10.00	ppb
Calcium	43-1	94148.94	86407.02	92778.55	91111.50	4.53	ppb
Calcium	44-1	94543.69	85321.51	91355.55	90406.92	5.18	ppb
Chromium	52-2	19.61	19.20	19.63	19.48	1.25	ppb
Cobalt	59-2	1.03	1.05	1.16	1.08	6.51	ppb
Copper	63-2	7.59	7.36	7.58	7.51	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	95642.24	92618.58	94407.16	94222.66	1.61	ppb
Iron	57-2	97050.08	94285.80	95384.39	95573.42	1.46	ppb
Krypton	83-1						cps
Lead	206-1	6.43	5.25	5.81	5.83	10.08	ppb
Lead	207-1	5.67	4.62	4.82	5.04	11.16	ppb
Lead	208-1	5.85	4.88	5.30	5.34	9.10	ppb
Lithium	6-1				85		%
Magnesium	24-2	95246.70	95060.61	93021.15	94442.82	1.31	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:24:34	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.58	7.23	7.36	7.39	2.40	ppb
Molybdenum	94-1	1374.53	1268.19	1329.12	1323.95	4.03	ppb
Molybdenum	95-1	1935.49	1777.74	1860.38	1857.87	4.25	ppb
Molybdenum	96-1	1861.06	1704.94	1793.42	1786.47	4.38	ppb
Molybdenum	97-1	1974.23	1778.14	1882.87	1878.42	5.22	ppb
Molybdenum	98-1	1926.59	1755.82	1842.03	1841.48	4.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.02	5.18	5.13	5.11	1.65	ppb
Phosphorus	31-2	96403.12	96852.88	99848.98	97701.66	1.92	ppb
Potassium	39-2	94577.56	92940.16	94346.57	93954.76	0.94	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	-2.30	1.16	-2.30	-1.15		ppb
Selenium	78-2	0.57	0.55	1.16	0.76	45.19	ppb
Selenium	82-1	0.27	-0.41	0.73	0.20	292.86	ppb
Silicon	28-1	21.41	2.47	12.98	12.29	77.25	ppb
Silver	109-1	0.15	0.12	0.13	0.13	12.11	ppb
Silver	107-1	0.11	0.11	0.14	0.12	11.09	ppb
Sodium	23-2	93663.66	91888.36	93380.59	92977.54	1.03	ppb
Strontium	86-1	33.35	30.09	31.69	31.71	5.13	ppb
Strontium	88-1	33.95	30.50	32.30	32.25	5.35	ppb
Sulfur	34-1	87796.56	74232.04	81122.26	81050.29	8.37	ppb
Terbium	159-1				98		%
Terbium	159-2				97		%
Thallium	203-1	0.30	0.19	0.23	0.24	22.55	ppb
Thallium	205-1	0.30	0.19	0.22	0.23	23.64	ppb
Tin	118-1	0.18	0.12	0.16	0.15	19.43	ppb
Titanium	47-1	2013.73	1817.82	1920.24	1917.27	5.11	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	30.97	ppb
Vanadium	51-2	0.18	0.14	0.10	0.14	29.78	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	13.14	12.69	12.78	12.87	1.83	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:24:34	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.03	0.03	11.18	ppb
Zirconium	91-1	0.04	0.04	0.00	0.03	81.21	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:27:56	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	81780.06	81394.47	83045.40	82073.31	1.05	ppb
Antimony	121-1	21.18	21.04	21.12	21.11	0.35	ppb
Arsenic	75-2	19.17	18.92	19.75	19.28	2.21	ppb
Barium	135-1	21.31	21.29	22.02	21.54	1.91	ppb
Barium	137-1	21.66	22.21	21.37	21.75	1.95	ppb
Beryllium	9-1	23.49	22.86	22.26	22.87	2.68	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	64.42	61.02	65.12	63.52	3.46	ppb
Boron	11-1	61.21	62.31	61.05	61.52	1.12	ppb
Cadmium	111-1	19.92	20.29	20.62	20.27	1.72	ppb
Cadmium	106-1	23.48	27.91	21.73	24.37	13.06	ppb
Cadmium	108-1	31.28	30.88	29.60	30.59	2.88	ppb
Calcium	43-1	94078.04	91256.12	95617.10	93650.42	2.36	ppb
Calcium	44-1	93013.95	91824.78	93477.23	92771.99	0.92	ppb
Chromium	52-2	37.45	37.96	39.25	38.22	2.42	ppb
Cobalt	59-2	19.86	19.98	21.07	20.30	3.28	ppb
Copper	63-2	26.36	26.46	27.49	26.77	2.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				93		%
Indium	115-2				93		%
Iron	56-2	92726.27	91474.55	95891.32	93364.05	2.44	ppb
Iron	57-2	94904.33	92681.91	97082.78	94889.67	2.32	ppb
Krypton	83-1						cps
Lead	206-1	25.88	25.36	25.90	25.72	1.20	ppb
Lead	207-1	23.32	23.57	22.88	23.25	1.49	ppb
Lead	208-1	24.32	24.21	24.04	24.19	0.58	ppb
Lithium	6-1				73		%
Magnesium	24-2	93174.46	91442.61	96228.17	93615.08	2.59	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:27:56	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	25.99	25.80	28.04	26.61	4.67	ppb
Molybdenum	94-1	1465.89	1466.64	1450.04	1460.85	0.64	ppb
Molybdenum	95-1	1963.10	1941.92	1965.72	1956.91	0.67	ppb
Molybdenum	96-1	1878.26	1888.96	1898.74	1888.65	0.54	ppb
Molybdenum	97-1	1985.21	1964.00	1965.26	1971.49	0.60	ppb
Molybdenum	98-1	1935.53	1914.61	1945.31	1931.82	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.41	24.82	24.90	24.38	3.44	ppb
Phosphorus	31-2	94672.55	94049.67	99088.59	95936.94	2.86	ppb
Potassium	39-2	92351.99	92046.10	95379.25	93259.11	1.98	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	29.22	19.39	22.82	23.81	20.96	ppb
Selenium	78-2	22.46	20.88	17.85	20.40	11.49	ppb
Selenium	82-1	19.14	17.78	21.23	19.38	8.98	ppb
Silicon	28-1	68.90	65.32	71.42	68.55	4.47	ppb
Silver	109-1	19.12	19.14	19.12	19.13	0.06	ppb
Silver	107-1	19.37	18.94	19.56	19.29	1.65	ppb
Sodium	23-2	92380.78	91864.33	94603.99	92949.70	1.57	ppb
Strontium	86-1	81.96	81.75	82.68	82.13	0.59	ppb
Strontium	88-1	81.90	81.34	81.96	81.73	0.42	ppb
Sulfur	34-1	81323.68	78617.10	80531.51	80157.43	1.74	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	20.60	20.64	19.92	20.39	2.00	ppb
Thallium	205-1	20.64	20.64	21.16	20.81	1.44	ppb
Tin	118-1	47.90	48.57	48.51	48.33	0.77	ppb
Titanium	47-1	2014.84	2003.73	2020.85	2013.14	0.43	ppb
Uranium	238-1	49.98	48.87	49.68	49.51	1.17	ppb
Vanadium	51-2	18.55	18.78	19.63	18.99	3.01	ppb
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	33.18	30.51	32.36	32.02	4.27	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:27:56	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.32	49.07	50.39	49.93	1.49	ppb
Zirconium	91-1	49.88	48.70	50.39	49.66	1.75	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:31:17	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47642.46	50320.41	47551.51	48504.79	3.24	ppb
Antimony	121-1	544.73	512.14	509.54	522.14	3.76	ppb
Arsenic	75-2	499.05	530.54	508.99	512.86	3.14	ppb
Barium	135-1	2711.14	2606.34	2594.31	2637.27	2.44	ppb
Barium	137-1	2745.43	2581.10	2602.29	2642.94	3.38	ppb
Beryllium	9-1	598.68	587.15	587.90	591.25	1.09	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	588.57	601.20	595.21	594.99	1.06	ppb
Boron	11-1	594.95	604.83	602.07	600.62	0.85	ppb
Cadmium	111-1	525.25	497.36	499.11	507.24	3.08	ppb
Cadmium	106-1	525.74	503.19	494.39	507.78	3.18	ppb
Cadmium	108-1	525.58	503.88	493.47	507.64	3.23	ppb
Calcium	43-1	237252.86	227714.34	230146.00	231704.40	2.14	ppb
Calcium	44-1	237815.18	228618.45	230101.82	232178.49	2.13	ppb
Chromium	52-2	487.76	525.89	490.39	501.35	4.25	ppb
Cobalt	59-2	473.34	504.51	478.34	485.40	3.45	ppb
Copper	63-2	920.00	986.37	918.22	941.53	4.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	117065.51	124957.84	117494.37	119839.24	3.70	ppb
Iron	57-2	118910.05	126908.90	118591.83	121470.26	3.88	ppb
Krypton	83-1						cps
Lead	206-1	532.36	510.00	503.37	515.24	2.95	ppb
Lead	207-1	516.40	497.47	495.82	503.23	2.27	ppb
Lead	208-1	535.55	509.55	510.46	518.52	2.85	ppb
Lithium	6-1				73		%
Magnesium	24-2	236165.00	248937.56	236109.46	240404.01	3.07	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:31:17	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	976.48	1033.84	975.26	995.19	3.36	ppb
Molybdenum	94-1	2589.42	2490.65	2503.44	2527.84	2.12	ppb
Molybdenum	95-1	2591.62	2471.37	2474.47	2512.48	2.73	ppb
Molybdenum	96-1	2556.44	2460.00	2478.06	2498.17	2.05	ppb
Molybdenum	97-1	2584.04	2514.87	2514.51	2537.81	1.58	ppb
Molybdenum	98-1	2549.01	2465.55	2467.38	2493.98	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.33	513.68	481.81	492.28	3.77	ppb
Phosphorus	31-2	9175.26	10896.00	9602.53	9891.26	9.06	ppb
Potassium	39-2	116844.78	123975.18	116192.37	119004.11	3.63	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	524.95	574.42	535.67	545.01	4.77	ppb
Selenium	78-2	502.63	529.52	505.98	512.71	2.86	ppb
Selenium	82-1	519.99	498.21	495.53	504.58	2.66	ppb
Silicon	28-1	562.96	533.89	551.66	549.51	2.67	ppb
Silver	109-1	540.72	514.57	516.94	524.08	2.76	ppb
Silver	107-1	533.85	507.31	511.40	517.52	2.76	ppb
Sodium	23-2	229743.24	246160.97	231008.11	235637.44	3.88	ppb
Strontium	86-1	511.14	494.18	492.31	499.21	2.08	ppb
Strontium	88-1	519.60	501.11	506.38	509.03	1.87	ppb
Sulfur	34-1	7372.01	6532.92	6931.22	6945.38	6.04	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	534.82	510.53	505.18	516.84	3.06	ppb
Thallium	205-1	546.32	529.82	525.32	533.82	2.07	ppb
Tin	118-1	528.85	502.90	502.06	511.27	2.98	ppb
Titanium	47-1	2662.03	2530.26	2535.25	2575.85	2.90	ppb
Uranium	238-1	541.23	516.63	514.15	524.00	2.86	ppb
Vanadium	51-2	491.95	523.57	493.34	502.95	3.55	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	940.21	1002.76	941.55	961.51	3.72	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:31:17	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	522.34	504.11	507.65	511.37	1.89	ppb
Zirconium	91-1	512.57	494.34	494.68	500.53	2.08	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:36:44	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.24	2.31	0.61	2.39	76.18	ppb
Antimony	121-1	0.12	0.16	0.18	0.15	17.90	ppb
Arsenic	75-2	0.01	-0.02	-0.03	-0.01		ppb
Barium	135-1	-0.01	-0.01	-0.02	-0.02		ppb
Barium	137-1	-0.01	-0.02	0.00	-0.01		ppb
Beryllium	9-1	0.03	0.04	0.07	0.05	53.49	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Boron	10-1	2.67	3.61	3.44	3.24	15.53	ppb
Boron	11-1	3.40	3.38	3.34	3.37	0.83	ppb
Cadmium	111-1	-0.19	-0.14	-0.16	-0.16		ppb
Cadmium	106-1	-2.91	-2.42	-2.47	-2.60		ppb
Cadmium	108-1	-0.12	-0.12	-0.05	-0.09		ppb
Calcium	43-1	-2.85	-2.74	-6.40	-4.00		ppb
Calcium	44-1	39.44	54.12	47.32	46.96	15.64	ppb
Chromium	52-2	0.13	0.07	0.36	0.19	81.85	ppb
Cobalt	59-2	-0.02	0.01	-0.02	-0.01		ppb
Copper	63-2	0.06	0.06	0.04	0.05	17.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				91		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	56-2	2.23	2.55	2.61	2.47	8.24	ppb
Iron	57-2	5.09	1.38	2.35	2.94	65.45	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.11	0.17	0.14	22.49	ppb
Lead	207-1	0.11	0.17	0.07	0.12	43.51	ppb
Lead	208-1	0.11	0.12	0.13	0.12	10.20	ppb
Lithium	6-1				74		%
Magnesium	24-2	5.85	6.45	4.98	5.76	12.82	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:36:44	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.00	0.14	0.06	112.09	ppb
Molybdenum	94-1	0.05	0.10	0.07	0.07	35.79	ppb
Molybdenum	95-1	0.13	0.09	0.13	0.11	20.95	ppb
Molybdenum	96-1	0.06	0.06	0.12	0.08	44.45	ppb
Molybdenum	97-1	0.11	0.11	0.18	0.13	29.36	ppb
Molybdenum	98-1	0.14	0.11	0.13	0.13	11.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.05	0.04	0.01	429.65	ppb
Phosphorus	31-2	-24.16	-24.21	-35.99	-28.12		ppb
Potassium	39-2	51.14	36.22	44.35	43.90	17.02	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	5.01	1.28	-2.30	1.33	274.28	ppb
Selenium	78-2	-0.56	-0.56	-0.56	-0.56		ppb
Selenium	82-1	-0.36	0.35	1.02	0.34	203.91	ppb
Silicon	28-1	-33.01	-27.58	-29.16	-29.92		ppb
Silver	109-1	0.01	0.02	0.03	0.02	27.74	ppb
Silver	107-1	0.02	0.01	0.02	0.02	45.58	ppb
Sodium	23-2	112.25	120.79	130.83	121.29	7.67	ppb
Strontium	86-1	-0.06	0.07	0.05	0.02	411.25	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1137.54	ppb
Sulfur	34-1	-3525.57	-2597.45	-2979.36	-3034.13		ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	0.06	0.12	0.05	0.08	47.00	ppb
Thallium	205-1	0.11	0.12	0.09	0.11	16.19	ppb
Tin	118-1	0.00	0.01	-0.03	-0.01		ppb
Titanium	47-1	0.01	0.05	0.04	0.03	65.58	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%
Zinc	66-2	0.02	0.10	0.34	0.15	105.52	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:36:44	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.02	0.01	73.72	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	123.69	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:40:12	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.47	15.25	18.24	16.65	9.04	ppb
Antimony	121-1	1.87	1.94	1.78	1.86	4.31	ppb
Arsenic	75-2	1.00	0.92	0.71	0.88	17.35	ppb
Barium	135-1	9.99	10.16	10.05	10.07	0.84	ppb
Barium	137-1	9.50	9.69	9.38	9.52	1.61	ppb
Beryllium	9-1	0.98	1.09	1.10	1.06	6.13	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	25.20	29.30	26.86	27.12	7.60	ppb
Boron	11-1	25.75	28.69	28.38	27.60	5.86	ppb
Cadmium	111-1	0.81	0.92	0.96	0.90	8.73	ppb
Cadmium	106-1	-0.24	-0.40	0.14	-0.17		ppb
Cadmium	108-1	0.96	0.73	0.63	0.78	21.75	ppb
Calcium	43-1	432.83	458.94	414.63	435.47	5.11	ppb
Calcium	44-1	470.42	507.02	472.16	483.20	4.27	ppb
Chromium	52-2	1.98	1.86	2.17	2.01	7.86	ppb
Cobalt	59-2	0.98	0.91	0.93	0.94	3.99	ppb
Copper	63-2	1.76	1.80	1.96	1.84	5.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	56-2	48.78	50.27	53.29	50.78	4.53	ppb
Iron	57-2	54.99	51.06	49.04	51.70	5.85	ppb
Krypton	83-1						cps
Lead	206-1	0.83	0.93	0.98	0.91	8.23	ppb
Lead	207-1	0.85	1.00	0.96	0.94	8.31	ppb
Lead	208-1	0.86	0.94	0.97	0.92	6.05	ppb
Lithium	6-1				75		%
Magnesium	24-2	478.46	486.71	484.65	483.27	0.89	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:40:12	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.87	1.11	1.13	1.04	14.10	ppb
Molybdenum	94-1	4.84	4.58	4.96	4.80	4.02	ppb
Molybdenum	95-1	4.58	4.62	4.90	4.70	3.80	ppb
Molybdenum	96-1	5.06	4.94	4.81	4.94	2.54	ppb
Molybdenum	97-1	4.66	5.01	4.76	4.81	3.80	ppb
Molybdenum	98-1	4.61	4.86	4.65	4.71	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	1.04	1.19	1.02	16.87	ppb
Phosphorus	31-2	45.61	57.84	97.80	67.08	40.69	ppb
Potassium	39-2	517.45	476.78	504.67	499.63	4.16	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	4.84	8.48	5.27	6.20	32.07	ppb
Selenium	78-2	5.16	2.90	5.51	4.52	31.37	ppb
Selenium	82-1	2.72	6.04	4.69	4.48	37.27	ppb
Silicon	28-1	-20.18	-13.53	-20.93	-18.21		ppb
Silver	109-1	1.00	1.04	0.98	1.01	3.37	ppb
Silver	107-1	1.06	1.01	1.02	1.03	2.54	ppb
Sodium	23-2	558.22	551.12	575.02	561.45	2.19	ppb
Strontium	86-1	0.82	0.87	0.71	0.80	10.42	ppb
Strontium	88-1	0.88	0.91	0.85	0.88	3.53	ppb
Sulfur	34-1	-2832.47	-1935.76	-2843.09	-2537.11		ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	0.92	0.88	0.83	0.88	5.37	ppb
Thallium	205-1	0.93	0.98	1.00	0.97	3.88	ppb
Tin	118-1	4.72	4.92	4.67	4.77	2.79	ppb
Titanium	47-1	4.53	4.89	4.71	4.71	3.88	ppb
Uranium	238-1	0.78	0.90	0.84	0.84	7.11	ppb
Vanadium	51-2	4.86	5.06	4.75	4.89	3.22	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	1.87	1.85	1.68	1.80	5.80	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:40:12	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.89	0.95	0.88	0.91	4.57	ppb
Zirconium	91-1	0.84	0.94	0.93	0.90	5.98	ppb

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : PB116346BL Instrumnet Name : P8
 Client Sample ID : PB116346BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:43:40 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.06	-0.08	2.16	2.04	101.44	ppb
Antimony	121-1	0.01	0.03	0.04	0.03	49.84	ppb
Arsenic	75-2	-0.03	-0.03	-0.03	-0.03		ppb
Barium	135-1	-0.02	-0.03	0.03	-0.01		ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.03	0.04	0.02	77.21	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Boron	10-1	2.91	1.12	1.24	1.76	57.10	ppb
Boron	11-1	1.97	2.30	2.30	2.19	8.61	ppb
Cadmium	111-1	-0.02	-0.25	-0.07	-0.11		ppb
Cadmium	106-1	-0.27	-3.41	-1.08	-1.59		ppb
Cadmium	108-1	0.14	-0.05	-0.05	0.01	883.74	ppb
Calcium	43-1	-7.25	-5.34	-7.11	-6.56		ppb
Calcium	44-1	31.50	34.94	38.76	35.07	10.35	ppb
Chromium	52-2	0.10	0.34	0.31	0.25	52.07	ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	0.04	-0.02	-0.01	0.00	1137.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				94		%
Iron	56-2	1.39	1.29	0.80	1.16	27.55	ppb
Iron	57-2	2.90	1.13	4.55	2.86	59.99	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.07	0.05	0.06	11.51	ppb
Lead	207-1	0.07	0.08	0.06	0.07	10.65	ppb
Lead	208-1	0.07	0.06	0.06	0.06	7.74	ppb
Lithium	6-1				74		%
Magnesium	24-2	3.18	0.86	-0.20	1.28	135.50	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	PB116346BL	Instrumnet Name :	P8
Client Sample ID :	PB116346BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:43:40	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.07	0.00	0.03	140.42	ppb
Molybdenum	94-1	0.00	0.01	-0.03	-0.01		ppb
Molybdenum	95-1	0.01	0.01	0.02	0.02	48.06	ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.05	0.04	0.12	0.07	64.58	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	35.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	-0.02	0.02	0.02	197.12	ppb
Phosphorus	31-2	-24.41	-24.08	-24.01	-24.16		ppb
Potassium	39-2	16.57	30.28	22.28	23.04	29.88	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	-2.30	-2.30	-2.30	-2.30		ppb
Selenium	78-2	1.16	0.02	0.62	0.60	95.25	ppb
Selenium	82-1	0.99	-0.04	-0.44	0.17	436.44	ppb
Silicon	28-1	-31.27	-28.18	-25.94	-28.46		ppb
Silver	109-1	0.01	0.00	0.01	0.01	50.77	ppb
Silver	107-1	0.00	-0.01	0.00	0.00		ppb
Sodium	23-2	82.12	86.49	92.29	86.96	5.87	ppb
Strontium	86-1	-0.11	-0.05	-0.11	-0.09		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	120.82	ppb
Sulfur	34-1	-2603.18	-1840.86	-1665.99	-2036.68		ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.04	0.07	0.04	77.84	ppb
Thallium	205-1	0.04	0.03	0.07	0.05	47.14	ppb
Tin	118-1	-0.02	0.01	0.01	0.00		ppb
Titanium	47-1	-0.10	-0.03	-0.03	-0.05		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	-0.13	-0.10	-0.14	-0.12		ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	PB116346BL	Instrumnet Name :	P8
Client Sample ID :	PB116346BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:43:40	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	101.29	ppb
Zirconium	91-1	0.00	0.02	0.00	0.01	220.46	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	PB116346BS	Instrumnet Name :	P8
Client Sample ID :	PB116346BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:47:09	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9467.07	9009.30	9230.52	9235.63	2.48	ppb
Antimony	121-1	547.39	483.62	518.59	516.53	6.18	ppb
Arsenic	75-2	508.15	486.88	488.25	494.43	2.41	ppb
Barium	135-1	2679.50	2370.81	2596.24	2548.85	6.27	ppb
Barium	137-1	2699.57	2436.06	2612.14	2582.59	5.20	ppb
Beryllium	9-1	584.65	526.67	564.01	558.45	5.26	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Boron	10-1	562.32	522.90	570.43	551.89	4.61	ppb
Boron	11-1	566.37	526.57	569.28	554.08	4.31	ppb
Cadmium	111-1	531.58	473.01	507.24	503.94	5.84	ppb
Cadmium	106-1	533.70	482.72	513.98	510.13	5.04	ppb
Cadmium	108-1	535.21	487.79	510.05	511.01	4.64	ppb
Calcium	43-1	48598.74	43520.78	47404.65	46508.06	5.71	ppb
Calcium	44-1	49026.44	44142.24	48219.07	47129.25	5.56	ppb
Chromium	52-2	502.17	474.19	488.39	488.25	2.87	ppb
Cobalt	59-2	489.84	466.83	483.01	479.90	2.46	ppb
Copper	63-2	970.08	924.90	956.10	950.36	2.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				97		%
Iron	56-2	24761.03	23385.13	24328.53	24158.23	2.91	ppb
Iron	57-2	24429.36	23198.87	24000.30	23876.18	2.62	ppb
Krypton	83-1						cps
Lead	206-1	528.04	454.64	501.35	494.68	7.51	ppb
Lead	207-1	519.76	443.47	486.38	483.20	7.91	ppb
Lead	208-1	539.58	458.34	503.92	500.61	8.13	ppb
Lithium	6-1				82		%
Magnesium	24-2	52257.87	50005.18	51879.19	51380.75	2.35	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	PB116346BS	Instrumnet Name :	P8
Client Sample ID :	PB116346BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:47:09	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.17	959.18	984.39	981.25	2.11	ppb
Molybdenum	94-1	2620.02	2333.03	2519.00	2490.68	5.84	ppb
Molybdenum	95-1	2601.42	2345.41	2536.23	2494.35	5.33	ppb
Molybdenum	96-1	2582.24	2303.46	2507.94	2464.55	5.86	ppb
Molybdenum	97-1	2607.64	2353.97	2525.22	2495.61	5.18	ppb
Molybdenum	98-1	2562.43	2326.28	2498.92	2462.55	4.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.62	471.59	490.46	486.89	2.85	ppb
Phosphorus	31-2	10327.52	9479.27	9570.74	9792.51	4.75	ppb
Potassium	39-2	23650.43	22800.59	23352.53	23267.85	1.85	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	619.30	476.57	448.49	514.79	17.79	ppb
Selenium	78-2	503.84	486.85	488.81	493.17	1.89	ppb
Selenium	82-1	529.45	467.98	510.60	502.68	6.26	ppb
Silicon	28-1	537.11	485.92	531.95	518.33	5.44	ppb
Silver	109-1	552.69	494.74	529.08	525.51	5.55	ppb
Silver	107-1	547.30	489.50	520.46	519.09	5.57	ppb
Sodium	23-2	49058.23	46489.66	48342.22	47963.37	2.76	ppb
Strontium	86-1	516.79	459.87	502.25	492.97	6.00	ppb
Strontium	88-1	525.87	463.47	506.25	498.53	6.40	ppb
Sulfur	34-1	9811.28	6281.69	8521.64	8204.87	21.77	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	533.73	455.15	508.56	499.14	8.04	ppb
Thallium	205-1	551.23	476.24	527.38	518.28	7.39	ppb
Tin	118-1	527.35	466.69	503.64	499.23	6.12	ppb
Titanium	47-1	2603.04	2354.49	2562.31	2506.61	5.32	ppb
Uranium	238-1	539.55	457.33	503.58	500.15	8.24	ppb
Vanadium	51-2	498.11	477.51	490.66	488.76	2.13	ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	982.02	932.01	971.01	961.68	2.73	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	PB116346BS	Instrumnet Name :	P8
Client Sample ID :	PB116346BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:47:09	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	519.67	464.57	510.78	498.34	5.94	ppb
Zirconium	91-1	514.09	453.75	496.52	488.12	6.36	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01	Instrumnet Name :	P8
Client Sample ID :	381220006	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:50:30	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63.58	54.30	62.92	60.27	8.59	ppb
Antimony	121-1	0.26	0.24	0.22	0.24	6.72	ppb
Arsenic	75-2	-0.03	0.04	-0.01	0.00		ppb
Barium	135-1	1.41	1.21	1.26	1.29	7.94	ppb
Barium	137-1	1.25	1.29	1.42	1.32	6.77	ppb
Beryllium	9-1	0.08	0.01	0.04	0.05	73.97	ppb
Bismuth	209-1				97		%
Bismuth	209-2				83		%
Boron	10-1	18.53	17.47	16.95	17.65	4.58	ppb
Boron	11-1	20.00	18.51	18.39	18.96	4.73	ppb
Cadmium	111-1	-0.14	-0.16	-0.15	-0.15		ppb
Cadmium	106-1	-2.54	-2.64	-2.76	-2.65		ppb
Cadmium	108-1	0.13	0.39	0.00	0.17	116.24	ppb
Calcium	43-1	171.03	156.52	143.20	156.92	8.87	ppb
Calcium	44-1	198.93	160.87	153.06	170.95	14.36	ppb
Chromium	52-2	0.21	0.43	0.72	0.45	55.42	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	1588.98	ppb
Copper	63-2	1.58	1.55	1.43	1.52	5.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				87		%
Indium	115-1				101		%
Indium	115-2				88		%
Iron	56-2	4.05	4.90	4.09	4.35	10.96	ppb
Iron	57-2	5.92	4.38	3.14	4.48	31.02	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.26	0.22	0.27	18.16	ppb
Lead	207-1	0.37	0.24	0.17	0.26	38.72	ppb
Lead	208-1	0.32	0.26	0.21	0.26	21.54	ppb
Lithium	6-1				73		%
Magnesium	24-2	63.46	49.55	60.55	57.86	12.68	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01	Instrumnet Name :	P8
Client Sample ID :	381220006	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:50:30	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.15	0.14	0.30	0.19	45.61	ppb
Molybdenum	94-1	0.09	0.13	0.11	0.11	14.82	ppb
Molybdenum	95-1	0.22	0.15	0.16	0.18	23.04	ppb
Molybdenum	96-1	0.18	0.10	0.13	0.14	28.85	ppb
Molybdenum	97-1	0.24	0.25	0.19	0.23	12.41	ppb
Molybdenum	98-1	0.16	0.15	0.15	0.16	5.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.14	0.04	0.09	54.47	ppb
Phosphorus	31-2	-35.99	-22.45	-10.25	-22.90		ppb
Potassium	39-2	58.29	73.11	56.12	62.50	14.79	ppb
Rhodium	103-1				101		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				88		%
Selenium	77-2	-2.30	1.83	1.64	0.39	596.40	ppb
Selenium	78-2	1.19	-0.56	0.71	0.45	202.41	ppb
Selenium	82-1	-1.06	0.22	-0.63	-0.49		ppb
Silicon	28-1	-36.62	-46.61	-46.78	-43.34		ppb
Silver	109-1	0.73	0.66	0.67	0.68	5.30	ppb
Silver	107-1	0.70	0.66	0.69	0.68	3.35	ppb
Sodium	23-2	177.75	202.56	199.94	193.42	7.05	ppb
Strontium	86-1	0.69	0.62	0.52	0.61	13.88	ppb
Strontium	88-1	0.72	0.71	0.64	0.69	5.80	ppb
Sulfur	34-1	-5611.68	-6742.03	-6922.14	-6425.28		ppb
Terbium	159-1				101		%
Terbium	159-2				87		%
Thallium	203-1	0.79	0.50	0.38	0.55	38.07	ppb
Thallium	205-1	0.78	0.57	0.44	0.60	28.84	ppb
Tin	118-1	0.26	0.22	0.17	0.21	20.93	ppb
Titanium	47-1	0.13	0.15	0.21	0.16	26.74	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	137.81	ppb
Vanadium	51-2	0.05	0.05	0.08	0.06	34.17	ppb
Yttrium	89-1				102		%
Yttrium	89-2				89		%
Zinc	66-2	113.32	111.99	114.14	113.15	0.96	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01	Instrumnet Name :	P8
Client Sample ID :	381220006	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:50:30	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.03	0.02	56.34	ppb
Zirconium	91-1	0.03	0.04	0.03	0.04	13.48	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220006DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:53:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	60.43	64.20	54.94	59.86	7.78	ppb
Antimony	121-1	0.12	0.14	0.12	0.13	8.33	ppb
Arsenic	75-2	-0.03	0.00	0.00	-0.01		ppb
Barium	135-1	1.36	1.25	1.68	1.43	15.47	ppb
Barium	137-1	1.24	1.26	1.23	1.25	1.10	ppb
Beryllium	9-1	0.06	0.05	0.03	0.05	29.65	ppb
Bismuth	209-1				90		%
Bismuth	209-2				83		%
Boron	10-1	15.63	17.29	17.60	16.84	6.31	ppb
Boron	11-1	17.58	15.99	17.56	17.04	5.36	ppb
Cadmium	111-1	-0.19	-0.19	-0.18	-0.19		ppb
Cadmium	106-1	-2.84	-2.76	-2.60	-2.73		ppb
Cadmium	108-1	0.01	0.00	0.47	0.16	163.90	ppb
Calcium	43-1	171.87	148.84	161.23	160.65	7.17	ppb
Calcium	44-1	179.87	135.52	172.44	162.61	14.61	ppb
Chromium	52-2	0.51	0.43	0.45	0.46	8.77	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	1.42	1.44	1.29	1.38	5.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				87		%
Indium	115-1				95		%
Indium	115-2				87		%
Iron	56-2	4.27	4.12	4.30	4.23	2.32	ppb
Iron	57-2	5.10	1.67	6.24	4.34	54.92	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.21	0.19	0.19	11.66	ppb
Lead	207-1	0.13	0.18	0.10	0.14	28.76	ppb
Lead	208-1	0.16	0.18	0.16	0.17	7.44	ppb
Lithium	6-1				62		%
Magnesium	24-2	53.79	57.96	62.88	58.21	7.81	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220006DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:53:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.10	0.05	0.11	0.09	36.38	ppb
Molybdenum	94-1	0.03	-0.01	0.03	0.02	117.05	ppb
Molybdenum	95-1	0.02	0.04	0.02	0.03	40.08	ppb
Molybdenum	96-1	0.03	0.01	0.01	0.02	74.22	ppb
Molybdenum	97-1	0.11	0.12	0.11	0.11	7.75	ppb
Molybdenum	98-1	0.05	0.03	0.05	0.04	26.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.08	0.14	0.11	29.70	ppb
Phosphorus	31-2	-23.38	15.33	-35.99	-14.68		ppb
Potassium	39-2	17.70	26.44	28.13	24.09	23.24	ppb
Rhodium	103-1				93		%
Rhodium	103-2				91		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	1.56	1.62	-2.30	0.29	767.03	ppb
Selenium	78-2	-0.56	-0.56	0.07	-0.35		ppb
Selenium	82-1	-1.06	-1.36	-0.43	-0.95		ppb
Silicon	28-1	-37.95	-47.52	-40.94	-42.14		ppb
Silver	109-1	0.54	0.52	0.53	0.53	1.13	ppb
Silver	107-1	0.52	0.55	0.58	0.55	5.36	ppb
Sodium	23-2	163.63	172.11	172.33	169.36	2.93	ppb
Strontium	86-1	0.88	0.72	0.83	0.81	10.09	ppb
Strontium	88-1	0.66	0.69	0.69	0.68	2.49	ppb
Sulfur	34-1	-4777.49	-6457.17	-4737.18	-5323.95		ppb
Terbium	159-1				95		%
Terbium	159-2				87		%
Thallium	203-1	0.15	0.06	0.08	0.09	49.52	ppb
Thallium	205-1	0.08	0.05	0.09	0.08	25.64	ppb
Tin	118-1	0.21	0.19	0.13	0.18	23.37	ppb
Titanium	47-1	0.13	0.17	0.07	0.12	42.64	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.05	0.06	0.04	0.05	23.79	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	111.10	111.20	112.07	111.46	0.48	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220006DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:53:58	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.02	0.02	0.03	31.79	ppb
Zirconium	91-1	0.02	0.04	0.00	0.02	109.60	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220006L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-14 13:57:26	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.95	14.73	13.10	13.26	10.54	ppb
Antimony	121-1	0.06	0.05	0.05	0.05	14.89	ppb
Arsenic	75-2	-0.04	-0.05	-0.03	-0.04		ppb
Barium	135-1	0.21	0.21	0.25	0.22	11.15	ppb
Barium	137-1	0.22	0.33	0.20	0.25	25.92	ppb
Beryllium	9-1	0.06	0.05	0.06	0.06	3.66	ppb
Bismuth	209-1				87		%
Bismuth	209-2				80		%
Boron	10-1	6.09	5.93	6.07	6.03	1.46	ppb
Boron	11-1	6.35	6.06	6.04	6.15	2.82	ppb
Cadmium	111-1	-0.19	-0.13	-0.17	-0.16		ppb
Cadmium	106-1	-2.85	-1.79	-2.47	-2.37		ppb
Cadmium	108-1	-0.18	-0.05	0.16	-0.03		ppb
Calcium	43-1	23.65	18.98	27.30	23.31	17.90	ppb
Calcium	44-1	42.92	26.64	49.51	39.69	29.66	ppb
Chromium	52-2	0.90	0.58	0.59	0.69	26.34	ppb
Cobalt	59-2	0.00	-0.02	0.01	0.00		ppb
Copper	63-2	0.21	0.19	0.25	0.22	13.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				83		%
Indium	115-1				90		%
Indium	115-2				83		%
Iron	56-2	2.48	2.51	2.59	2.53	2.17	ppb
Iron	57-2	4.84	2.38	4.22	3.81	33.62	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.05	0.06	14.51	ppb
Lead	207-1	0.03	0.02	0.09	0.05	88.62	ppb
Lead	208-1	0.05	0.03	0.07	0.05	39.64	ppb
Lithium	6-1				59		%
Magnesium	24-2	16.45	15.99	12.41	14.95	14.81	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220006L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-14 13:57:26	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.09	0.19	0.08	159.69	ppb
Molybdenum	94-1	-0.02	0.01	0.03	0.01	378.96	ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	110.81	ppb
Molybdenum	96-1	0.01	0.03	0.02	0.02	47.94	ppb
Molybdenum	97-1	0.15	0.08	0.05	0.10	51.78	ppb
Molybdenum	98-1	-0.01	0.01	0.01	0.01	186.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.04	0.05	0.05	25.89	ppb
Phosphorus	31-2	-8.71	-22.61	-9.33	-13.55		ppb
Potassium	39-2	34.22	13.70	43.56	30.49	50.09	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				86		%
Scandium	45-2				84		%
Selenium	77-2	1.86	5.94	1.78	3.19	74.42	ppb
Selenium	78-2	1.45	0.10	-0.56	0.33	310.19	ppb
Selenium	82-1	-0.47	-0.75	-0.13	-0.45		ppb
Silicon	28-1	-36.46	-41.73	-35.30	-37.83		ppb
Silver	109-1	0.11	0.06	0.09	0.09	27.74	ppb
Silver	107-1	0.09	0.08	0.06	0.08	16.61	ppb
Sodium	23-2	94.79	88.82	79.81	87.81	8.59	ppb
Strontium	86-1	0.15	0.10	0.09	0.11	29.11	ppb
Strontium	88-1	0.13	0.13	0.13	0.13	2.64	ppb
Sulfur	34-1	-3744.08	-4499.70	-3205.76	-3816.51		ppb
Terbium	159-1				92		%
Terbium	159-2				83		%
Thallium	203-1	-0.02	-0.03	-0.05	-0.03		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.02	0.04	0.03	0.03	26.78	ppb
Titanium	47-1	0.08	-0.02	0.08	0.05	116.28	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	40.43	ppb
Yttrium	89-1				90		%
Yttrium	89-2				84		%
Zinc	66-2	21.43	21.13	20.98	21.18	1.08	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220006L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-14 13:57:26	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.00	0.01	74.74	ppb
Zirconium	91-1	0.03	0.00	-0.02	0.01	410.15	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01A	Instrumnet Name :	P8
Client Sample ID :	381220006A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:09:37	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1639.19	1707.31	1704.06	1683.52	2.28	ppb
Antimony	121-1	750.30	750.80	757.76	752.95	0.55	ppb
Arsenic	75-2	761.84	767.71	760.98	763.51	0.48	ppb
Barium	135-1	185.44	184.91	185.71	185.35	0.22	ppb
Barium	137-1	189.25	189.52	190.23	189.67	0.27	ppb
Beryllium	9-1	212.77	210.15	210.11	211.01	0.72	ppb
Bismuth	209-1				102		%
Bismuth	209-2				86		%
Boron	10-1	305.22	310.66	299.65	305.18	1.80	ppb
Boron	11-1	305.73	309.53	319.85	311.70	2.34	ppb
Cadmium	111-1	189.23	186.49	189.22	188.31	0.84	ppb
Cadmium	106-1	164.84	164.25	156.12	161.74	3.01	ppb
Cadmium	108-1	166.95	173.31	181.49	173.91	4.19	ppb
Calcium	43-1	1017.02	1041.36	1053.54	1037.30	1.79	ppb
Calcium	44-1	994.70	1000.47	997.90	997.69	0.29	ppb
Chromium	52-2	385.99	389.13	390.90	388.67	0.64	ppb
Cobalt	59-2	199.53	199.36	198.10	199.00	0.39	ppb
Copper	63-2	309.93	309.95	308.10	309.33	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				89		%
Indium	115-1				101		%
Indium	115-2				86		%
Iron	56-2	2947.28	2940.56	2902.84	2930.23	0.82	ppb
Iron	57-2	2847.62	2853.92	2832.54	2844.69	0.39	ppb
Krypton	83-1						cps
Lead	206-1	957.99	962.46	971.00	963.82	0.69	ppb
Lead	207-1	922.38	869.25	868.83	886.82	3.47	ppb
Lead	208-1	939.90	919.56	930.24	929.90	1.09	ppb
Lithium	6-1				67		%
Magnesium	24-2	1944.65	1903.45	1928.42	1925.51	1.08	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01A	Instrumnet Name :	P8
Client Sample ID :	381220006A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:09:37	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	187.71	188.73	188.45	188.30	0.28	ppb
Molybdenum	94-1	258.39	260.11	260.89	259.80	0.49	ppb
Molybdenum	95-1	362.73	361.19	364.87	362.93	0.51	ppb
Molybdenum	96-1	355.59	348.52	355.09	353.07	1.12	ppb
Molybdenum	97-1	366.16	367.43	372.74	368.78	0.95	ppb
Molybdenum	98-1	365.97	362.75	363.14	363.95	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.33	511.77	503.04	509.05	1.02	ppb
Phosphorus	31-2	4906.77	5326.79	5373.74	5202.44	4.94	ppb
Potassium	39-2	8966.48	9014.64	8981.75	8987.62	0.27	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				90		%
Selenium	77-2	1949.08	1641.67	1970.47	1853.74	9.92	ppb
Selenium	78-2	1942.34	1963.02	1905.06	1936.81	1.52	ppb
Selenium	82-1	1888.37	1886.16	1923.89	1899.47	1.11	ppb
Silicon	28-1	722.96	713.90	708.46	715.11	1.02	ppb
Silver	109-1	71.00	71.05	71.87	71.31	0.69	ppb
Silver	107-1	71.11	71.74	71.13	71.33	0.50	ppb
Sodium	23-2	2948.41	2953.19	2967.40	2956.34	0.33	ppb
Strontium	86-1	184.04	182.80	184.84	183.89	0.56	ppb
Strontium	88-1	190.93	188.67	191.85	190.48	0.86	ppb
Sulfur	34-1	-8910.04	-9112.19	-9444.20	-9155.47		ppb
Terbium	159-1				105		%
Terbium	159-2				89		%
Thallium	203-1	1907.82	1894.85	1892.93	1898.54	0.43	ppb
Thallium	205-1	1887.55	1865.89	1884.59	1879.34	0.62	ppb
Tin	118-1	664.13	657.73	660.76	660.87	0.48	ppb
Titanium	47-1	183.53	186.64	185.05	185.07	0.84	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	289.15	289.31	287.52	288.66	0.34	ppb
Yttrium	89-1				102		%
Yttrium	89-2				90		%
Zinc	66-2	263.96	266.21	261.83	264.00	0.83	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01A	Instrumnet Name :	P8
Client Sample ID :	381220006A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:09:37	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.05	0.06	0.06	20.39	ppb
Zirconium	91-1	0.16	0.25	0.24	0.22	23.39	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MS	Instrumnet Name :	P8
Client Sample ID :	381220006MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:13:01	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1735.43	1742.17	1733.59	1737.06	0.26	ppb
Antimony	121-1	765.57	779.16	755.84	766.86	1.53	ppb
Arsenic	75-2	782.98	767.89	778.24	776.37	0.99	ppb
Barium	135-1	188.39	187.68	187.50	187.86	0.25	ppb
Barium	137-1	192.31	192.74	188.29	191.11	1.28	ppb
Beryllium	9-1	211.45	207.42	208.55	209.14	0.99	ppb
Bismuth	209-1				101		%
Bismuth	209-2				85		%
Boron	10-1	304.44	318.79	316.53	313.25	2.46	ppb
Boron	11-1	308.01	319.38	313.82	313.74	1.81	ppb
Cadmium	111-1	193.72	189.96	188.78	190.82	1.35	ppb
Cadmium	106-1	161.69	165.27	158.18	161.71	2.19	ppb
Cadmium	108-1	177.64	177.19	177.73	177.52	0.16	ppb
Calcium	43-1	1125.97	1072.55	1056.22	1084.91	3.36	ppb
Calcium	44-1	1048.38	1026.03	1053.11	1042.50	1.39	ppb
Chromium	52-2	404.47	399.95	407.18	403.86	0.90	ppb
Cobalt	59-2	207.17	205.24	209.36	207.26	0.99	ppb
Copper	63-2	320.92	320.89	327.74	323.18	1.22	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				102		%
Holmium	165-2				86		%
Indium	115-1				99		%
Indium	115-2				82		%
Iron	56-2	3010.32	3010.83	3026.42	3015.86	0.30	ppb
Iron	57-2	2879.22	2990.22	2886.29	2918.58	2.13	ppb
Krypton	83-1						cps
Lead	206-1	969.41	972.70	962.04	968.05	0.56	ppb
Lead	207-1	888.26	888.25	871.60	882.70	1.09	ppb
Lead	208-1	937.62	938.76	925.53	933.97	0.78	ppb
Lithium	6-1				63		%
Magnesium	24-2	1978.66	2029.86	2027.45	2011.99	1.44	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MS	Instrumnet Name :	P8
Client Sample ID :	381220006MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:13:01	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	191.23	194.19	192.73	192.72	0.77	ppb
Molybdenum	94-1	266.26	267.86	262.47	265.53	1.04	ppb
Molybdenum	95-1	369.21	374.96	365.16	369.78	1.33	ppb
Molybdenum	96-1	357.43	363.59	357.08	359.37	1.02	ppb
Molybdenum	97-1	376.15	381.20	376.71	378.02	0.73	ppb
Molybdenum	98-1	366.32	375.30	368.85	370.16	1.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.13	525.96	534.53	527.54	1.20	ppb
Phosphorus	31-2	5665.83	5438.82	5949.59	5684.75	4.50	ppb
Potassium	39-2	9010.24	9041.57	9236.03	9095.94	1.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				85		%
Selenium	77-2	1950.61	2017.63	1802.57	1923.60	5.72	ppb
Selenium	78-2	1856.68	1871.14	1910.84	1879.55	1.49	ppb
Selenium	82-1	1910.34	1961.96	1915.35	1929.22	1.48	ppb
Silicon	28-1	712.12	707.33	714.22	711.22	0.50	ppb
Silver	109-1	72.88	71.78	71.41	72.02	1.06	ppb
Silver	107-1	72.55	72.76	71.63	72.31	0.83	ppb
Sodium	23-2	3060.62	3127.55	3198.41	3128.86	2.20	ppb
Strontium	86-1	186.05	191.04	187.41	188.16	1.37	ppb
Strontium	88-1	191.12	194.10	191.15	192.12	0.89	ppb
Sulfur	34-1	-10255.17	-10426.60	-10659.03	-10446.94		ppb
Terbium	159-1				102		%
Terbium	159-2				86		%
Thallium	203-1	1917.13	1916.80	1895.96	1909.96	0.64	ppb
Thallium	205-1	1923.08	1901.77	1883.65	1902.83	1.04	ppb
Tin	118-1	674.43	667.90	665.71	669.35	0.68	ppb
Titanium	47-1	189.42	190.52	190.42	190.12	0.32	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	296.46	293.48	303.07	297.67	1.65	ppb
Yttrium	89-1				100		%
Yttrium	89-2				87		%
Zinc	66-2	299.69	295.69	300.00	298.46	0.81	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MS	Instrumnet Name :	P8
Client Sample ID :	381220006MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:13:01	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.07	0.07	0.06	17.14	ppb
Zirconium	91-1	0.27	0.17	0.25	0.23	22.01	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220006MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:16:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1680.67	1656.01	1689.77	1675.48	1.04	ppb
Antimony	121-1	748.90	767.78	765.86	760.85	1.37	ppb
Arsenic	75-2	784.11	772.53	766.38	774.34	1.16	ppb
Barium	135-1	185.61	187.51	183.17	185.43	1.17	ppb
Barium	137-1	185.19	191.39	187.69	188.09	1.66	ppb
Beryllium	9-1	210.42	212.51	208.19	210.37	1.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				84		%
Boron	10-1	302.31	324.63	323.74	316.89	3.99	ppb
Boron	11-1	306.06	317.99	322.33	315.46	2.67	ppb
Cadmium	111-1	186.37	190.86	188.39	188.54	1.19	ppb
Cadmium	106-1	159.51	173.42	160.20	164.37	4.77	ppb
Cadmium	108-1	168.64	176.10	170.74	171.83	2.24	ppb
Calcium	43-1	1071.15	1079.32	1085.74	1078.73	0.68	ppb
Calcium	44-1	1024.28	1037.18	1025.33	1028.93	0.70	ppb
Chromium	52-2	394.31	397.01	391.63	394.32	0.68	ppb
Cobalt	59-2	204.37	204.32	199.24	202.64	1.45	ppb
Copper	63-2	317.32	320.10	314.45	317.29	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				86		%
Indium	115-1				99		%
Indium	115-2				83		%
Iron	56-2	2961.39	3011.77	2934.89	2969.35	1.32	ppb
Iron	57-2	2880.45	2886.44	2799.46	2855.45	1.70	ppb
Krypton	83-1						cps
Lead	206-1	943.07	967.54	981.09	963.90	2.00	ppb
Lead	207-1	858.57	876.73	875.21	870.17	1.16	ppb
Lead	208-1	911.88	933.66	931.93	925.82	1.31	ppb
Lithium	6-1				62		%
Magnesium	24-2	1970.45	1957.47	1903.79	1943.90	1.82	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220006MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:16:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	191.18	190.34	187.89	189.81	0.90	ppb
Molybdenum	94-1	259.96	265.54	265.45	263.65	1.21	ppb
Molybdenum	95-1	362.78	366.41	370.73	366.64	1.08	ppb
Molybdenum	96-1	353.50	359.05	357.21	356.59	0.79	ppb
Molybdenum	97-1	369.42	376.39	376.11	373.97	1.05	ppb
Molybdenum	98-1	367.56	369.68	367.21	368.15	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.71	521.53	509.90	518.05	1.37	ppb
Phosphorus	31-2	5098.83	5284.02	4969.72	5117.52	3.09	ppb
Potassium	39-2	9064.80	8925.32	8788.51	8926.21	1.55	ppb
Rhodium	103-1				100		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	1947.95	2012.30	1989.16	1983.13	1.64	ppb
Selenium	78-2	1957.43	1923.66	1942.50	1941.20	0.87	ppb
Selenium	82-1	1877.78	1923.11	1905.52	1902.14	1.20	ppb
Silicon	28-1	684.97	717.46	708.93	703.79	2.39	ppb
Silver	109-1	69.79	72.17	70.79	70.91	1.68	ppb
Silver	107-1	70.03	71.90	71.24	71.05	1.34	ppb
Sodium	23-2	3038.24	3033.07	2997.43	3022.91	0.74	ppb
Strontium	86-1	185.56	186.53	184.85	185.65	0.45	ppb
Strontium	88-1	189.25	194.29	192.29	191.94	1.32	ppb
Sulfur	34-1	-11106.88	-11077.06	-10887.86	-11023.94		ppb
Terbium	159-1				104		%
Terbium	159-2				86		%
Thallium	203-1	1861.44	1891.69	1898.33	1883.82	1.04	ppb
Thallium	205-1	1861.37	1883.19	1885.45	1876.67	0.71	ppb
Tin	118-1	651.35	664.10	659.43	658.29	0.98	ppb
Titanium	47-1	184.73	189.92	190.16	188.27	1.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	291.25	295.55	289.02	291.94	1.14	ppb
Yttrium	89-1				100		%
Yttrium	89-2				87		%
Zinc	66-2	295.25	289.57	287.31	290.71	1.41	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220006MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:16:27	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.04	0.07	0.06	28.03	ppb
Zirconium	91-1	0.20	0.23	0.19	0.21	9.18	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1138-01	Instrumnet Name :	P8
Client Sample ID :	381211744.1	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:19:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.85	58.35	62.33	58.51	6.40	ppb
Antimony	121-1	0.86	0.99	0.90	0.92	7.25	ppb
Arsenic	75-2	0.44	0.46	0.51	0.47	7.42	ppb
Barium	135-1	11.07	11.06	11.69	11.28	3.21	ppb
Barium	137-1	11.31	11.80	11.35	11.49	2.36	ppb
Beryllium	9-1	0.10	0.09	0.08	0.09	13.16	ppb
Bismuth	209-1				100		%
Bismuth	209-2				80		%
Boron	10-1	194.01	185.70	199.33	193.01	3.56	ppb
Boron	11-1	187.48	189.05	196.38	190.97	2.49	ppb
Cadmium	111-1	-0.14	-0.24	-0.17	-0.18		ppb
Cadmium	106-1	-2.46	-3.81	-2.42	-2.90		ppb
Cadmium	108-1	0.11	-0.06	0.05	0.03	266.89	ppb
Calcium	43-1	31899.31	31251.35	31660.67	31603.77	1.04	ppb
Calcium	44-1	32019.05	31677.10	31813.20	31836.45	0.54	ppb
Chromium	52-2	0.94	0.77	1.09	0.94	17.14	ppb
Cobalt	59-2	0.50	0.44	0.50	0.48	6.86	ppb
Copper	63-2	7.12	7.21	7.13	7.15	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				84		%
Indium	115-1				101		%
Indium	115-2				82		%
Iron	56-2	184.08	176.63	176.00	178.90	2.51	ppb
Iron	57-2	171.57	171.27	175.26	172.70	1.29	ppb
Krypton	83-1						cps
Lead	206-1	0.47	0.43	0.44	0.44	4.82	ppb
Lead	207-1	0.38	0.33	0.44	0.39	14.66	ppb
Lead	208-1	0.40	0.41	0.40	0.40	1.06	ppb
Lithium	6-1				57		%
Magnesium	24-2	7518.65	7477.87	7540.43	7512.32	0.42	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1138-01	Instrumnet Name :	P8
Client Sample ID :	381211744.1	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:19:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.48	11.13	11.36	11.33	1.54	ppb
Molybdenum	94-1	0.46	0.41	0.45	0.44	6.25	ppb
Molybdenum	95-1	0.46	0.40	0.57	0.48	17.33	ppb
Molybdenum	96-1	0.58	0.51	0.54	0.54	6.04	ppb
Molybdenum	97-1	0.61	0.52	0.50	0.54	10.90	ppb
Molybdenum	98-1	0.50	0.53	0.48	0.51	4.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.97	5.20	5.14	5.10	2.34	ppb
Phosphorus	31-2	984.44	1155.38	942.42	1027.41	10.98	ppb
Potassium	39-2	12073.41	12078.06	12036.11	12062.53	0.19	ppb
Rhodium	103-1				98		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	13.72	-2.30	-2.30	3.04	304.09	ppb
Selenium	78-2	2.65	0.09	1.42	1.39	92.34	ppb
Selenium	82-1	0.18	0.00	0.54	0.24	112.65	ppb
Silicon	28-1	3621.10	3522.56	3613.42	3585.69	1.53	ppb
Silver	109-1	0.14	0.19	0.21	0.18	18.40	ppb
Silver	107-1	0.14	0.18	0.20	0.17	19.13	ppb
Sodium	23-2	54150.36	53849.96	53719.41	53906.57	0.41	ppb
Strontium	86-1	268.73	272.02	275.78	272.18	1.30	ppb
Strontium	88-1	275.46	278.37	283.01	278.95	1.37	ppb
Sulfur	34-1	5474.51	5627.43	5960.48	5687.48	4.37	ppb
Terbium	159-1				104		%
Terbium	159-2				84		%
Thallium	203-1	0.47	0.46	0.23	0.39	35.47	ppb
Thallium	205-1	0.44	0.35	0.33	0.37	16.10	ppb
Tin	118-1	0.90	1.08	0.87	0.95	11.95	ppb
Titanium	47-1	0.33	0.35	0.53	0.41	27.52	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	21.51	ppb
Vanadium	51-2	0.25	0.23	0.22	0.23	7.49	ppb
Yttrium	89-1				100		%
Yttrium	89-2				86		%
Zinc	66-2	62.89	66.16	66.18	65.07	2.91	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1138-01	Instrumnet Name :	P8
Client Sample ID :	381211744.1	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:19:51	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.08	0.06	0.06	29.92	ppb
Zirconium	91-1	0.09	0.05	0.12	0.09	35.10	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:23:18	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47986.73	48634.17	48092.56	48237.82	0.72	ppb
Antimony	121-1	508.26	518.70	512.94	513.30	1.02	ppb
Arsenic	75-2	520.34	519.47	520.89	520.23	0.14	ppb
Barium	135-1	2522.81	2591.58	2559.11	2557.84	1.34	ppb
Barium	137-1	2524.31	2582.98	2562.97	2556.75	1.17	ppb
Beryllium	9-1	631.13	617.63	621.73	623.50	1.11	ppb
Bismuth	209-1				91		%
Bismuth	209-2				84		%
Boron	10-1	632.64	623.16	647.40	634.40	1.93	ppb
Boron	11-1	639.26	627.57	649.23	638.69	1.70	ppb
Cadmium	111-1	473.12	492.90	484.49	483.50	2.05	ppb
Cadmium	106-1	478.40	484.74	490.67	484.60	1.27	ppb
Cadmium	108-1	479.97	491.08	495.39	488.81	1.63	ppb
Calcium	43-1	232374.21	229440.82	231327.65	231047.56	0.64	ppb
Calcium	44-1	232375.35	231543.75	230605.87	231508.33	0.38	ppb
Chromium	52-2	516.09	512.90	514.24	514.41	0.31	ppb
Cobalt	59-2	505.56	506.16	501.78	504.50	0.47	ppb
Copper	63-2	985.57	983.59	969.82	979.66	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				100		%
Holmium	165-2				89		%
Indium	115-1				94		%
Indium	115-2				85		%
Iron	56-2	123538.81	124341.93	123164.70	123681.81	0.49	ppb
Iron	57-2	125563.62	127387.61	123993.03	125648.09	1.35	ppb
Krypton	83-1						cps
Lead	206-1	513.64	517.85	507.78	513.09	0.99	ppb
Lead	207-1	496.34	503.64	497.88	499.29	0.77	ppb
Lead	208-1	514.54	521.81	514.75	517.04	0.80	ppb
Lithium	6-1				61		%
Magnesium	24-2	244658.37	246617.53	244537.50	245271.13	0.48	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:23:18	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.57	1007.25	993.10	999.31	0.72	ppb
Molybdenum	94-1	2559.56	2607.60	2560.53	2575.90	1.07	ppb
Molybdenum	95-1	2548.97	2527.22	2559.62	2545.27	0.65	ppb
Molybdenum	96-1	2532.94	2553.79	2513.01	2533.25	0.80	ppb
Molybdenum	97-1	2552.51	2570.25	2564.12	2562.30	0.35	ppb
Molybdenum	98-1	2519.51	2515.91	2497.08	2510.83	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.26	512.58	507.87	508.91	0.65	ppb
Phosphorus	31-2	10257.00	10014.72	9479.94	9917.22	4.01	ppb
Potassium	39-2	117423.92	120244.97	118122.59	118597.16	1.24	ppb
Rhodium	103-1				91		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				91		%
Selenium	77-2	497.18	538.33	591.91	542.47	8.76	ppb
Selenium	78-2	531.53	516.92	516.13	521.53	1.66	ppb
Selenium	82-1	494.24	506.76	502.53	501.17	1.27	ppb
Silicon	28-1	515.91	524.37	549.87	530.05	3.34	ppb
Silver	109-1	495.85	509.10	503.09	502.68	1.32	ppb
Silver	107-1	491.82	503.42	500.81	498.68	1.22	ppb
Sodium	23-2	242652.46	243688.89	241501.72	242614.36	0.45	ppb
Strontium	86-1	502.08	503.63	504.24	503.31	0.22	ppb
Strontium	88-1	508.93	511.34	506.75	509.01	0.45	ppb
Sulfur	34-1	6449.14	6220.47	6671.02	6446.88	3.49	ppb
Terbium	159-1				100		%
Terbium	159-2				89		%
Thallium	203-1	515.13	515.85	512.65	514.54	0.33	ppb
Thallium	205-1	534.34	537.16	536.58	536.03	0.28	ppb
Tin	118-1	487.14	499.62	492.63	493.13	1.27	ppb
Titanium	47-1	2549.38	2538.12	2549.69	2545.73	0.26	ppb
Uranium	238-1	522.38	526.46	525.19	524.68	0.40	ppb
Vanadium	51-2	517.66	514.41	511.78	514.61	0.57	ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	991.44	991.10	969.17	983.90	1.30	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:23:18	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	507.22	517.18	503.52	509.31	1.39	ppb
Zirconium	91-1	497.27	503.59	496.91	499.26	0.75	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:30:17	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.85	0.19	0.82	1.62	120.97	ppb
Antimony	121-1	0.23	0.23	0.26	0.24	8.04	ppb
Arsenic	75-2	0.02	0.00	0.14	0.05	137.38	ppb
Barium	135-1	0.04	0.06	0.06	0.05	22.03	ppb
Barium	137-1	0.04	0.02	0.03	0.03	30.07	ppb
Beryllium	9-1	0.07	0.08	0.09	0.08	13.01	ppb
Bismuth	209-1				94		%
Bismuth	209-2				86		%
Boron	10-1	7.55	6.65	6.02	6.74	11.40	ppb
Boron	11-1	6.87	6.47	7.37	6.90	6.49	ppb
Cadmium	111-1	-0.22	-0.26	-0.18	-0.22		ppb
Cadmium	106-1	-3.67	-3.83	-2.83	-3.44		ppb
Cadmium	108-1	-0.06	-0.12	0.07	-0.03		ppb
Calcium	43-1	-0.12	-0.23	-1.29	-0.55		ppb
Calcium	44-1	7.45	15.54	7.54	10.18	45.64	ppb
Chromium	52-2	0.41	0.49	0.38	0.43	13.96	ppb
Cobalt	59-2	-0.02	-0.01	0.01	-0.01		ppb
Copper	63-2	0.07	0.03	0.06	0.05	35.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				88		%
Indium	115-1				96		%
Indium	115-2				88		%
Iron	56-2	3.76	3.49	4.21	3.82	9.48	ppb
Iron	57-2	3.89	4.72	8.03	5.54	39.54	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.09	0.10	11.30	ppb
Lead	207-1	0.10	0.09	0.09	0.09	2.94	ppb
Lead	208-1	0.11	0.14	0.09	0.11	21.19	ppb
Lithium	6-1				62		%
Magnesium	24-2	3.81	9.35	11.38	8.18	47.92	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:30:17	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.13	0.18	0.12	55.25	ppb
Molybdenum	94-1	0.10	0.08	0.09	0.09	10.41	ppb
Molybdenum	95-1	0.12	0.06	0.12	0.10	33.18	ppb
Molybdenum	96-1	0.07	0.12	0.08	0.09	28.69	ppb
Molybdenum	97-1	0.16	0.19	0.18	0.18	8.76	ppb
Molybdenum	98-1	0.08	0.09	0.12	0.10	17.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.08	0.05	0.07	28.57	ppb
Phosphorus	31-2	-11.13	-35.99	-23.31	-23.48		ppb
Potassium	39-2	43.17	31.22	20.11	31.50	36.62	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				90		%
Selenium	77-2	5.43	9.22	1.53	5.40	71.23	ppb
Selenium	78-2	1.30	-0.56	1.29	0.68	158.04	ppb
Selenium	82-1	-0.85	-1.63	-0.70	-1.06		ppb
Silicon	28-1	-44.30	-42.67	-42.21	-43.06		ppb
Silver	109-1	0.02	0.04	0.02	0.03	30.02	ppb
Silver	107-1	0.03	0.03	0.01	0.02	41.59	ppb
Sodium	23-2	92.57	89.03	88.08	89.89	2.63	ppb
Strontium	86-1	-0.11	-0.07	-0.09	-0.09		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	41.17	ppb
Sulfur	34-1	-4025.90	-3743.57	-3845.74	-3871.74		ppb
Terbium	159-1				97		%
Terbium	159-2				87		%
Thallium	203-1	0.10	0.07	0.08	0.08	18.42	ppb
Thallium	205-1	0.07	0.08	0.05	0.07	24.30	ppb
Tin	118-1	0.02	0.02	0.05	0.03	57.10	ppb
Titanium	47-1	-0.06	-0.04	0.17	0.02	584.06	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	28.42	ppb
Vanadium	51-2	-0.02	0.00	-0.02	-0.01		ppb
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	0.05	-0.07	0.10	0.03	349.15	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:30:17	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.02	0.01	0.02	61.50	ppb
Zirconium	91-1	-0.01	0.03	0.04	0.02	129.49	ppb

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:04:53	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	45	58	48	16.63	cps
Antimony	121-1	50	25	33	36	35.25	cps
Arsenic	75-2	4	7	19	10	78.08	cps
Barium	135-1	58	8	17	28	96.44	cps
Barium	137-1	92	75	42	69	36.66	cps
Beryllium	9-1	27	33	40	33	20.00	cps
Bismuth	209-1	1784353	1732545	1771388	1762762	1.53	cps
Bismuth	209-2	914168	916410	914886	915155	0.13	cps
Boron	10-1	58	92	58	69	27.71	cps
Boron	11-1	358	375	308	347	9.99	cps
Cadmium	111-1	732	824	745	767	6.48	cps
Cadmium	106-1	1067	1175	1058	1100	5.92	cps
Cadmium	108-1	21	4	13	13	66.64	cps
Calcium	43-1	397	403	410	403	1.65	cps
Calcium	44-1	83009	81619	81974	82201	0.88	cps
Chromium	52-2	1884	1837	1727	1816	4.43	cps
Cobalt	59-2	140	87	127	118	23.56	cps
Copper	63-2	180	167	203	183	10.12	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	17	8	14	34.67	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	42	33	25	33	25.01	cps
Gadolinium	160-2	7	23	10	13	66.12	cps
Holmium	165-1	2994624	2939054	2998245	2977308	1.11	cps
Holmium	165-2	1243705	1240039	1240821	1241522	0.16	cps
Indium	115-1	3080686	3011663	3092100	3061483	1.42	cps
Indium	115-2	279933	280919	281027	280626	0.21	cps
Iron	56-2	4079	3923	4034	4012	2.00	cps
Iron	57-2	139	94	78	104	30.46	cps
Krypton	83-1	640	560	667	622	8.92	cps
Lead	206-1	211	233	211	219	5.87	cps
Lead	207-1	194	211	228	211	7.90	cps
Lead	208-1	817	967	939	907	8.79	cps
Lithium	6-1	500430	499838	507308	502525	0.83	cps
Magnesium	24-2	300	333	400	344	14.78	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:04:53	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127	110	103	113	10.60	cps
Molybdenum	94-1	133	175	158	156	13.48	cps
Molybdenum	95-1	50	42	58	50	16.67	cps
Molybdenum	96-1	142	83	92	106	29.89	cps
Molybdenum	97-1	183	192	125	167	21.79	cps
Molybdenum	98-1	92	42	42	58	49.48	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	80	113	102	18.83	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	6243	6152	6268	6221	0.99	cps
Rhodium	103-1	3268279	3150250	3208759	3209096	1.84	cps
Rhodium	103-2	1379064	1376733	1384865	1380221	0.30	cps
Scandium	45-1	2829709	2785828	2861060	2825532	1.34	cps
Scandium	45-2	42497	41899	42290	42229	0.72	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	0	4	2	100.00	cps
Selenium	82-1	-126	-29	-93	-83	-59.71	cps
Silicon	28-1	424133	424425	421604	423387	0.37	cps
Silver	109-1	25	33	33	31	15.74	cps
Silver	107-1	67	42	92	67	37.50	cps
Sodium	23-2	9262	10021	9879	9720	4.15	cps
Strontium	86-1	742	825	958	842	12.99	cps
Strontium	88-1	67	92	117	92	27.27	cps
Sulfur	34-1	502940	503054	502918	502971	0.01	cps
Terbium	159-1	3205616	3171618	3228245	3201826	0.89	cps
Terbium	159-2	1269742	1271435	1273967	1271715	0.17	cps
Thallium	203-1	225	183	217	208	10.58	cps
Thallium	205-1	375	575	442	464	21.95	cps
Tin	118-1	283	275	200	253	18.16	cps
Titanium	47-1	150	167	200	172	14.78	cps
Uranium	238-1	42	42	42	42	0.00	cps
Vanadium	51-2	37	30	27	31	16.37	cps
Yttrium	89-1	3716666	3694107	3788194	3732989	1.32	cps
Yttrium	89-2	235071	233875	231000	233315	0.90	cps
Zinc	66-2	77	83	90	83	8.00	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:04:53	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	175	233	200	203	14.43	cps
Zirconium	91-1	67	67	33	56	34.65	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:12:14	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168	255	218	213	20.58	cps
Antimony	121-1	7919	7527	7411	7619	3.50	cps
Arsenic	75-2	128	131	115	125	7.02	cps
Barium	135-1	8303	7336	7736	7792	6.24	cps
Barium	137-1	13057	13549	13650	13419	2.36	cps
Beryllium	9-1	873	910	833	872	4.40	cps
Bismuth	209-1	1784690	1727742	1741802	1751411	1.69	cps
Bismuth	209-2	923026	895687	923571	914095	1.74	cps
Boron	10-1	2984	2784	2867	2878	3.49	cps
Boron	11-1	14116	14533	15100	14583	3.39	cps
Cadmium	111-1	1784	1714	1694	1731	2.72	cps
Cadmium	106-1	1275	1250	1150	1225	5.40	cps
Cadmium	108-1	96	75	75	82	14.68	cps
Calcium	43-1	7225	7272	7245	7248	0.32	cps
Calcium	44-1	192591	190349	193659	192200	0.88	cps
Chromium	52-2	3464	3474	3654	3531	3.03	cps
Cobalt	59-2	1847	1720	1863	1810	4.33	cps
Copper	63-2	2987	3117	3140	3082	2.68	cps
Dysprosium	156-1	50	25	33	36	35.25	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	42	17	28	45.82	cps
Erbium	164-2	0	13	0	4	173.21	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	0	10	7	6	91.64	cps
Holmium	165-1	2999224	3016679	2964585	2993496	0.89	cps
Holmium	165-2	1263176	1223137	1249332	1245215	1.63	cps
Indium	115-1	3119803	3044439	3037249	3067164	1.49	cps
Indium	115-2	284361	277388	281309	281019	1.24	cps
Iron	56-2	38381	38509	38197	38363	0.41	cps
Iron	57-2	945	917	1167	1009	13.58	cps
Krypton	83-1	607	663	623	631	4.61	cps
Lead	206-1	1939	1895	1978	1937	2.15	cps
Lead	207-1	1828	1739	1695	1754	3.87	cps
Lead	208-1	7918	7990	7762	7890	1.48	cps
Lithium	6-1	515831	509244	511132	512069	0.66	cps
Magnesium	24-2	18938	19456	19489	19294	1.60	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:12:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	360	410	393	388	6.57	cps
Molybdenum	94-1	7719	7928	8253	7967	3.38	cps
Molybdenum	95-1	10171	10588	10413	10391	2.01	cps
Molybdenum	96-1	10855	10713	10655	10741	0.96	cps
Molybdenum	97-1	6710	5852	6185	6249	6.93	cps
Molybdenum	98-1	15843	15626	15651	15707	0.76	cps
Neodymium	150-1	13	0	27	13	100.01	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	583	650	660	631	6.60	cps
Phosphorus	31-2	58	58	25	47	40.76	cps
Potassium	39-2	17770	18129	17971	17957	1.00	cps
Rhodium	103-1	3257310	3199566	3243197	3233358	0.93	cps
Rhodium	103-2	1401648	1348120	1383682	1377817	1.98	cps
Scandium	45-1	2801354	2815602	2809024	2808660	0.25	cps
Scandium	45-2	42534	41327	41709	41857	1.47	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	26	19	17	20	24.05	cps
Selenium	82-1	283	208	287	259	17.09	cps
Silicon	28-1	449318	449652	447629	448866	0.24	cps
Silver	109-1	4101	4476	4067	4215	5.38	cps
Silver	107-1	5068	4751	4034	4618	11.47	cps
Sodium	23-2	52807	52590	51703	52367	1.12	cps
Strontium	86-1	1859	1942	1967	1922	2.95	cps
Strontium	88-1	10663	10713	10229	10535	2.53	cps
Sulfur	34-1	514700	506273	510887	510620	0.83	cps
Terbium	159-1	3201792	3212857	3197890	3204180	0.24	cps
Terbium	159-2	1294674	1262894	1283607	1280392	1.26	cps
Thallium	203-1	2109	2284	2284	2225	4.54	cps
Thallium	205-1	5468	5568	5260	5432	2.90	cps
Tin	118-1	14525	13641	14275	14147	3.22	cps
Titanium	47-1	3867	3759	3692	3773	2.34	cps
Uranium	238-1	6244	5910	6277	6143	3.30	cps
Vanadium	51-2	3611	3574	3634	3606	0.84	cps
Yttrium	89-1	3783163	3663484	3749686	3732111	1.65	cps
Yttrium	89-2	236773	229930	235324	234009	1.54	cps
Zinc	66-2	477	417	440	444	6.81	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:12:14	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6819	6602	6535	6652	2.23	cps
Zirconium	91-1	1517	1467	1442	1475	2.59	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 12:16:05 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9248	9230	9135	9205	0.66	cps
Antimony	121-1	213205	216422	211808	213812	1.11	cps
Arsenic	75-2	6190	6098	6277	6188	1.45	cps
Barium	135-1	210031	211758	210078	210622	0.47	cps
Barium	137-1	363026	368083	367601	366236	0.76	cps
Beryllium	9-1	44877	45301	45258	45145	0.52	cps
Bismuth	209-1	1784454	1805761	1843424	1811213	1.65	cps
Bismuth	209-2	954453	951954	955944	954117	0.21	cps
Boron	10-1	5843	5993	6577	6138	6.32	cps
Boron	11-1	31210	30876	31928	31338	1.72	cps
Cadmium	111-1	50680	51142	51529	51117	0.83	cps
Cadmium	106-1	6068	6335	5751	6052	4.83	cps
Cadmium	108-1	3742	3463	3771	3659	4.65	cps
Calcium	43-1	75903	76453	76212	76189	0.36	cps
Calcium	44-1	1315634	1327578	1327584	1323599	0.52	cps
Chromium	52-2	51153	50591	50330	50692	0.83	cps
Cobalt	59-2	94034	95705	94202	94647	0.97	cps
Copper	63-2	157524	157157	158196	157625	0.33	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	17	25	67	36	74.18	cps
Gadolinium	160-2	7	7	13	9	43.25	cps
Holmium	165-1	3042639	3079810	3100847	3074432	0.96	cps
Holmium	165-2	1296324	1300690	1304185	1300400	0.30	cps
Indium	115-1	3055624	3102518	3112030	3090057	0.98	cps
Indium	115-2	290017	286478	286779	287758	0.68	cps
Iron	56-2	1772725	1777809	1763409	1771314	0.41	cps
Iron	57-2	43402	42482	42655	42846	1.14	cps
Krypton	83-1	603	597	617	606	1.68	cps
Lead	206-1	96487	97085	96963	96845	0.33	cps
Lead	207-1	88009	86012	88949	87657	1.71	cps
Lead	208-1	388501	390432	397995	392309	1.28	cps
Lithium	6-1	529289	534229	537299	533606	0.76	cps
Magnesium	24-2	207678	210808	208531	209006	0.77	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:16:05	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31148	31389	31071	31203	0.53	cps
Molybdenum	94-1	431463	428353	431610	430475	0.43	cps
Molybdenum	95-1	522781	527246	529888	526638	0.68	cps
Molybdenum	96-1	577216	579230	581459	579302	0.37	cps
Molybdenum	97-1	317969	324783	323494	322082	1.12	cps
Molybdenum	98-1	836696	827407	833278	832460	0.56	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27955	27738	27998	27897	0.50	cps
Phosphorus	31-2	825	717	817	786	7.67	cps
Potassium	39-2	68182	68601	67395	68059	0.90	cps
Rhodium	103-1	3219601	3239108	3244574	3234428	0.41	cps
Rhodium	103-2	1406670	1409300	1393948	1403306	0.59	cps
Scandium	45-1	2808864	2843300	2898680	2850282	1.59	cps
Scandium	45-2	42163	43130	41956	42416	1.48	cps
Selenium	77-2	60	37	53	50	24.03	cps
Selenium	78-2	176	163	183	174	5.92	cps
Selenium	82-1	3844	3790	3667	3767	2.42	cps
Silicon	28-1	613638	617230	616783	615884	0.32	cps
Silver	109-1	236596	240041	243183	239940	1.37	cps
Silver	107-1	252604	254852	249912	252456	0.98	cps
Sodium	23-2	465684	462968	463164	463939	0.33	cps
Strontium	86-1	67911	69913	67325	68383	1.98	cps
Strontium	88-1	574492	579214	578224	577310	0.43	cps
Sulfur	34-1	539565	536521	538046	538044	0.28	cps
Terbium	159-1	3248480	3285749	3317801	3284010	1.06	cps
Terbium	159-2	1325278	1326642	1336945	1329622	0.48	cps
Thallium	203-1	118810	119879	118827	119172	0.51	cps
Thallium	205-1	282800	282228	281447	282159	0.24	cps
Tin	118-1	147125	148550	149080	148252	0.68	cps
Titanium	47-1	185802	188646	187675	187374	0.77	cps
Uranium	238-1	354613	358635	361108	358119	0.92	cps
Vanadium	51-2	36294	36000	35341	35878	1.36	cps
Yttrium	89-1	3745386	3784603	3795083	3775024	0.69	cps
Yttrium	89-2	239415	238222	237971	238536	0.32	cps
Zinc	66-2	16704	17401	16971	17025	2.07	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:16:05	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	356550	356789	357875	357071	0.20	cps
Zirconium	91-1	77915	80881	79583	79460	1.87	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 12:19:53 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23425	23150	23323	23299	0.60	cps
Antimony	121-1	548654	554528	551347	551510	0.53	cps
Arsenic	75-2	15596	15147	15696	15480	1.89	cps
Barium	135-1	532830	540716	542290	538612	0.94	cps
Barium	137-1	929880	941607	949321	940270	1.04	cps
Beryllium	9-1	116651	117387	117468	117169	0.38	cps
Bismuth	209-1	1866775	1888019	1887109	1880634	0.64	cps
Bismuth	209-2	979594	968645	977701	975313	0.60	cps
Boron	10-1	16293	16318	16535	16382	0.81	cps
Boron	11-1	82194	84281	84273	83583	1.44	cps
Cadmium	111-1	130456	130617	131022	130699	0.22	cps
Cadmium	106-1	14433	14467	14834	14578	1.52	cps
Cadmium	108-1	9316	9216	9558	9363	1.88	cps
Calcium	43-1	187672	190756	191499	189976	1.07	cps
Calcium	44-1	3153499	3113925	3203957	3157127	1.43	cps
Chromium	52-2	124817	126364	124629	125270	0.76	cps
Cobalt	59-2	237919	236661	236221	236934	0.37	cps
Copper	63-2	400101	399090	398842	399344	0.17	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	25	8	17	50.01	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	50	50	25	42	34.64	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	3244187	3220055	3216549	3226930	0.47	cps
Holmium	165-2	1334056	1319157	1312361	1321858	0.84	cps
Indium	115-1	3174428	3178564	3160061	3171018	0.31	cps
Indium	115-2	286917	282901	284491	284769	0.71	cps
Iron	56-2	4326949	4348066	4381598	4352204	0.63	cps
Iron	57-2	107674	107513	109919	108369	1.24	cps
Krypton	83-1	640	640	667	649	2.37	cps
Lead	206-1	251060	254527	256765	254117	1.13	cps
Lead	207-1	225357	231735	230283	229125	1.46	cps
Lead	208-1	1015603	1032217	1028886	1025569	0.86	cps
Lithium	6-1	555083	568602	565488	563058	1.26	cps
Magnesium	24-2	517378	517208	519675	518087	0.27	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:19:53	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	79042	77651	80313	79002	1.69	cps
Molybdenum	94-1	1091136	1091432	1111488	1098019	1.06	cps
Molybdenum	95-1	1321220	1341152	1339405	1333926	0.83	cps
Molybdenum	96-1	1506715	1485398	1504817	1498977	0.79	cps
Molybdenum	97-1	809013	815856	824958	816609	0.98	cps
Molybdenum	98-1	2165369	2171448	2166161	2167659	0.15	cps
Neodymium	150-1	20	53	40	38	44.42	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	69878	70357	70226	70154	0.35	cps
Phosphorus	31-2	1659	2067	1642	1789	13.46	cps
Potassium	39-2	160878	157758	161297	159977	1.21	cps
Rhodium	103-1	3279053	3290081	3313139	3294091	0.53	cps
Rhodium	103-2	1399785	1385944	1389104	1391611	0.52	cps
Scandium	45-1	2876602	2855078	2854952	2862211	0.44	cps
Scandium	45-2	41488	40819	41635	41314	1.05	cps
Selenium	77-2	160	137	130	142	11.08	cps
Selenium	78-2	446	420	491	452	7.87	cps
Selenium	82-1	9803	9850	9713	9789	0.72	cps
Silicon	28-1	887538	896856	891925	892106	0.52	cps
Silver	109-1	602228	606828	612561	607206	0.85	cps
Silver	107-1	641212	646669	650368	646083	0.71	cps
Sodium	23-2	1168476	1146127	1167930	1160844	1.10	cps
Strontium	86-1	171052	172748	170553	171451	0.67	cps
Strontium	88-1	1482033	1481977	1509499	1491169	1.06	cps
Sulfur	34-1	570347	572848	573894	572363	0.32	cps
Terbium	159-1	3479322	3445688	3444544	3456518	0.57	cps
Terbium	159-2	1347690	1347773	1338533	1344666	0.39	cps
Thallium	203-1	309659	311936	313985	311860	0.69	cps
Thallium	205-1	739587	733132	744032	738917	0.74	cps
Tin	118-1	381667	385343	384742	383917	0.51	cps
Titanium	47-1	469902	470428	476749	472359	0.81	cps
Uranium	238-1	928208	946463	937078	937250	0.97	cps
Vanadium	51-2	89121	88037	88883	88681	0.64	cps
Yttrium	89-1	3884380	3869875	3820226	3858160	0.87	cps
Yttrium	89-2	238387	234391	236507	236428	0.85	cps
Zinc	66-2	42592	43361	42903	42952	0.90	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:19:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	906579	916131	923719	915477	0.94	cps
Zirconium	91-1	202932	204601	206377	204637	0.84	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:23:40	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46279	45968	46465	46237	0.54	cps
Antimony	121-1	1140853	1140150	1137666	1139556	0.15	cps
Arsenic	75-2	31987	31748	31701	31812	0.48	cps
Barium	135-1	1122530	1107216	1111497	1113748	0.71	cps
Barium	137-1	1956425	1958885	1952446	1955919	0.17	cps
Beryllium	9-1	233123	231203	231338	231888	0.46	cps
Bismuth	209-1	1899092	1899240	1866337	1888223	1.00	cps
Bismuth	209-2	981368	965273	970476	972372	0.84	cps
Boron	10-1	32555	32304	32930	32596	0.97	cps
Boron	11-1	161929	163607	164433	163323	0.78	cps
Cadmium	111-1	267966	268520	264444	266977	0.83	cps
Cadmium	106-1	27855	28865	27563	28094	2.43	cps
Cadmium	108-1	19656	19256	18997	19303	1.72	cps
Calcium	43-1	386377	381233	387414	385008	0.86	cps
Calcium	44-1	6268455	6244257	6278684	6263799	0.28	cps
Chromium	52-2	249002	249416	248273	248897	0.23	cps
Cobalt	59-2	476793	475057	473685	475178	0.33	cps
Copper	63-2	801122	802737	797300	800386	0.35	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	67	33	50	50	33.34	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	3239090	3201453	3248883	3229809	0.78	cps
Holmium	165-2	1345220	1299828	1333824	1326291	1.78	cps
Indium	115-1	3208451	3150860	3158402	3172571	0.99	cps
Indium	115-2	288276	280664	286202	285047	1.38	cps
Iron	56-2	8776719	8656195	8683612	8705509	0.73	cps
Iron	57-2	221393	220709	218357	220153	0.72	cps
Krypton	83-1	663	607	583	618	6.66	cps
Lead	206-1	511320	516575	519995	515963	0.85	cps
Lead	207-1	464982	465455	469017	466485	0.47	cps
Lead	208-1	2094398	2090305	2106204	2096969	0.39	cps
Lithium	6-1	553771	546082	545165	548339	0.86	cps
Magnesium	24-2	1045878	1035454	1037814	1039715	0.53	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:23:40	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	159185	158268	159042	158832	0.31	cps
Molybdenum	94-1	2249887	2231850	2272904	2251547	0.91	cps
Molybdenum	95-1	2847301	2844394	2822414	2838036	0.48	cps
Molybdenum	96-1	3090469	3059186	3096106	3081920	0.65	cps
Molybdenum	97-1	1703809	1692582	1715727	1704039	0.68	cps
Molybdenum	98-1	4351005	4409953	4405527	4388828	0.75	cps
Neodymium	150-1	53	40	73	56	30.20	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	139918	141153	139733	140268	0.55	cps
Phosphorus	31-2	3559	3742	3859	3720	4.07	cps
Potassium	39-2	318481	318351	319240	318691	0.15	cps
Rhodium	103-1	3276413	3285090	3256451	3272651	0.45	cps
Rhodium	103-2	1396310	1361658	1384349	1380772	1.27	cps
Scandium	45-1	2938467	2844913	2869906	2884429	1.68	cps
Scandium	45-2	41501	40682	41826	41336	1.43	cps
Selenium	77-2	283	227	263	258	11.15	cps
Selenium	78-2	902	772	961	878	11.00	cps
Selenium	82-1	19482	19241	19758	19494	1.33	cps
Silicon	28-1	1176977	1187680	1167602	1177420	0.85	cps
Silver	109-1	1229748	1235266	1242672	1235895	0.52	cps
Silver	107-1	1328376	1313657	1329827	1323953	0.68	cps
Sodium	23-2	2314832	2340292	2327884	2327669	0.55	cps
Strontium	86-1	349222	351082	350848	350384	0.29	cps
Strontium	88-1	3020642	3049542	3054006	3041397	0.60	cps
Sulfur	34-1	615569	613616	610039	613075	0.46	cps
Terbium	159-1	3555454	3447441	3461543	3488146	1.68	cps
Terbium	159-2	1361809	1334056	1369431	1355099	1.37	cps
Thallium	203-1	638668	633944	642245	638285	0.65	cps
Thallium	205-1	1502508	1503344	1518084	1507979	0.58	cps
Tin	118-1	785646	786663	786120	786143	0.06	cps
Titanium	47-1	965319	951398	967043	961254	0.89	cps
Uranium	238-1	1983018	1990775	1980873	1984889	0.26	cps
Vanadium	51-2	180817	181698	180605	181040	0.32	cps
Yttrium	89-1	3950288	3872323	3882715	3901775	1.08	cps
Yttrium	89-2	238486	233656	236568	236237	1.03	cps
Zinc	66-2	85958	87239	85673	86290	0.97	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:23:40	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1877185	1912248	1903150	1897528	0.96	cps
Zirconium	91-1	413399	409185	419764	414116	1.29	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:27:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90457	90943	91116	90838	0.38	cps
Antimony	121-1	2347994	2334470	2319769	2334078	0.60	cps
Arsenic	75-2	63662	62626	63240	63176	0.82	cps
Barium	135-1	2328050	2283964	2283394	2298469	1.11	cps
Barium	137-1	3960932	3940678	3908530	3936713	0.67	cps
Beryllium	9-1	456242	460651	459532	458808	0.50	cps
Bismuth	209-1	1889062	1973485	1958961	1940503	2.33	cps
Bismuth	209-2	1002930	1001986	963571	989496	2.27	cps
Boron	10-1	65065	64420	63525	64337	1.20	cps
Boron	11-1	330642	329425	331633	330567	0.33	cps
Cadmium	111-1	536190	529569	533431	533063	0.62	cps
Cadmium	106-1	57273	55415	55675	56121	1.79	cps
Cadmium	108-1	39044	38476	38346	38622	0.96	cps
Calcium	43-1	768041	767609	765005	766885	0.21	cps
Calcium	44-1	12512056	12281651	12359226	12384311	0.95	cps
Chromium	52-2	487625	490870	491165	489887	0.40	cps
Cobalt	59-2	936256	936538	942989	938594	0.41	cps
Copper	63-2	1583691	1577300	1592508	1584500	0.48	cps
Dysprosium	156-1	33	25	58	39	44.62	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	8	42	25	25	66.68	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	42	50	33	42	20.00	cps
Gadolinium	160-2	30	10	20	20	50.00	cps
Holmium	165-1	3175579	3374974	3331515	3294023	3.18	cps
Holmium	165-2	1383382	1367917	1321284	1357528	2.38	cps
Indium	115-1	3052967	3252291	3237909	3181056	3.49	cps
Indium	115-2	287902	289520	274094	283838	2.99	cps
Iron	56-2	17182423	17118057	17265063	17188514	0.43	cps
Iron	57-2	428909	429017	437952	431959	1.20	cps
Krypton	83-1	627	523	527	559	10.51	cps
Lead	206-1	1049555	1034418	1049901	1044625	0.85	cps
Lead	207-1	950196	944375	953716	949429	0.50	cps
Lead	208-1	4346874	4289257	4349719	4328617	0.79	cps
Lithium	6-1	544922	557243	554683	552283	1.18	cps
Magnesium	24-2	2097074	2070668	2101533	2089759	0.80	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:27:20	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	311953	311503	315341	312933	0.67	cps
Molybdenum	94-1	4586446	4513941	4528571	4542986	0.84	cps
Molybdenum	95-1	5698271	5596988	5611629	5635629	0.97	cps
Molybdenum	96-1	6168602	6037832	6184253	6130229	1.31	cps
Molybdenum	97-1	3438261	3369462	3416030	3407918	1.03	cps
Molybdenum	98-1	8861499	8779888	8922962	8854783	0.81	cps
Neodymium	150-1	73	60	107	80	30.05	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	274349	274336	276380	275022	0.43	cps
Phosphorus	31-2	7286	7052	7527	7288	3.26	cps
Potassium	39-2	613458	613287	624713	617153	1.06	cps
Rhodium	103-1	3193943	3328225	3316618	3279595	2.27	cps
Rhodium	103-2	1418429	1399896	1349440	1389255	2.57	cps
Scandium	45-1	2810402	2898898	2907089	2872130	1.87	cps
Scandium	45-2	42283	41896	40696	41625	1.99	cps
Selenium	77-2	533	433	520	496	10.96	cps
Selenium	78-2	1698	1730	1802	1743	3.05	cps
Selenium	82-1	39748	39661	39848	39753	0.24	cps
Silicon	28-1	1901087	1866068	1891181	1886112	0.96	cps
Silver	109-1	2563748	2550928	2530893	2548523	0.65	cps
Silver	107-1	2687156	2689758	2715175	2697363	0.57	cps
Sodium	23-2	4525242	4522360	4545393	4530998	0.28	cps
Strontium	86-1	701081	699974	703790	701615	0.28	cps
Strontium	88-1	6104983	6051016	6097829	6084609	0.48	cps
Sulfur	34-1	717613	709415	715491	714173	0.60	cps
Terbium	159-1	3452541	3584309	3571426	3536092	2.05	cps
Terbium	159-2	1404940	1402493	1340689	1382707	2.63	cps
Thallium	203-1	1301602	1280643	1311883	1298043	1.23	cps
Thallium	205-1	3085550	3077323	3152191	3105021	1.32	cps
Tin	118-1	1634961	1597542	1607046	1613183	1.21	cps
Titanium	47-1	1972034	1971975	1958127	1967379	0.41	cps
Uranium	238-1	4061712	4060586	4042325	4054874	0.27	cps
Vanadium	51-2	357544	357502	359461	358169	0.31	cps
Yttrium	89-1	3814780	3992688	3979084	3928851	2.52	cps
Yttrium	89-2	242976	240707	230428	238037	2.81	cps
Zinc	66-2	169798	170125	170061	169995	0.10	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:27:20	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3793179	3771749	3807213	3790714	0.47	cps
Zirconium	91-1	844390	829757	832719	835622	0.93	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 12:30:54 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	181119	181405	180662	181062	0.21	cps
Antimony	121-1	4669371	4669117	4765424	4701304	1.18	cps
Arsenic	75-2	126173	126637	127244	126685	0.42	cps
Barium	135-1	4601666	4596343	4654192	4617400	0.69	cps
Barium	137-1	7973228	7905556	7959196	7945993	0.45	cps
Beryllium	9-1	916118	917353	910028	914499	0.43	cps
Bismuth	209-1	2011517	1972947	2048597	2011020	1.88	cps
Bismuth	209-2	998978	978572	1017386	998312	1.94	cps
Boron	10-1	128918	130836	131497	130417	1.03	cps
Boron	11-1	657683	654167	672617	661489	1.48	cps
Cadmium	111-1	1108015	1102783	1111590	1107463	0.40	cps
Cadmium	106-1	113315	115374	118382	115690	2.20	cps
Cadmium	108-1	79135	78666	79499	79100	0.53	cps
Calcium	43-1	1573576	1553398	1553854	1560276	0.74	cps
Calcium	44-1	24878350	24807002	24933025	24872792	0.25	cps
Chromium	52-2	977423	975854	976587	976621	0.08	cps
Cobalt	59-2	1897187	1894891	1883505	1891861	0.39	cps
Copper	63-2	3150568	3126797	3140739	3139368	0.38	cps
Dysprosium	156-1	67	50	75	64	19.92	cps
Dysprosium	156-2	0	13	27	13	100.01	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	0	7	0	2	173.21	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	7	20	7	11	69.25	cps
Holmium	165-1	3426505	3394311	3475547	3432121	1.19	cps
Holmium	165-2	1391026	1361241	1423095	1391787	2.22	cps
Indium	115-1	3190704	3160208	3379851	3243588	3.67	cps
Indium	115-2	283441	279668	287325	283478	1.35	cps
Iron	56-2	34444448	34239649	34177074	34287057	0.41	cps
Iron	57-2	866556	861931	860037	862841	0.39	cps
Krypton	83-1	650	673	533	619	12.12	cps
Lead	206-1	2202535	2162208	2152375	2172373	1.22	cps
Lead	207-1	2012078	2007886	2030995	2016987	0.61	cps
Lead	208-1	8957578	8877668	8931696	8922314	0.46	cps
Lithium	6-1	553635	554903	563289	557276	0.94	cps
Magnesium	24-2	4073344	4080803	4036680	4063609	0.58	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:30:54	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	624671	623225	622647	623514	0.17	cps
Molybdenum	94-1	8973635	8988314	9151710	9037886	1.09	cps
Molybdenum	95-1	11348346	11378837	11421757	11382980	0.32	cps
Molybdenum	96-1	12367759	12421807	12354361	12381309	0.29	cps
Molybdenum	97-1	6850005	6786748	6844101	6826951	0.51	cps
Molybdenum	98-1	18053055	17937030	17794768	17928284	0.72	cps
Neodymium	150-1	147	247	160	184	29.44	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	542831	542132	541529	542164	0.12	cps
Phosphorus	31-2	15601	15159	14316	15025	4.34	cps
Potassium	39-2	1230006	1234599	1239276	1234627	0.38	cps
Rhodium	103-1	3341447	3246252	3410581	3332760	2.48	cps
Rhodium	103-2	1388551	1373846	1411097	1391164	1.35	cps
Scandium	45-1	2943802	2889372	2997401	2943525	1.84	cps
Scandium	45-2	42872	42317	43648	42946	1.56	cps
Selenium	77-2	1053	967	950	990	5.60	cps
Selenium	78-2	3413	3408	3426	3416	0.28	cps
Selenium	82-1	79138	79214	80158	79504	0.71	cps
Silicon	28-1	3255036	3223417	3310144	3262865	1.35	cps
Silver	109-1	5092687	5089767	5157694	5113382	0.75	cps
Silver	107-1	5352994	5398905	5433104	5395001	0.75	cps
Sodium	23-2	8973394	8965522	8980674	8973197	0.08	cps
Strontium	86-1	1457698	1416770	1449770	1441413	1.51	cps
Strontium	88-1	12312966	12127636	12309121	12249907	0.86	cps
Sulfur	34-1	954998	944056	943259	947438	0.69	cps
Terbium	159-1	3677706	3624850	3776727	3693094	2.09	cps
Terbium	159-2	1414041	1387075	1428760	1409959	1.50	cps
Thallium	203-1	2686524	2690838	2694093	2690485	0.14	cps
Thallium	205-1	6237912	6289078	6192387	6239793	0.78	cps
Tin	118-1	3315171	3245598	3314455	3291741	1.21	cps
Titanium	47-1	3873879	3860434	3872527	3868946	0.19	cps
Uranium	238-1	8115228	8125491	8217357	8152692	0.69	cps
Vanadium	51-2	718883	718737	720673	719431	0.15	cps
Yttrium	89-1	4002865	3971669	4179549	4051361	2.77	cps
Yttrium	89-2	242623	237846	245412	241960	1.58	cps
Zinc	66-2	345308	346936	342981	345075	0.58	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:30:54	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7661515	7538980	7722485	7640993	1.22	cps
Zirconium	91-1	1718897	1701218	1716754	1712290	0.56	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:34:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	980572	985056	988454	984694	0.40	cps
Antimony	121-1	5385	5418	5385	5396	0.36	cps
Arsenic	75-2	211	180	144	178	18.69	cps
Barium	135-1	633	683	483	600	17.35	cps
Barium	137-1	1025	1100	1050	1058	3.61	cps
Beryllium	9-1	160	183	150	164	10.40	cps
Bismuth	209-1	1716556	1585328	1598948	1633610	4.42	cps
Bismuth	209-2	809612	815871	796912	807465	1.20	cps
Boron	10-1	1992	1592	1433	1672	17.21	cps
Boron	11-1	8995	8294	7394	8228	9.76	cps
Cadmium	111-1	834	811	738	794	6.27	cps
Cadmium	106-1	1025	917	950	964	5.76	cps
Cadmium	108-1	13	8	50	24	97.20	cps
Calcium	43-1	7837209	7931612	7957977	7908933	0.80	cps
Calcium	44-1	124604861	126199115	126972198	125925391	0.96	cps
Chromium	52-2	17051	16847	17027	16975	0.66	cps
Cobalt	59-2	23286	23510	22862	23220	1.42	cps
Copper	63-2	5581	5521	5371	5491	1.97	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	0	10	10	7	86.60	cps
Erbium	164-1	25	25	0	17	86.60	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	58	50	58	56	8.67	cps
Gadolinium	160-2	17	13	13	14	13.35	cps
Holmium	165-1	3095004	2998466	2999981	3031150	1.82	cps
Holmium	165-2	1218412	1228757	1215817	1220996	0.56	cps
Indium	115-1	3000291	2937291	2980407	2972663	1.08	cps
Indium	115-2	274693	274378	273500	274190	0.23	cps
Iron	56-2	176908643	176575115	177074426	176852728	0.14	cps
Iron	57-2	4405811	4432939	4513372	4450707	1.26	cps
Krypton	83-1	620	610	617	616	0.83	cps
Lead	206-1	2561	2417	2645	2541	4.54	cps
Lead	207-1	1978	2189	2211	2126	6.06	cps
Lead	208-1	10007	9885	9941	9944	0.62	cps
Lithium	6-1	482705	470360	453761	468942	3.10	cps
Magnesium	24-2	20094640	20187395	20408699	20230245	0.80	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:34:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3851	3847	3624	3774	3.44	cps
Molybdenum	94-1	5526	5743	5535	5601	2.19	cps
Molybdenum	95-1	8103	7311	7869	7761	5.24	cps
Molybdenum	96-1	8870	9053	9437	9120	3.17	cps
Molybdenum	97-1	4901	5026	4884	4937	1.57	cps
Molybdenum	98-1	12681	12506	11622	12270	4.63	cps
Neodymium	150-1	100	73	100	91	16.89	cps
Neodymium	150-2	13	10	17	13	25.01	cps
Nickel	60-2	10751	10771	10668	10730	0.51	cps
Phosphorus	31-2	25	17	8	17	50.01	cps
Potassium	39-2	6660272	6673182	6669848	6667767	0.10	cps
Rhodium	103-1	3047827	2950178	3035495	3011167	1.77	cps
Rhodium	103-2	1270588	1290444	1265150	1275394	1.04	cps
Scandium	45-1	2807201	2822692	2831850	2820581	0.44	cps
Scandium	45-2	42411	43972	43012	43132	1.83	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	7	4	4	5	43.39	cps
Selenium	82-1	-64	-69	-27	-53	-43.80	cps
Silicon	28-1	567892	574368	571359	571206	0.57	cps
Silver	109-1	483	292	333	369	27.29	cps
Silver	107-1	1210	508	951	890	39.88	cps
Sodium	23-2	46982718	47231204	47571493	47261805	0.63	cps
Strontium	86-1	6785	6544	6602	6644	1.90	cps
Strontium	88-1	53163	51373	52644	52393	1.76	cps
Sulfur	34-1	460851	464590	461279	462240	0.44	cps
Terbium	159-1	3324836	3186258	3197473	3236189	2.38	cps
Terbium	159-2	1244751	1264136	1233026	1247305	1.26	cps
Thallium	203-1	1242	1108	1025	1125	9.72	cps
Thallium	205-1	3034	2684	2584	2767	8.54	cps
Tin	118-1	3109	2550	2717	2792	10.27	cps
Titanium	47-1	967	1275	1133	1125	13.72	cps
Uranium	238-1	358	467	342	389	17.45	cps
Vanadium	51-2	223	120	207	183	30.26	cps
Yttrium	89-1	3752536	3718471	3755308	3742105	0.55	cps
Yttrium	89-2	237811	241406	235590	238269	1.23	cps
Zinc	66-2	3464	3350	3421	3412	1.68	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:34:21	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2992	3117	3301	3137	4.95	cps
Zirconium	91-1	858	775	750	795	7.14	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 12:51:27 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5190	5142	4817	5050	4.02	cps
Antimony	121-1	799541	790612	780467	790207	1.21	cps
Arsenic	75-2	24218	24357	24789	24454	1.22	cps
Barium	135-1	79547	76002	77468	77673	2.29	cps
Barium	137-1	137754	136446	133115	135772	1.76	cps
Beryllium	9-1	78298	78080	77564	77981	0.48	cps
Bismuth	209-1	1655795	1759728	1741445	1718989	3.23	cps
Bismuth	209-2	881601	845597	862633	863277	2.09	cps
Boron	10-1	275	300	425	333	24.11	cps
Boron	11-1	1608	1709	1567	1628	4.47	cps
Cadmium	111-1	97263	96717	95252	96411	1.08	cps
Cadmium	106-1	9237	9679	9362	9426	2.42	cps
Cadmium	108-1	6218	6331	6393	6314	1.40	cps
Calcium	43-1	29939	29678	29524	29714	0.70	cps
Calcium	44-1	575983	576814	568990	573929	0.75	cps
Chromium	52-2	95764	96999	95876	96213	0.71	cps
Cobalt	59-2	186016	187979	187415	187137	0.54	cps
Copper	63-2	156028	155563	155179	155590	0.27	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	50	42	20.00	cps
Erbium	164-2	3	3	17	8	99.04	cps
Gadolinium	160-1	58	58	8	42	69.29	cps
Gadolinium	160-2	0	0	23	8	173.21	cps
Holmium	165-1	2968610	2994040	2927424	2963358	1.13	cps
Holmium	165-2	1230915	1177432	1196467	1201605	2.26	cps
Indium	115-1	3055413	3080042	3076646	3070700	0.43	cps
Indium	115-2	285484	269538	275521	276848	2.91	cps
Iron	56-2	687528	682152	693019	687566	0.79	cps
Iron	57-2	17528	17256	17445	17409	0.80	cps
Krypton	83-1	577	553	710	613	13.78	cps
Lead	206-1	359036	357965	356799	357933	0.31	cps
Lead	207-1	310834	315283	313179	313099	0.71	cps
Lead	208-1	1418257	1432912	1422717	1424628	0.53	cps
Lithium	6-1	451864	456978	461499	456781	1.06	cps
Magnesium	24-2	47079	47581	46787	47149	0.85	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:51:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31198	31045	30253	30832	1.65	cps
Molybdenum	94-1	208	283	267	253	15.58	cps
Molybdenum	95-1	208	233	267	236	12.39	cps
Molybdenum	96-1	308	200	417	308	35.14	cps
Molybdenum	97-1	308	350	408	356	14.13	cps
Molybdenum	98-1	292	317	442	350	22.96	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	55460	55617	54831	55303	0.75	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	57887	57158	54548	56531	3.11	cps
Rhodium	103-1	3180970	3272272	3268068	3240436	1.59	cps
Rhodium	103-2	1383964	1319407	1343293	1348888	2.42	cps
Scandium	45-1	2895168	2914407	2924933	2911503	0.52	cps
Scandium	45-2	43658	41334	42080	42357	2.80	cps
Selenium	77-2	220	197	253	223	12.75	cps
Selenium	78-2	693	672	670	678	1.82	cps
Selenium	82-1	15067	15125	14741	14977	1.38	cps
Silicon	28-1	374956	375274	386979	379070	1.81	cps
Silver	109-1	455790	452989	440987	449922	1.75	cps
Silver	107-1	477873	480951	472738	477187	0.87	cps
Sodium	23-2	197114	197527	197933	197525	0.21	cps
Strontium	86-1	4259	3517	3859	3879	9.57	cps
Strontium	88-1	26401	27253	25558	26404	3.21	cps
Sulfur	34-1	481095	478294	484338	481243	0.63	cps
Terbium	159-1	3144274	3198884	3145813	3162990	0.98	cps
Terbium	159-2	1259767	1199839	1228766	1229457	2.44	cps
Thallium	203-1	455086	449561	454026	452891	0.65	cps
Thallium	205-1	1063249	1063536	1092843	1073209	1.58	cps
Tin	118-1	225	267	392	294	29.46	cps
Titanium	47-1	250	183	217	217	15.39	cps
Uranium	238-1	258	225	292	258	12.90	cps
Vanadium	51-2	70085	69193	70362	69880	0.87	cps
Yttrium	89-1	3713495	3800216	3816553	3776755	1.47	cps
Yttrium	89-2	239260	229422	231830	233504	2.20	cps
Zinc	66-2	34019	34139	34142	34100	0.21	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 12:51:27	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	350	392	347	13.22	cps
Zirconium	91-1	158	175	183	172	7.39	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P8
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:17:37 DataFile Name : 017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	190	208	173	190	9.21	cps
Antimony	121-1	7352	7661	7311	7441	2.57	cps
Arsenic	75-2	119	148	115	127	14.37	cps
Barium	135-1	7261	7819	7502	7527	3.72	cps
Barium	137-1	12915	12632	13357	12968	2.82	cps
Beryllium	9-1	867	730	773	790	8.84	cps
Bismuth	209-1	1645149	1705615	1677888	1676217	1.81	cps
Bismuth	209-2	893058	902998	917807	904621	1.38	cps
Boron	10-1	2634	2734	2884	2750	4.58	cps
Boron	11-1	14049	14241	14458	14249	1.44	cps
Cadmium	111-1	1560	1408	1526	1498	5.32	cps
Cadmium	106-1	967	858	1067	964	10.81	cps
Cadmium	108-1	83	67	71	74	11.78	cps
Calcium	43-1	7322	7205	7285	7271	0.82	cps
Calcium	44-1	199752	200249	198249	199417	0.52	cps
Chromium	52-2	3557	3684	3691	3644	2.06	cps
Cobalt	59-2	1830	1620	1747	1732	6.11	cps
Copper	63-2	3207	3194	3007	3136	3.57	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	0	0	0	0	0.00	cps
Gadolinium	160-1	0	8	33	14	124.92	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	2854532	2957821	2878501	2896951	1.87	cps
Holmium	165-2	1229463	1244838	1260458	1244920	1.24	cps
Indium	115-1	2981096	3018523	2977222	2992280	0.76	cps
Indium	115-2	285884	286664	291494	288014	1.06	cps
Iron	56-2	38019	38921	38866	38602	1.31	cps
Iron	57-2	883	1028	978	963	7.62	cps
Krypton	83-1	627	650	500	592	13.63	cps
Lead	206-1	1806	2072	1878	1919	7.19	cps
Lead	207-1	1734	1778	1545	1685	7.35	cps
Lead	208-1	7523	7951	7584	7686	3.01	cps
Lithium	6-1	463357	470982	459589	464643	1.25	cps
Magnesium	24-2	19765	19305	19622	19564	1.20	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:17:37	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	373	397	433	401	7.54	cps
Molybdenum	94-1	8195	7786	8120	8033	2.71	cps
Molybdenum	95-1	9796	9771	9637	9734	0.87	cps
Molybdenum	96-1	10863	10688	10963	10838	1.29	cps
Molybdenum	97-1	6343	6435	5918	6232	4.43	cps
Molybdenum	98-1	14876	15393	15643	15304	2.56	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	670	640	640	650	2.66	cps
Phosphorus	31-2	92	42	100	78	40.56	cps
Potassium	39-2	18530	18137	18621	18429	1.39	cps
Rhodium	103-1	3138725	3158574	3077543	3124947	1.35	cps
Rhodium	103-2	1395853	1395395	1410016	1400422	0.59	cps
Scandium	45-1	2784014	2867546	2760189	2803916	2.01	cps
Scandium	45-2	42481	43410	43982	43291	1.75	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	35	19	22	25	34.59	cps
Selenium	82-1	220	257	399	292	32.24	cps
Silicon	28-1	399151	394875	395490	396505	0.58	cps
Silver	109-1	4526	4184	4243	4318	4.23	cps
Silver	107-1	4418	4893	4743	4684	5.19	cps
Sodium	23-2	55158	55811	55091	55353	0.72	cps
Strontium	86-1	1892	1917	2100	1970	5.78	cps
Strontium	88-1	10530	10213	10296	10346	1.59	cps
Sulfur	34-1	502126	505067	501309	502834	0.39	cps
Terbium	159-1	3124934	3196863	3090273	3137357	1.73	cps
Terbium	159-2	1275598	1274811	1296584	1282331	0.96	cps
Thallium	203-1	2492	2334	2000	2275	11.03	cps
Thallium	205-1	5385	5551	5668	5535	2.57	cps
Tin	118-1	13082	14208	13366	13552	4.32	cps
Titanium	47-1	3617	3626	3492	3578	2.09	cps
Uranium	238-1	6193	5885	5985	6021	2.61	cps
Vanadium	51-2	3487	3601	3370	3486	3.30	cps
Yttrium	89-1	3692407	3676912	3619379	3662900	1.05	cps
Yttrium	89-2	236842	243964	244213	241673	1.73	cps
Zinc	66-2	427	400	357	394	8.96	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:17:37	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6810	6769	6727	6769	0.62	cps
Zirconium	91-1	1567	1634	1659	1620	2.93	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:21:06 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	43	58	49	15.54	cps
Antimony	121-1	100	92	133	108	20.35	cps
Arsenic	75-2	6	6	7	6	17.29	cps
Barium	135-1	25	8	25	19	49.50	cps
Barium	137-1	33	25	17	25	33.32	cps
Beryllium	9-1	13	63	50	42	61.33	cps
Bismuth	209-1	1772254	1604331	1772425	1716337	5.65	cps
Bismuth	209-2	875980	878111	890783	881625	0.91	cps
Boron	10-1	100	192	158	150	30.93	cps
Boron	11-1	1008	958	942	970	3.58	cps
Cadmium	111-1	625	576	573	592	4.97	cps
Cadmium	106-1	892	792	833	839	5.99	cps
Cadmium	108-1	4	4	21	10	98.92	cps
Calcium	43-1	340	330	333	334	1.52	cps
Calcium	44-1	86735	85850	86128	86238	0.53	cps
Chromium	52-2	1777	1767	1800	1781	0.96	cps
Cobalt	59-2	117	123	123	121	3.18	cps
Copper	63-2	143	173	157	158	9.53	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	33	50	0	28	91.65	cps
Gadolinium	160-2	13	3	17	11	62.48	cps
Holmium	165-1	3071121	2790177	2985427	2948908	4.88	cps
Holmium	165-2	1206667	1203808	1230818	1213764	1.22	cps
Indium	115-1	3100575	2894570	3115741	3036962	4.07	cps
Indium	115-2	280824	278479	286777	282027	1.52	cps
Iron	56-2	4128	4340	4140	4203	2.83	cps
Iron	57-2	128	133	106	122	12.03	cps
Krypton	83-1	670	640	607	639	4.96	cps
Lead	206-1	156	239	228	207	21.82	cps
Lead	207-1	200	144	150	165	18.56	cps
Lead	208-1	822	783	878	828	5.73	cps
Lithium	6-1	478318	448047	475285	467217	3.57	cps
Magnesium	24-2	450	425	458	444	3.90	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:21:06 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	63	100	79	24.03	cps
Molybdenum	94-1	142	108	125	125	13.33	cps
Molybdenum	95-1	50	25	25	33	43.30	cps
Molybdenum	96-1	33	67	108	69	54.12	cps
Molybdenum	97-1	225	175	192	197	12.91	cps
Molybdenum	98-1	42	25	50	39	32.73	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	90	130	120	22.05	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	6310	6243	6360	6304	0.93	cps
Rhodium	103-1	3251967	3063110	3247484	3187520	3.38	cps
Rhodium	103-2	1362322	1354509	1408257	1375029	2.11	cps
Scandium	45-1	2972324	2679236	2900394	2850651	5.36	cps
Scandium	45-2	42762	41846	43858	42822	2.35	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-145	-55	-125	-108	-43.81	cps
Silicon	28-1	367492	366015	365518	366342	0.28	cps
Silver	109-1	25	33	42	33	25.01	cps
Silver	107-1	58	8	58	42	69.29	cps
Sodium	23-2	13524	13148	13006	13226	2.02	cps
Strontium	86-1	733	800	925	820	11.87	cps
Strontium	88-1	108	67	75	83	26.46	cps
Sulfur	34-1	504047	505320	508298	505888	0.43	cps
Terbium	159-1	3271049	3007342	3240120	3172837	4.54	cps
Terbium	159-2	1244336	1239456	1264389	1249394	1.06	cps
Thallium	203-1	208	267	200	225	16.14	cps
Thallium	205-1	625	692	583	633	8.63	cps
Tin	118-1	192	208	158	186	13.68	cps
Titanium	47-1	92	100	142	111	24.11	cps
Uranium	238-1	25	0	42	22	94.38	cps
Vanadium	51-2	20	37	20	26	37.66	cps
Yttrium	89-1	3824947	3572385	3787992	3728441	3.66	cps
Yttrium	89-2	232921	233037	242355	236104	2.29	cps
Zinc	66-2	103	80	73	86	18.42	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:21:06	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	192	225	225	214	9.00	cps
Zirconium	91-1	50	67	92	69	30.20	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:24:34	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	788131	780166	780874	783057	0.56	cps
Antimony	121-1	4409	4226	4326	4320	2.12	cps
Arsenic	75-2	43	43	41	42	2.54	cps
Barium	135-1	1042	1225	1067	1111	8.95	cps
Barium	137-1	1775	2042	1909	1909	6.99	cps
Beryllium	9-1	240	180	243	221	16.12	cps
Bismuth	209-1	1523264	1718651	1562354	1601423	6.46	cps
Bismuth	209-2	830377	824739	812595	822570	1.10	cps
Boron	10-1	283	317	233	278	15.10	cps
Boron	11-1	1275	1233	1050	1186	10.09	cps
Cadmium	111-1	1087	912	783	927	16.46	cps
Cadmium	106-1	917	892	883	897	1.93	cps
Cadmium	108-1	567	696	700	654	11.59	cps
Calcium	43-1	1410669	1424089	1438205	1424321	0.97	cps
Calcium	44-1	22614334	22456364	22609976	22560225	0.40	cps
Chromium	52-2	20135	19941	20232	20102	0.74	cps
Cobalt	59-2	1977	2030	2220	2076	6.16	cps
Copper	63-2	11658	11412	11685	11585	1.30	cps
Dysprosium	156-1	25	50	8	28	75.51	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	92	50	42	61	43.83	cps
Gadolinium	160-2	7	23	7	12	78.69	cps
Holmium	165-1	2827521	3086563	2934869	2949651	4.41	cps
Holmium	165-2	1206065	1195576	1187464	1196368	0.78	cps
Indium	115-1	2772807	3072711	2890444	2911987	5.19	cps
Indium	115-2	264611	270792	265520	266974	1.25	cps
Iron	56-2	64113404	62676021	63513590	63434338	1.14	cps
Iron	57-2	1637171	1605641	1614872	1619228	1.00	cps
Krypton	83-1	597	617	567	593	4.24	cps
Lead	206-1	10766	9965	10004	10245	4.41	cps
Lead	207-1	8803	8120	7691	8205	6.84	cps
Lead	208-1	40359	38135	37562	38685	3.82	cps
Lithium	6-1	420680	450187	411357	427408	4.74	cps
Magnesium	24-2	3659423	3686945	3586803	3644390	1.42	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:24:34	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2384	2300	2324	2336	1.84	cps
Molybdenum	94-1	2204770	2222209	2228366	2218448	0.55	cps
Molybdenum	95-1	3897330	3910523	3915522	3907792	0.24	cps
Molybdenum	96-1	4077731	4080918	4107253	4088634	0.40	cps
Molybdenum	97-1	2388804	2350400	2381312	2373505	0.86	cps
Molybdenum	98-1	6104755	6077845	6100834	6094478	0.24	cps
Neodymium	150-1	0	7	40	16	137.75	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	2724	2837	2790	2784	2.05	cps
Phosphorus	31-2	68953	69932	71674	70186	1.96	cps
Potassium	39-2	2387952	2368992	2390719	2382554	0.50	cps
Rhodium	103-1	2881924	3192856	3044162	3039647	5.12	cps
Rhodium	103-2	1286812	1316543	1276782	1293379	1.60	cps
Scandium	45-1	2678421	2946095	2771026	2798514	4.86	cps
Scandium	45-2	40896	41284	41043	41075	0.48	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	6	4	24.86	cps
Selenium	82-1	-60	-118	-28	-69	-66.17	cps
Silicon	28-1	457448	448623	450434	452168	1.03	cps
Silver	109-1	667	575	592	611	7.99	cps
Silver	107-1	575	625	692	631	9.28	cps
Sodium	23-2	8388570	8307877	8393385	8363277	0.57	cps
Strontium	86-1	43094	42567	42843	42835	0.61	cps
Strontium	88-1	368249	361428	366169	365282	0.96	cps
Sulfur	34-1	2139133	2071282	2082753	2097723	1.73	cps
Terbium	159-1	3038496	3288892	3083837	3137075	4.25	cps
Terbium	159-2	1231364	1237965	1214820	1228049	0.97	cps
Thallium	203-1	792	650	658	700	11.36	cps
Thallium	205-1	1817	1475	1475	1589	12.42	cps
Tin	118-1	717	608	683	669	8.29	cps
Titanium	47-1	1430523	1420422	1411278	1420741	0.68	cps
Uranium	238-1	108	150	175	144	23.32	cps
Vanadium	51-2	153	130	97	127	22.48	cps
Yttrium	89-1	3562365	3891599	3723495	3725820	4.42	cps
Yttrium	89-2	229346	234092	227480	230306	1.48	cps
Zinc	66-2	2250	2197	2200	2216	1.35	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:24:34	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	425	417	408	417	2.00	cps
Zirconium	91-1	108	125	58	97	35.68	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:27:56 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	764838	763155	750832	759608	1.01	cps
Antimony	121-1	82329	81784	81767	81960	0.39	cps
Arsenic	75-2	2341	2239	2354	2311	2.72	cps
Barium	135-1	16294	16286	16770	16450	1.68	cps
Barium	137-1	28524	29258	28047	28610	2.13	cps
Beryllium	9-1	14327	14020	13436	13928	3.25	cps
Bismuth	209-1	1527250	1531328	1527068	1528549	0.16	cps
Bismuth	209-2	808620	792271	796399	799097	1.06	cps
Boron	10-1	5618	5351	5618	5529	2.79	cps
Boron	11-1	27135	27761	26776	27224	1.83	cps
Cadmium	111-1	18822	19164	19386	19124	1.49	cps
Cadmium	106-1	3242	3659	3067	3323	9.15	cps
Cadmium	108-1	2050	2025	1934	2003	3.07	cps
Calcium	43-1	1418564	1392070	1425062	1411899	1.24	cps
Calcium	44-1	22391080	22363564	22241525	22332056	0.36	cps
Chromium	52-2	37039	37607	37440	37362	0.78	cps
Cobalt	59-2	36321	36645	37250	36739	1.28	cps
Copper	63-2	40225	40476	40549	40417	0.42	cps
Dysprosium	156-1	50	0	8	19	137.78	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	17	7	9	78.08	cps
Gadolinium	160-1	33	17	25	25	33.32	cps
Gadolinium	160-2	17	13	17	16	12.40	cps
Holmium	165-1	2783208	2821343	2811841	2805464	0.71	cps
Holmium	165-2	1175277	1163188	1148714	1162393	1.14	cps
Indium	115-1	2833950	2856928	2808474	2833118	0.86	cps
Indium	115-2	266026	260529	257090	261215	1.73	cps
Iron	56-2	62463861	61776362	62446813	62229012	0.63	cps
Iron	57-2	1608832	1575129	1591007	1591656	1.06	cps
Krypton	83-1	550	667	573	597	10.35	cps
Lead	206-1	42890	42143	42923	42652	1.03	cps
Lead	207-1	35695	36174	35032	35634	1.61	cps
Lead	208-1	165705	165442	163810	164986	0.62	cps
Lithium	6-1	369621	371515	365688	368942	0.81	cps
Magnesium	24-2	3597382	3539441	3591670	3576164	0.89	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:27:56	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7942	7906	8276	8041	2.54	cps
Molybdenum	94-1	2359692	2387110	2344454	2363752	0.91	cps
Molybdenum	95-1	3967041	3967805	3989806	3974884	0.33	cps
Molybdenum	96-1	4130106	4199755	4193508	4174456	0.92	cps
Molybdenum	97-1	2410665	2411386	2396938	2406330	0.34	cps
Molybdenum	98-1	6154990	6156050	6213295	6174779	0.54	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	12406	13180	12749	12778	3.04	cps
Phosphorus	31-2	68048	67771	68851	68223	0.82	cps
Potassium	39-2	2343345	2341503	2339452	2341434	0.08	cps
Rhodium	103-1	2909114	2969354	2890218	2922895	1.41	cps
Rhodium	103-2	1293950	1267994	1259906	1273950	1.40	cps
Scandium	45-1	2695442	2726870	2664215	2695509	1.16	cps
Scandium	45-2	41097	41201	39730	40676	2.02	cps
Selenium	77-2	30	20	23	24	20.83	cps
Selenium	78-2	76	69	59	68	12.30	cps
Selenium	82-1	1276	1193	1431	1300	9.28	cps
Silicon	28-1	585450	582735	585231	584472	0.26	cps
Silver	109-1	80893	81010	80608	80837	0.26	cps
Silver	107-1	86603	84725	87163	86164	1.48	cps
Sodium	23-2	8314407	8288864	8231014	8278095	0.52	cps
Strontium	86-1	105129	106018	106504	105884	0.66	cps
Strontium	88-1	891416	895080	895966	894154	0.27	cps
Sulfur	34-1	2029769	2001422	1991381	2007524	0.99	cps
Terbium	159-1	3026105	3027249	3015072	3022809	0.22	cps
Terbium	159-2	1217960	1185238	1190289	1197829	1.47	cps
Thallium	203-1	42297	42489	40892	41892	2.08	cps
Thallium	205-1	98943	99229	101421	99864	1.36	cps
Tin	118-1	130077	131957	131274	131103	0.73	cps
Titanium	47-1	1440403	1449168	1427967	1439179	0.74	cps
Uranium	238-1	311838	305676	309882	309132	1.02	cps
Vanadium	51-2	12899	13090	13196	13062	1.15	cps
Yttrium	89-1	3575088	3614776	3590818	3593561	0.56	cps
Yttrium	89-2	231340	224132	225768	227080	1.66	cps
Zinc	66-2	5588	5158	5271	5339	4.18	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:27:56	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	341600	336813	343572	340662	1.02	cps
Zirconium	91-1	75560	74589	76675	75608	1.38	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:31:17	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	464694	463514	460913	463041	0.42	cps
Antimony	121-1	2091425	2056013	2049394	2065611	1.09	cps
Arsenic	75-2	61287	61917	60859	61355	0.87	cps
Barium	135-1	2045231	2055873	2050194	2050433	0.26	cps
Barium	137-1	3565093	3504607	3539972	3536557	0.86	cps
Beryllium	9-1	359034	356923	360619	358859	0.52	cps
Bismuth	209-1	1508138	1555944	1565837	1543306	2.00	cps
Bismuth	209-2	811401	770802	792403	791535	2.57	cps
Boron	10-1	50130	51903	51853	51295	1.97	cps
Boron	11-1	257507	265348	266535	263130	1.86	cps
Cadmium	111-1	472382	467738	470257	470126	0.49	cps
Cadmium	106-1	49759	49844	49082	49562	0.84	cps
Cadmium	108-1	33864	33947	33308	33706	1.03	cps
Calcium	43-1	3513833	3530949	3566077	3536953	0.75	cps
Calcium	44-1	56120209	56486472	56811452	56472711	0.61	cps
Chromium	52-2	480897	489516	480462	483625	1.06	cps
Cobalt	59-2	900185	906104	904018	903436	0.33	cps
Copper	63-2	1457783	1476004	1445893	1459893	1.04	cps
Dysprosium	156-1	58	25	33	39	44.62	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	10	13	3	9	57.30	cps
Gadolinium	160-1	0	67	67	44	86.60	cps
Gadolinium	160-2	13	23	3	13	75.02	cps
Holmium	165-1	2787320	2903390	2908617	2866442	2.39	cps
Holmium	165-2	1205249	1131180	1178338	1171589	3.20	cps
Indium	115-1	2813083	2893247	2900589	2868973	1.69	cps
Indium	115-2	262017	252380	258286	257561	1.89	cps
Iron	56-2	82239677	82901535	82025957	82389056	0.55	cps
Iron	57-2	2102180	2118800	2083474	2101485	0.84	cps
Krypton	83-1	623	593	587	601	3.25	cps
Lead	206-1	867519	857425	851668	858871	0.93	cps
Lead	207-1	776886	772149	774475	774503	0.31	cps
Lead	208-1	3587581	3521620	3550357	3553186	0.93	cps
Lithium	6-1	363954	368919	372262	368378	1.13	cps
Magnesium	24-2	9508515	9465308	9446968	9473597	0.33	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:31:17	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	306972	306921	304674	306189	0.43	cps
Molybdenum	94-1	4187631	4149868	4156103	4164534	0.49	cps
Molybdenum	95-1	5261586	5169378	5157148	5196037	1.10	cps
Molybdenum	96-1	5647569	5599080	5619798	5622149	0.43	cps
Molybdenum	97-1	3152426	3160950	3149074	3154150	0.19	cps
Molybdenum	98-1	8143663	8115555	8092209	8117142	0.32	cps
Neodymium	150-1	127	147	53	109	45.13	cps
Neodymium	150-2	13	17	7	12	41.65	cps
Nickel	60-2	263976	266041	262591	264203	0.66	cps
Phosphorus	31-2	6902	7736	7177	7272	5.84	cps
Potassium	39-2	3090268	3096125	3053875	3080089	0.74	cps
Rhodium	103-1	2848460	2932524	2958969	2913318	1.98	cps
Rhodium	103-2	1287820	1219502	1263045	1256789	2.75	cps
Scandium	45-1	2647951	2772295	2770295	2730180	2.61	cps
Scandium	45-2	42859	40475	42591	41975	3.11	cps
Selenium	77-2	507	527	503	512	2.46	cps
Selenium	78-2	1676	1678	1643	1666	1.19	cps
Selenium	82-1	36908	36429	36101	36479	1.11	cps
Silicon	28-1	1853630	1861918	1908663	1874737	1.58	cps
Silver	109-1	2259944	2248781	2263331	2257352	0.34	cps
Silver	107-1	2357499	2342525	2365805	2355276	0.50	cps
Sodium	23-2	21549085	21804193	21532484	21628587	0.70	cps
Strontium	86-1	654423	651889	647078	651130	0.57	cps
Strontium	88-1	5681064	5644811	5683554	5669809	0.38	cps
Sulfur	34-1	613984	626422	633747	624718	1.60	cps
Terbium	159-1	2990707	3127147	3132973	3083609	2.61	cps
Terbium	159-2	1214973	1161180	1209492	1195215	2.48	cps
Thallium	203-1	1079822	1063450	1059007	1067427	1.03	cps
Thallium	205-1	2576390	2577837	2572196	2575474	0.11	cps
Tin	118-1	1417107	1409060	1409331	1411833	0.32	cps
Titanium	47-1	1869496	1860410	1862736	1864214	0.25	cps
Uranium	238-1	3333965	3283271	3288286	3301841	0.85	cps
Vanadium	51-2	355961	357770	354739	356157	0.43	cps
Yttrium	89-1	3591778	3700537	3687157	3659824	1.62	cps
Yttrium	89-2	233574	221973	227417	227655	2.55	cps
Zinc	66-2	162825	163993	162040	162953	0.60	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV27	Instrumnet Name :	P8
Client Sample ID :	CCV27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:31:17	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3560580	3540378	3552350	3551103	0.29	cps
Zirconium	91-1	779615	774659	772377	775550	0.48	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : CCB27 Instrumnet Name : P8
 Client Sample ID : CCB27 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:36:44 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	68	50	68	25.93	cps
Antimony	121-1	517	675	700	631	15.77	cps
Arsenic	75-2	11	7	6	8	35.21	cps
Barium	135-1	17	17	8	14	34.67	cps
Barium	137-1	50	42	67	53	24.12	cps
Beryllium	9-1	40	50	70	53	28.64	cps
Bismuth	209-1	1596800	1572982	1557674	1575819	1.25	cps
Bismuth	209-2	810994	817148	798451	808864	1.18	cps
Boron	10-1	283	367	350	333	13.23	cps
Boron	11-1	1759	1759	1734	1750	0.83	cps
Cadmium	111-1	560	602	569	577	3.81	cps
Cadmium	106-1	775	817	792	795	2.64	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	350	340	287	326	10.46	cps
Calcium	44-1	89992	90472	89244	89903	0.69	cps
Chromium	52-2	1853	1803	1997	1885	5.33	cps
Cobalt	59-2	70	133	80	94	36.05	cps
Copper	63-2	263	260	230	251	7.31	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	50	0	25	100.00	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	33	8	25	22	57.29	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	2817934	2816733	2789831	2808166	0.57	cps
Holmium	165-2	1124440	1150276	1099472	1124729	2.26	cps
Indium	115-1	2965874	2916409	2853081	2911788	1.94	cps
Indium	115-2	259880	267824	256614	261439	2.21	cps
Iron	56-2	5301	5535	5368	5401	2.23	cps
Iron	57-2	183	122	133	146	22.25	cps
Krypton	83-1	617	563	553	578	5.89	cps
Lead	206-1	428	383	483	432	11.61	cps
Lead	207-1	367	456	294	372	21.68	cps
Lead	208-1	1600	1633	1728	1654	4.01	cps
Lithium	6-1	372072	373222	371797	372364	0.20	cps
Magnesium	24-2	550	575	500	542	7.05	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:36:44	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	110	143	124	13.75	cps
Molybdenum	94-1	233	317	250	267	16.54	cps
Molybdenum	95-1	308	225	300	278	16.52	cps
Molybdenum	96-1	233	233	358	275	26.24	cps
Molybdenum	97-1	292	300	367	319	12.87	cps
Molybdenum	98-1	492	408	475	458	9.62	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	127	70	113	103	28.67	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	7202	6860	6802	6955	3.11	cps
Rhodium	103-1	3111753	3027461	2954962	3031392	2.59	cps
Rhodium	103-2	1288511	1329426	1277091	1298343	2.12	cps
Scandium	45-1	2760079	2667912	2679480	2702490	1.86	cps
Scandium	45-2	40278	40445	38951	39891	2.05	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-106	-55	-6	-56	-89.22	cps
Silicon	28-1	324590	327921	325209	325907	0.54	cps
Silver	109-1	92	108	133	111	18.88	cps
Silver	107-1	167	100	142	136	24.75	cps
Sodium	23-2	19164	19998	20115	19759	2.63	cps
Strontium	86-1	733	900	850	828	10.33	cps
Strontium	88-1	75	92	100	89	14.33	cps
Sulfur	34-1	428011	431169	425826	428335	0.63	cps
Terbium	159-1	3056596	3040228	2963060	3019961	1.65	cps
Terbium	159-2	1156811	1179941	1140474	1159075	1.71	cps
Thallium	203-1	317	433	292	347	21.78	cps
Thallium	205-1	983	1017	842	947	9.81	cps
Tin	118-1	233	258	167	219	21.59	cps
Titanium	47-1	175	200	192	189	6.74	cps
Uranium	238-1	42	25	42	36	26.65	cps
Vanadium	51-2	23	30	20	24	20.83	cps
Yttrium	89-1	3609222	3622425	3510767	3580805	1.70	cps
Yttrium	89-2	221700	225867	217163	221577	1.96	cps
Zinc	66-2	83	97	130	103	23.26	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCB27	Instrumnet Name :	P8
Client Sample ID :	CCB27	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:36:44	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	358	217	300	292	24.41	cps
Zirconium	91-1	75	50	67	64	19.92	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:40:12 DataFile Name : 023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	188	208	198	5.10	cps
Antimony	121-1	7361	7427	7094	7294	2.42	cps
Arsenic	75-2	130	119	89	112	18.75	cps
Barium	135-1	7711	7636	7861	7736	1.48	cps
Barium	137-1	12640	12557	12657	12618	0.42	cps
Beryllium	9-1	643	693	720	686	5.68	cps
Bismuth	209-1	1657199	1572229	1622071	1617166	2.64	cps
Bismuth	209-2	832318	826782	787329	815476	3.01	cps
Boron	10-1	2300	2600	2459	2453	6.12	cps
Boron	11-1	11930	12940	13182	12684	5.23	cps
Cadmium	111-1	1469	1535	1627	1544	5.14	cps
Cadmium	106-1	1025	983	1075	1028	4.47	cps
Cadmium	108-1	75	58	54	63	17.64	cps
Calcium	43-1	7012	7099	6752	6954	2.60	cps
Calcium	44-1	194102	194449	195054	194535	0.25	cps
Chromium	52-2	3617	3480	3637	3578	2.38	cps
Cobalt	59-2	1897	1757	1720	1791	5.21	cps
Copper	63-2	2840	2877	3014	2910	3.14	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	8	50	31	68.64	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	2829220	2780059	2849510	2819597	1.27	cps
Holmium	165-2	1173511	1152390	1102871	1142924	3.17	cps
Indium	115-1	2881016	2833369	2949293	2887893	2.02	cps
Indium	115-2	270471	265664	252401	262846	3.56	cps
Iron	56-2	36576	37351	37958	37295	1.86	cps
Iron	57-2	1028	956	889	957	7.26	cps
Krypton	83-1	647	523	563	578	10.89	cps
Lead	206-1	1695	1778	1917	1796	6.25	cps
Lead	207-1	1606	1761	1745	1704	5.01	cps
Lead	208-1	7173	7357	7796	7442	4.30	cps
Lithium	6-1	381422	372099	383086	378869	1.56	cps
Magnesium	24-2	18713	18913	18162	18596	2.09	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:40:12	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	370	440	430	413	9.16	cps
Molybdenum	94-1	7969	7494	8336	7933	5.32	cps
Molybdenum	95-1	9329	9337	10204	9623	5.23	cps
Molybdenum	96-1	11264	10922	10938	11041	1.75	cps
Molybdenum	97-1	5835	6218	6085	6046	3.22	cps
Molybdenum	98-1	14767	15451	15209	15142	2.29	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	540	637	690	622	12.22	cps
Phosphorus	31-2	58	67	92	72	24.02	cps
Potassium	39-2	19055	17920	17954	18310	3.53	cps
Rhodium	103-1	3091200	3021290	3094638	3069042	1.35	cps
Rhodium	103-2	1333543	1316477	1251092	1300370	3.35	cps
Scandium	45-1	2735355	2619975	2742799	2699376	2.55	cps
Scandium	45-2	40893	40642	39191	40242	2.28	cps
Selenium	77-2	7	10	7	8	24.71	cps
Selenium	78-2	19	11	19	16	26.66	cps
Selenium	82-1	114	347	259	240	49.09	cps
Silicon	28-1	355993	358009	354953	356318	0.44	cps
Silver	109-1	4276	4359	4251	4295	1.32	cps
Silver	107-1	4851	4509	4734	4698	3.70	cps
Sodium	23-2	59349	58354	58321	58675	1.00	cps
Strontium	86-1	1850	1909	1750	1836	4.36	cps
Strontium	88-1	9671	9921	9520	9704	2.08	cps
Sulfur	34-1	437538	435639	438523	437233	0.34	cps
Terbium	159-1	3048246	2969549	3089920	3035905	2.01	cps
Terbium	159-2	1191312	1176441	1128002	1165252	2.84	cps
Thallium	203-1	2234	2042	1984	2086	6.27	cps
Thallium	205-1	5235	5243	5485	5321	2.67	cps
Tin	118-1	13140	13332	13174	13215	0.78	cps
Titanium	47-1	3451	3559	3592	3534	2.10	cps
Uranium	238-1	5343	5835	5577	5585	4.41	cps
Vanadium	51-2	3384	3501	3170	3352	4.99	cps
Yttrium	89-1	3586959	3558790	3662965	3602905	1.50	cps
Yttrium	89-2	227160	225582	214129	222290	3.20	cps
Zinc	66-2	390	383	343	372	6.78	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:40:12	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6227	6627	6293	6382	3.36	cps
Zirconium	91-1	1333	1475	1492	1433	6.07	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : PB116346BL Instrumnet Name : P8
 Client Sample ID : PB116346BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 13:43:40 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85	45	65	65	30.77	cps
Antimony	121-1	83	158	183	142	36.73	cps
Arsenic	75-2	6	6	6	6	0.00	cps
Barium	135-1	8	0	50	19	137.78	cps
Barium	137-1	58	42	50	50	16.67	cps
Beryllium	9-1	27	43	47	39	27.55	cps
Bismuth	209-1	1581619	1555906	1525914	1554480	1.79	cps
Bismuth	209-2	824198	813980	813448	817209	0.74	cps
Boron	10-1	308	150	158	206	43.35	cps
Boron	11-1	1142	1283	1267	1231	6.29	cps
Cadmium	111-1	710	500	643	617	17.34	cps
Cadmium	106-1	1017	717	908	881	17.25	cps
Cadmium	108-1	21	8	8	12	57.75	cps
Calcium	43-1	280	300	270	283	5.39	cps
Calcium	44-1	87369	85571	85310	86083	1.30	cps
Chromium	52-2	1863	2034	1990	1962	4.50	cps
Cobalt	59-2	90	107	107	101	9.52	cps
Copper	63-2	243	140	157	180	30.82	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	8	33	17	19	65.47	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	8	92	17	39	118.02	cps
Gadolinium	160-2	10	0	3	4	114.60	cps
Holmium	165-1	2837650	2752941	2713562	2768051	2.29	cps
Holmium	165-2	1158668	1136365	1130197	1141743	1.31	cps
Indium	115-1	2904681	2858433	2781795	2848303	2.18	cps
Indium	115-2	267033	265549	259861	264148	1.43	cps
Iron	56-2	4845	4645	4295	4595	6.06	cps
Iron	57-2	150	117	172	146	19.11	cps
Krypton	83-1	493	587	600	560	10.38	cps
Lead	206-1	294	306	278	293	4.78	cps
Lead	207-1	306	306	278	296	5.41	cps
Lead	208-1	1289	1239	1178	1235	4.51	cps
Lithium	6-1	376143	374310	370580	373678	0.76	cps
Magnesium	24-2	458	358	317	378	19.27	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	PB116346BL	Instrumnet Name :	P8
Client Sample ID :	PB116346BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:43:40	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	127	107	116	8.81	cps
Molybdenum	94-1	150	167	100	139	24.98	cps
Molybdenum	95-1	75	67	92	78	16.37	cps
Molybdenum	96-1	75	75	83	78	6.19	cps
Molybdenum	97-1	217	208	292	239	19.21	cps
Molybdenum	98-1	75	92	75	81	11.95	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	130	87	107	108	20.12	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	6477	6635	6402	6505	1.83	cps
Rhodium	103-1	3056162	2971828	2935662	2987884	2.07	cps
Rhodium	103-2	1316997	1306268	1292512	1305259	0.94	cps
Scandium	45-1	2738984	2657133	2621370	2672496	2.26	cps
Scandium	45-2	41117	39980	39753	40283	1.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	2	4	4	50.09	cps
Selenium	82-1	-9	-82	-105	-65	-76.26	cps
Silicon	28-1	326769	325045	326394	326069	0.28	cps
Silver	109-1	67	42	50	53	24.12	cps
Silver	107-1	75	33	67	58	37.80	cps
Sodium	23-2	16852	16769	17178	16933	1.28	cps
Strontium	86-1	667	733	633	678	7.51	cps
Strontium	88-1	92	133	92	106	22.79	cps
Sulfur	34-1	442544	443594	440855	442331	0.31	cps
Terbium	159-1	3031344	3011747	2928421	2990504	1.83	cps
Terbium	159-2	1184912	1168556	1157360	1170276	1.18	cps
Thallium	203-1	208	267	333	269	23.21	cps
Thallium	205-1	592	558	733	628	14.80	cps
Tin	118-1	183	258	250	231	17.83	cps
Titanium	47-1	92	142	142	125	23.09	cps
Uranium	238-1	8	25	17	17	50.01	cps
Vanadium	51-2	20	23	17	20	16.65	cps
Yttrium	89-1	3596568	3556880	3410922	3521456	2.78	cps
Yttrium	89-2	226632	224417	220610	223886	1.36	cps
Zinc	66-2	60	63	57	60	5.55	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	PB116346BL	Instrumnet Name :	P8
Client Sample ID :	PB116346BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:43:40	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	192	275	233	233	17.86	cps
Zirconium	91-1	50	83	50	61	31.50	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	PB116346BS	Instrumnet Name :	P8
Client Sample ID :	PB116346BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:47:09	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89943	89629	88554	89376	0.81	cps
Antimony	121-1	2112714	2102073	2097253	2104013	0.38	cps
Arsenic	75-2	61291	60638	60906	60945	0.54	cps
Barium	135-1	2032027	2024724	2062993	2039915	1.00	cps
Barium	137-1	3524036	3581199	3572892	3559376	0.87	cps
Beryllium	9-1	377987	378721	379731	378813	0.23	cps
Bismuth	209-1	1551104	1813731	1646913	1670582	7.96	cps
Bismuth	209-2	859087	880543	884265	874632	1.55	cps
Boron	10-1	51636	53409	54546	53197	2.76	cps
Boron	11-1	264287	273308	276632	271409	2.35	cps
Cadmium	111-1	480584	481663	480538	480929	0.13	cps
Cadmium	106-1	50763	51818	51265	51282	1.03	cps
Cadmium	108-1	34666	35581	34616	34954	1.55	cps
Calcium	43-1	730752	721916	727873	726847	0.62	cps
Calcium	44-1	11803044	11731523	11855357	11796641	0.53	cps
Chromium	52-2	481990	476684	473403	477359	0.91	cps
Cobalt	59-2	907008	905133	903100	905080	0.22	cps
Copper	63-2	1496605	1494129	1489453	1493396	0.24	cps
Dysprosium	156-1	25	50	17	31	56.77	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	13	3	13	10	57.75	cps
Gadolinium	160-1	42	42	42	42	0.00	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	2813941	3146935	2937499	2966125	5.68	cps
Holmium	165-2	1209625	1248517	1248482	1235541	1.82	cps
Indium	115-1	2778945	3153543	2889507	2940665	6.55	cps
Indium	115-2	269073	276689	274581	273448	1.44	cps
Iron	56-2	16939331	16751998	16806238	16832522	0.57	cps
Iron	57-2	420574	418212	417229	418671	0.41	cps
Krypton	83-1	517	587	577	560	6.76	cps
Lead	206-1	884992	891017	892172	889394	0.43	cps
Lead	207-1	804216	802392	799074	801894	0.33	cps
Lead	208-1	3717548	3692601	3686353	3698834	0.45	cps
Lithium	6-1	392364	436398	408594	412452	5.40	cps
Magnesium	24-2	2048802	2052862	2053844	2051836	0.13	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	PB116346BS	Instrumnet Name :	P8
Client Sample ID :	PB116346BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:47:09	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	306127	307415	304244	305928	0.52	cps
Molybdenum	94-1	4163263	4134234	4106788	4134762	0.68	cps
Molybdenum	95-1	5189434	5217604	5190902	5199314	0.30	cps
Molybdenum	96-1	5605150	5575883	5585357	5588796	0.27	cps
Molybdenum	97-1	3125771	3146707	3105653	3126044	0.66	cps
Molybdenum	98-1	8043884	8143623	8048409	8078639	0.70	cps
Neodymium	150-1	120	87	67	91	29.57	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	266240	263676	264448	264788	0.50	cps
Phosphorus	31-2	7561	7269	7077	7302	3.33	cps
Potassium	39-2	613908	619963	612180	615350	0.66	cps
Rhodium	103-1	2877006	3271329	2965813	3038049	6.81	cps
Rhodium	103-2	1303843	1349552	1345297	1332898	1.89	cps
Scandium	45-1	2687226	2964300	2744025	2798517	5.23	cps
Scandium	45-2	41729	43695	42137	42520	2.44	cps
Selenium	77-2	587	467	440	498	15.69	cps
Selenium	78-2	1650	1646	1656	1651	0.28	cps
Selenium	82-1	36925	36387	36534	36615	0.76	cps
Silicon	28-1	1813239	1851892	1837730	1834287	1.07	cps
Silver	109-1	2322174	2340897	2329236	2330769	0.41	cps
Silver	107-1	2429683	2447205	2420970	2432619	0.55	cps
Sodium	23-2	4487709	4453627	4465587	4468975	0.39	cps
Strontium	86-1	650117	645240	648269	647875	0.38	cps
Strontium	88-1	5649423	5552569	5579995	5593996	0.89	cps
Sulfur	34-1	669286	664559	658493	664113	0.81	cps
Terbium	159-1	3006487	3385732	3150193	3180804	6.02	cps
Terbium	159-2	1231196	1277927	1279869	1262997	2.18	cps
Thallium	203-1	1108315	1105192	1121282	1111596	0.77	cps
Thallium	205-1	2673604	2701079	2715973	2696885	0.80	cps
Tin	118-1	1420546	1415763	1421532	1419281	0.22	cps
Titanium	47-1	1855186	1851080	1864759	1857008	0.38	cps
Uranium	238-1	3418264	3387973	3387476	3397904	0.52	cps
Vanadium	51-2	350912	352250	349043	350735	0.46	cps
Yttrium	89-1	3529181	3935645	3620907	3695244	5.77	cps
Yttrium	89-2	229408	236875	237253	234512	1.89	cps
Zinc	66-2	165577	164553	165322	165151	0.32	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	PB116346BS	Instrumnet Name :	P8
Client Sample ID :	PB116346BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:47:09	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3480608	3469989	3509999	3486865	0.59	cps
Zirconium	91-1	768291	756220	761330	761947	0.80	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01	Instrumnet Name :	P8
Client Sample ID :	381220006	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:50:30	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	620	475	573	556	13.30	cps
Antimony	121-1	1058	1058	975	1031	4.67	cps
Arsenic	75-2	6	13	7	9	44.56	cps
Barium	135-1	1133	1058	1067	1086	3.78	cps
Barium	137-1	1759	1967	2084	1936	8.50	cps
Beryllium	9-1	73	33	50	52	38.48	cps
Bismuth	209-1	1641820	1757761	1728783	1709455	3.53	cps
Bismuth	209-2	812918	712535	766169	763874	6.58	cps
Boron	10-1	1625	1575	1500	1567	4.02	cps
Boron	11-1	8886	8461	8244	8531	3.83	cps
Cadmium	111-1	617	643	635	632	2.12	cps
Cadmium	106-1	825	883	842	850	3.53	cps
Cadmium	108-1	21	42	13	25	60.10	cps
Calcium	43-1	2967	2894	2677	2846	5.30	cps
Calcium	44-1	126314	123382	121186	123627	2.08	cps
Chromium	52-2	1904	1860	2200	1988	9.31	cps
Cobalt	59-2	87	117	110	104	15.08	cps
Copper	63-2	2490	2164	2120	2258	8.96	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	75	17	58	50	60.09	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	2963524	3116906	3032489	3037640	2.53	cps
Holmium	165-2	1154217	1009575	1079736	1081176	6.69	cps
Indium	115-1	3008499	3123711	3154324	3095511	2.48	cps
Indium	115-2	261490	231952	245524	246322	6.00	cps
Iron	56-2	6413	6168	6001	6194	3.34	cps
Iron	57-2	194	150	139	161	18.25	cps
Krypton	83-1	620	503	560	561	10.40	cps
Lead	206-1	772	711	633	706	9.87	cps
Lead	207-1	800	633	500	644	23.32	cps
Lead	208-1	3189	2906	2495	2863	12.20	cps
Lithium	6-1	363456	373114	365790	367453	1.37	cps
Magnesium	24-2	2692	1925	2409	2342	16.56	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01	Instrumnet Name :	P8
Client Sample ID :	381220006	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:50:30	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150	130	180	153	16.41	cps
Molybdenum	94-1	308	383	350	347	10.82	cps
Molybdenum	95-1	508	375	392	425	17.09	cps
Molybdenum	96-1	517	358	417	431	18.60	cps
Molybdenum	97-1	458	500	425	461	8.15	cps
Molybdenum	98-1	592	592	567	583	2.47	cps
Neodymium	150-1	7	27	0	11	124.89	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	137	147	110	131	14.46	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	7277	6769	6735	6927	4.38	cps
Rhodium	103-1	3097392	3306844	3273804	3226013	3.49	cps
Rhodium	103-2	1336100	1176618	1246064	1252927	6.38	cps
Scandium	45-1	2699079	2842149	2836983	2792737	2.91	cps
Scandium	45-2	39720	35191	37032	37314	6.10	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	0	4	3	91.69	cps
Selenium	82-1	-158	-69	-133	-120	-38.45	cps
Silicon	28-1	307903	296467	295468	299946	2.30	cps
Silver	109-1	3192	3142	3076	3137	1.87	cps
Silver	107-1	3276	3334	3392	3334	1.75	cps
Sodium	23-2	24589	23695	24722	24336	2.29	cps
Strontium	86-1	1725	1725	1575	1675	5.17	cps
Strontium	88-1	8078	8520	7627	8075	5.52	cps
Sulfur	34-1	378871	376313	372028	375737	0.92	cps
Terbium	159-1	3114799	3372689	3259385	3248958	3.98	cps
Terbium	159-2	1177549	1034533	1101878	1104653	6.48	cps
Thallium	203-1	1925	1383	1075	1461	29.45	cps
Thallium	205-1	4451	3592	2842	3628	22.19	cps
Tin	118-1	967	917	750	878	12.92	cps
Titanium	47-1	258	283	333	292	13.09	cps
Uranium	238-1	92	42	50	61	43.83	cps
Vanadium	51-2	60	57	80	66	19.25	cps
Yttrium	89-1	3669282	3882069	3839071	3796807	2.96	cps
Yttrium	89-2	222654	196073	205358	208029	6.48	cps
Zinc	66-2	18256	15986	17144	17129	6.63	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01	Instrumnet Name :	P8
Client Sample ID :	381220006	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:50:30	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	300	267	392	319	20.26	cps
Zirconium	91-1	108	125	108	114	8.45	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220006DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:53:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	563	585	513	553	6.71	cps
Antimony	121-1	492	592	483	522	11.54	cps
Arsenic	75-2	6	9	9	8	26.61	cps
Barium	135-1	1042	1025	1283	1117	12.95	cps
Barium	137-1	1667	1800	1659	1709	4.65	cps
Beryllium	9-1	53	50	37	47	18.89	cps
Bismuth	209-1	1545990	1684298	1522156	1584148	5.53	cps
Bismuth	209-2	764376	765255	762585	764072	0.18	cps
Boron	10-1	1175	1342	1267	1261	6.62	cps
Boron	11-1	6685	6318	6418	6474	2.93	cps
Cadmium	111-1	539	580	548	556	3.84	cps
Cadmium	106-1	758	817	783	786	3.72	cps
Cadmium	108-1	13	13	42	22	75.78	cps
Calcium	43-1	2684	2587	2537	2603	2.87	cps
Calcium	44-1	109642	109176	107946	108922	0.80	cps
Chromium	52-2	2064	1964	2000	2009	2.52	cps
Cobalt	59-2	103	90	110	101	10.07	cps
Copper	63-2	2150	2134	1957	2080	5.15	cps
Dysprosium	156-1	42	8	0	17	132.30	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	50	17	25	31	56.77	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	33	50	8	31	68.64	cps
Gadolinium	160-2	0	7	13	7	99.98	cps
Holmium	165-1	2732348	2942585	2802210	2825714	3.79	cps
Holmium	165-2	1080063	1092288	1073076	1081809	0.90	cps
Indium	115-1	2803992	3069539	2846404	2906645	4.91	cps
Indium	115-2	246425	244149	245220	245265	0.46	cps
Iron	56-2	6229	6035	6218	6161	1.77	cps
Iron	57-2	172	117	189	159	23.75	cps
Krypton	83-1	583	640	537	587	8.82	cps
Lead	206-1	478	600	494	524	12.65	cps
Lead	207-1	389	500	333	407	20.83	cps
Lead	208-1	1889	2222	1867	1993	10.00	cps
Lithium	6-1	309884	320965	297780	309543	3.75	cps
Magnesium	24-2	2217	2325	2525	2356	6.64	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220006DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:53:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	130	113	130	124	7.73	cps
Molybdenum	94-1	192	142	192	175	16.50	cps
Molybdenum	95-1	83	133	92	103	26.06	cps
Molybdenum	96-1	158	117	125	133	16.54	cps
Molybdenum	97-1	283	317	275	292	7.56	cps
Molybdenum	98-1	217	158	200	192	15.68	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	0	17	10	9	94.38	cps
Nickel	60-2	147	127	160	144	11.61	cps
Phosphorus	31-2	8	33	0	14	124.91	cps
Potassium	39-2	5977	6077	6185	6079	1.72	cps
Rhodium	103-1	2926488	3095021	2926695	2982735	3.26	cps
Rhodium	103-2	1254325	1260402	1253855	1256194	0.29	cps
Scandium	45-1	2430952	2652765	2428969	2504228	5.14	cps
Scandium	45-2	37774	37143	37567	37495	0.86	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-148	-180	-105	-144	-26.13	cps
Silicon	28-1	274167	274355	266840	271788	1.58	cps
Silver	109-1	2250	2350	2250	2284	2.53	cps
Silver	107-1	2334	2634	2600	2523	6.52	cps
Sodium	23-2	22218	22535	22811	22521	1.32	cps
Strontium	86-1	1842	1767	1784	1797	2.19	cps
Strontium	88-1	6952	7794	7244	7330	5.83	cps
Sulfur	34-1	355525	356563	355925	356004	0.15	cps
Terbium	159-1	2965594	3162887	2975953	3034811	3.66	cps
Terbium	159-2	1102806	1112774	1090821	1102134	1.00	cps
Thallium	203-1	483	325	342	383	22.70	cps
Thallium	205-1	817	733	842	797	7.12	cps
Tin	118-1	792	792	583	722	16.65	cps
Titanium	47-1	233	283	192	236	19.44	cps
Uranium	238-1	17	25	58	33	66.14	cps
Vanadium	51-2	60	63	50	58	12.01	cps
Yttrium	89-1	3417171	3664473	3417288	3499644	4.08	cps
Yttrium	89-2	209900	206557	206696	207718	0.91	cps
Zinc	66-2	17024	16754	17077	16952	1.02	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01DUP	Instrumnet Name :	P8
Client Sample ID :	381220006DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 13:53:58	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	425	342	342	369	13.02	cps
Zirconium	91-1	75	117	50	81	41.81	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220006L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-14 13:57:26	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	135	160	148	148	8.47	cps
Antimony	121-1	258	242	200	233	12.88	cps
Arsenic	75-2	4	4	6	4	24.86	cps
Barium	135-1	175	192	208	192	8.69	cps
Barium	137-1	342	500	317	386	25.75	cps
Beryllium	9-1	47	47	47	47	0.00	cps
Bismuth	209-1	1514913	1565664	1496607	1525728	2.34	cps
Bismuth	209-2	716942	733948	736205	729032	1.44	cps
Boron	10-1	450	458	458	456	1.06	cps
Boron	11-1	2375	2375	2317	2356	1.43	cps
Cadmium	111-1	522	617	539	559	9.06	cps
Cadmium	106-1	733	883	767	795	9.91	cps
Cadmium	108-1	0	8	21	10	107.86	cps
Calcium	43-1	660	623	697	660	5.56	cps
Calcium	44-1	78990	78806	79000	78932	0.14	cps
Chromium	52-2	2220	2000	2020	2080	5.85	cps
Cobalt	59-2	90	73	123	96	26.65	cps
Copper	63-2	427	410	487	441	9.14	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	8	17	11	43.34	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	17	33	50	33	50.00	cps
Gadolinium	160-2	3	10	0	4	114.60	cps
Holmium	165-1	2708725	2805857	2681152	2731911	2.40	cps
Holmium	165-2	1019602	1032785	1033109	1028499	0.75	cps
Indium	115-1	2743545	2864956	2689272	2765924	3.25	cps
Indium	115-2	228579	234665	235419	232888	1.61	cps
Iron	56-2	4740	4845	4912	4832	1.80	cps
Iron	57-2	156	122	150	143	12.52	cps
Krypton	83-1	610	613	547	590	6.37	cps
Lead	206-1	294	278	272	281	4.11	cps
Lead	207-1	228	211	317	252	22.53	cps
Lead	208-1	1100	1006	1211	1106	9.31	cps
Lithium	6-1	288285	300848	294354	294496	2.13	cps
Magnesium	24-2	825	825	708	786	8.57	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220006L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-14 13:57:26	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	120	147	116	29.04	cps
Molybdenum	94-1	108	158	183	150	25.46	cps
Molybdenum	95-1	83	67	42	64	32.83	cps
Molybdenum	96-1	117	158	125	133	16.54	cps
Molybdenum	97-1	317	250	208	258	21.15	cps
Molybdenum	98-1	33	83	92	69	45.44	cps
Neodymium	150-1	27	40	13	27	50.01	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	113	103	110	109	4.68	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	5885	5543	6227	5885	5.81	cps
Rhodium	103-1	2801887	2968598	2807240	2859242	3.31	cps
Rhodium	103-2	1175454	1199149	1202759	1192454	1.24	cps
Scandium	45-1	2399843	2504469	2358131	2420814	3.11	cps
Scandium	45-2	34947	35589	35756	35430	1.20	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-104	-128	-81	-104	-22.47	cps
Silicon	28-1	274140	273191	272047	273126	0.38	cps
Silver	109-1	450	283	400	378	22.64	cps
Silver	107-1	442	408	333	394	14.07	cps
Sodium	23-2	15292	15109	14475	14958	2.87	cps
Strontium	86-1	925	900	850	892	4.28	cps
Strontium	88-1	1367	1500	1408	1425	4.79	cps
Sulfur	34-1	368453	371180	370995	370209	0.41	cps
Terbium	159-1	2870635	3065694	2869192	2935174	3.85	cps
Terbium	159-2	1052312	1052339	1059332	1054661	0.38	cps
Thallium	203-1	133	117	83	111	22.91	cps
Thallium	205-1	233	208	200	214	8.11	cps
Tin	118-1	283	342	292	306	10.33	cps
Titanium	47-1	200	142	192	178	17.75	cps
Uranium	238-1	25	17	25	22	21.64	cps
Vanadium	51-2	37	47	37	40	14.43	cps
Yttrium	89-1	3309724	3461383	3292643	3354583	2.77	cps
Yttrium	89-2	194595	196830	198293	196573	0.95	cps
Zinc	66-2	3094	3107	3100	3100	0.22	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01LX5	Instrumnet Name :	P8
Client Sample ID :	381220006L	Dilution Factor :	5
Date & Time Acquired ::	2019-01-14 13:57:26	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	242	292	192	242	20.69	cps
Zirconium	91-1	92	58	25	58	57.14	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01A	Instrumnet Name :	P8
Client Sample ID :	381220006A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:09:37	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14218	14721	14669	14536	1.90	cps
Antimony	121-1	3258556	3222986	3224542	3235361	0.62	cps
Arsenic	75-2	85151	84743	82982	84292	1.37	cps
Barium	135-1	158271	155995	155300	156522	0.99	cps
Barium	137-1	278061	275226	273858	275715	0.78	cps
Beryllium	9-1	119364	115281	114249	116298	2.33	cps
Bismuth	209-1	1819148	1803469	1775147	1799254	1.24	cps
Bismuth	209-2	793668	787605	787554	789609	0.45	cps
Boron	10-1	24338	24221	23161	23907	2.71	cps
Boron	11-1	123883	122638	125613	124045	1.20	cps
Cadmium	111-1	193025	188035	189118	190059	1.38	cps
Cadmium	106-1	18447	18171	17178	17932	3.72	cps
Cadmium	108-1	12177	12494	12969	12546	3.18	cps
Calcium	43-1	15926	16069	16129	16042	0.65	cps
Calcium	44-1	321274	318156	315128	318186	0.97	cps
Chromium	52-2	337766	338526	339492	338594	0.26	cps
Cobalt	59-2	336516	334282	331618	334139	0.73	cps
Copper	63-2	435543	433055	429747	432782	0.67	cps
Dysprosium	156-1	102475	101484	100888	101615	0.79	cps
Dysprosium	156-2	4394	4321	4254	4323	1.62	cps
Erbium	164-1	33	67	42	47	36.73	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	75	83	67	75	11.11	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	3131580	3110824	3116895	3119766	0.34	cps
Holmium	165-2	1105827	1104826	1090385	1100346	0.79	cps
Indium	115-1	3107426	3114698	3022604	3081576	1.66	cps
Indium	115-2	243007	241694	241512	242071	0.34	cps
Iron	56-2	1839356	1824519	1798146	1820674	1.15	cps
Iron	57-2	44728	44566	44159	44485	0.66	cps
Krypton	83-1	560	633	590	594	6.20	cps
Lead	206-1	1882847	1875340	1862271	1873486	0.56	cps
Lead	207-1	1673652	1563661	1538363	1591892	4.52	cps
Lead	208-1	7593943	7365596	7334114	7431218	1.91	cps
Lithium	6-1	340419	332868	329965	334418	1.61	cps
Magnesium	24-2	69730	67863	68634	68742	1.36	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01A	Instrumnet Name :	P8
Client Sample ID :	381220006A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:09:37	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52405	52381	52217	52334	0.19	cps
Molybdenum	94-1	446715	448250	441650	445538	0.78	cps
Molybdenum	95-1	787042	781208	775217	781155	0.76	cps
Molybdenum	96-1	839595	820286	820968	826950	1.32	cps
Molybdenum	97-1	477527	477652	475989	477056	0.19	cps
Molybdenum	98-1	1249552	1234629	1214120	1232767	1.44	cps
Neodymium	150-1	20	20	33	24	31.49	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	249125	247411	242782	246439	1.33	cps
Phosphorus	31-2	3284	3542	3567	3464	4.53	cps
Potassium	39-2	215434	215305	214180	214973	0.32	cps
Rhodium	103-1	3264382	3252433	3194720	3237178	1.15	cps
Rhodium	103-2	1298842	1284132	1280345	1287773	0.76	cps
Scandium	45-1	2731474	2693207	2672742	2699141	1.10	cps
Scandium	45-2	38001	37781	37718	37833	0.39	cps
Selenium	77-2	1707	1420	1683	1603	9.93	cps
Selenium	78-2	5890	5879	5636	5802	2.47	cps
Selenium	82-1	143458	142836	143120	143138	0.22	cps
Silicon	28-1	2339175	2282555	2251024	2290918	1.95	cps
Silver	109-1	335685	332038	332973	333565	0.57	cps
Silver	107-1	355286	354301	348220	352602	1.09	cps
Sodium	23-2	253844	252767	253516	253376	0.22	cps
Strontium	86-1	252361	249873	248185	250139	0.84	cps
Strontium	88-1	2230924	2197530	2195072	2207842	0.91	cps
Sulfur	34-1	319925	311606	302985	311506	2.72	cps
Terbium	159-1	3383028	3343866	3314765	3347220	1.02	cps
Terbium	159-2	1143386	1133560	1120822	1132590	1.00	cps
Thallium	203-1	4645753	4574405	4498004	4572720	1.62	cps
Thallium	205-1	10736101	10521422	10459955	10572493	1.37	cps
Tin	118-1	2013001	1970515	1962354	1981957	1.37	cps
Titanium	47-1	133111	133463	131328	132634	0.86	cps
Uranium	238-1	58	25	25	36	53.30	cps
Vanadium	51-2	185517	184545	183099	184387	0.66	cps
Yttrium	89-1	3838405	3826230	3758618	3807751	1.13	cps
Yttrium	89-2	212595	209959	207414	209989	1.23	cps
Zinc	66-2	40586	40693	39958	40412	0.98	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01A	Instrumnet Name :	P8
Client Sample ID :	381220006A	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:09:37	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	750	567	633	650	14.28	cps
Zirconium	91-1	317	467	442	408	19.68	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MS	Instrumnet Name :	P8
Client Sample ID :	381220006MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:13:01	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14338	14298	13928	14188	1.60	cps
Antimony	121-1	3230913	3262821	3181870	3225201	1.26	cps
Arsenic	75-2	83517	82591	82105	82738	0.87	cps
Barium	135-1	156245	154450	155116	155270	0.58	cps
Barium	137-1	274562	273055	268156	271924	1.23	cps
Beryllium	9-1	111011	108059	107830	108967	1.63	cps
Bismuth	209-1	1794436	1768908	1792676	1785340	0.80	cps
Bismuth	209-2	778140	777711	765496	773782	0.93	cps
Boron	10-1	22719	23603	23261	23194	1.92	cps
Boron	11-1	116798	120167	117195	118053	1.56	cps
Cadmium	111-1	191998	186831	186653	188494	1.61	cps
Cadmium	106-1	17604	17829	17203	17546	1.81	cps
Cadmium	108-1	12589	12460	12564	12538	0.55	cps
Calcium	43-1	16850	15909	15445	16068	4.46	cps
Calcium	44-1	320261	311932	313558	315250	1.40	cps
Chromium	52-2	337115	331150	329999	332754	1.15	cps
Cobalt	59-2	332875	327583	327100	329186	0.97	cps
Copper	63-2	429646	426760	426672	427693	0.40	cps
Dysprosium	156-1	99921	99553	98579	99351	0.70	cps
Dysprosium	156-2	4034	4184	4184	4134	2.10	cps
Erbium	164-1	17	17	0	11	86.60	cps
Erbium	164-2	13	7	7	9	43.25	cps
Gadolinium	160-1	100	50	58	69	38.58	cps
Gadolinium	160-2	20	3	0	8	137.80	cps
Holmium	165-1	3064260	3035930	3046946	3049045	0.47	cps
Holmium	165-2	1079119	1076697	1058769	1071529	1.04	cps
Indium	115-1	3010463	3042810	3022460	3025245	0.54	cps
Indium	115-2	234803	232302	227291	231465	1.65	cps
Iron	56-2	1789737	1778146	1749631	1772505	1.16	cps
Iron	57-2	43084	44444	41997	43175	2.84	cps
Krypton	83-1	573	583	660	606	7.83	cps
Lead	206-1	1879408	1858970	1863302	1867227	0.58	cps
Lead	207-1	1589848	1567226	1558507	1571860	1.03	cps
Lead	208-1	7472611	7375249	7369060	7405640	0.78	cps
Lithium	6-1	318581	316120	313753	316151	0.76	cps
Magnesium	24-2	67587	68868	67335	67930	1.21	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MS	Instrumnet Name :	P8
Client Sample ID :	381220006MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:13:01	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50859	51301	49842	50667	1.48	cps
Molybdenum	94-1	453114	442444	438177	444578	1.73	cps
Molybdenum	95-1	788589	777326	765109	777008	1.51	cps
Molybdenum	96-1	830739	820224	814158	821707	1.02	cps
Molybdenum	97-1	482882	474976	474405	477421	0.99	cps
Molybdenum	98-1	1231207	1224320	1216139	1223888	0.62	cps
Neodymium	150-1	27	47	20	31	44.61	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	241878	242031	240785	241564	0.28	cps
Phosphorus	31-2	3609	3442	3684	3578	3.46	cps
Potassium	39-2	206217	205541	205421	205726	0.21	cps
Rhodium	103-1	3185981	3141096	3136043	3154374	0.87	cps
Rhodium	103-2	1261213	1258009	1232781	1250668	1.25	cps
Scandium	45-1	2616581	2590630	2553036	2586749	1.24	cps
Scandium	45-2	36203	35963	35204	35790	1.46	cps
Selenium	77-2	1630	1700	1490	1607	6.66	cps
Selenium	78-2	5373	5460	5470	5434	0.98	cps
Selenium	82-1	142861	142411	140514	141929	0.88	cps
Silicon	28-1	2213083	2178995	2164556	2185545	1.14	cps
Silver	109-1	334847	327244	327260	329784	1.33	cps
Silver	107-1	352219	350499	346884	349867	0.78	cps
Sodium	23-2	250721	254321	254412	253151	0.83	cps
Strontium	86-1	251119	250256	248143	249839	0.61	cps
Strontium	88-1	2198297	2166886	2156804	2173996	1.00	cps
Sulfur	34-1	281664	275741	267557	274987	2.58	cps
Terbium	159-1	3287406	3261983	3279174	3276188	0.40	cps
Terbium	159-2	1108624	1095289	1072318	1092077	1.68	cps
Thallium	203-1	4605009	4538702	4549685	4564465	0.78	cps
Thallium	205-1	10789580	10518197	10557990	10621923	1.38	cps
Tin	118-1	1986419	1951993	1955838	1964750	0.96	cps
Titanium	47-1	131596	131050	129082	130576	1.01	cps
Uranium	238-1	42	8	17	22	78.07	cps
Vanadium	51-2	181211	178195	180139	179848	0.85	cps
Yttrium	89-1	3778433	3667372	3706639	3717481	1.51	cps
Yttrium	89-2	202884	204578	200670	202711	0.97	cps
Zinc	66-2	43889	43017	42723	43210	1.40	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MS	Instrumnet Name :	P8
Client Sample ID :	381220006MS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:13:01	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	567	658	700	642	10.63	cps
Zirconium	91-1	492	325	442	419	20.39	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220006MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:16:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13960	13650	14031	13880	1.46	cps
Antimony	121-1	3254058	3250047	3227896	3244000	0.43	cps
Arsenic	75-2	83409	82166	81475	82350	1.19	cps
Barium	135-1	158489	155984	151711	155395	2.21	cps
Barium	137-1	272223	274081	267621	271308	1.23	cps
Beryllium	9-1	111085	109181	104949	108405	2.90	cps
Bismuth	209-1	1835827	1816693	1776020	1809513	1.69	cps
Bismuth	209-2	769693	780910	763724	771442	1.13	cps
Boron	10-1	22685	23704	23194	23194	2.20	cps
Boron	11-1	116707	117992	117353	117351	0.55	cps
Cadmium	111-1	190213	189751	186500	188821	1.07	cps
Cadmium	106-1	17896	18856	17429	18060	4.03	cps
Cadmium	108-1	12306	12518	12085	12303	1.76	cps
Calcium	43-1	16139	15842	15839	15940	1.08	cps
Calcium	44-1	316440	311265	306711	311472	1.56	cps
Chromium	52-2	330419	330106	328062	329529	0.39	cps
Cobalt	59-2	330099	327478	321696	326425	1.32	cps
Copper	63-2	427069	427481	423048	425866	0.58	cps
Dysprosium	156-1	100402	100173	99368	99981	0.54	cps
Dysprosium	156-2	4017	4137	4054	4070	1.51	cps
Erbium	164-1	8	50	42	33	66.15	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	33	67	33	44	43.31	cps
Gadolinium	160-2	13	7	10	10	33.30	cps
Holmium	165-1	3140356	3039284	3063027	3080889	1.72	cps
Holmium	165-2	1071168	1083711	1060951	1071943	1.06	cps
Indium	115-1	3083994	3049845	2988001	3040613	1.60	cps
Indium	115-2	234992	233715	228307	232338	1.53	cps
Iron	56-2	1769971	1786134	1753507	1769871	0.92	cps
Iron	57-2	43329	43084	42097	42837	1.52	cps
Krypton	83-1	587	580	617	594	3.29	cps
Lead	206-1	1870534	1899057	1882529	1884040	0.76	cps
Lead	207-1	1572171	1588685	1550424	1570427	1.22	cps
Lead	208-1	7435115	7533315	7351034	7439822	1.23	cps
Lithium	6-1	320352	311755	305897	312668	2.33	cps
Magnesium	24-2	67662	66700	65359	66574	1.74	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220006MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:16:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	51113	50498	50217	50609	0.91	cps
Molybdenum	94-1	444718	446294	442014	444342	0.49	cps
Molybdenum	95-1	778909	772910	774791	775537	0.40	cps
Molybdenum	96-1	825901	824181	812380	820821	0.90	cps
Molybdenum	97-1	476729	477198	472437	475455	0.55	cps
Molybdenum	98-1	1241819	1227118	1207649	1225529	1.40	cps
Neodymium	150-1	27	27	40	31	24.74	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	243422	240996	237369	240595	1.27	cps
Phosphorus	31-2	3267	3359	3184	3270	2.68	cps
Potassium	39-2	208525	203815	202258	204866	1.59	cps
Rhodium	103-1	3247298	3225471	3139274	3204014	1.78	cps
Rhodium	103-2	1261448	1261253	1248541	1257081	0.59	cps
Scandium	45-1	2631476	2563949	2548592	2581339	1.71	cps
Scandium	45-2	36394	36113	36380	36296	0.44	cps
Selenium	77-2	1623	1677	1657	1652	1.63	cps
Selenium	78-2	5649	5551	5603	5601	0.88	cps
Selenium	82-1	141159	142035	139435	140876	0.94	cps
Silicon	28-1	2155853	2181924	2147622	2161799	0.83	cps
Silver	109-1	330131	332571	324813	329172	1.21	cps
Silver	107-1	350031	350125	345403	348520	0.77	cps
Sodium	23-2	250259	247919	246918	248365	0.69	cps
Strontium	86-1	251771	248650	244145	248189	1.54	cps
Strontium	88-1	2188196	2207004	2164134	2186445	0.98	cps
Sulfur	34-1	267473	261148	262982	263867	1.23	cps
Terbium	159-1	3384663	3297381	3283087	3321711	1.66	cps
Terbium	159-2	1098140	1106545	1091107	1098597	0.70	cps
Thallium	203-1	4574371	4600251	4513049	4562557	0.98	cps
Thallium	205-1	10684229	10696799	10469881	10616970	1.20	cps
Tin	118-1	1975220	1961944	1939699	1958954	0.92	cps
Titanium	47-1	129073	129291	128679	129014	0.24	cps
Uranium	238-1	58	25	42	42	40.00	cps
Vanadium	51-2	178960	180203	177529	178897	0.75	cps
Yttrium	89-1	3798198	3731625	3697158	3742327	1.37	cps
Yttrium	89-2	202331	202304	202213	202283	0.03	cps
Zinc	66-2	43468	42305	42285	42686	1.59	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1105-01MSD	Instrumnet Name :	P8
Client Sample ID :	381220006MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:16:27	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	475	683	600	18.37	cps
Zirconium	91-1	375	417	358	383	7.84	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1138-01	Instrumnet Name :	P8
Client Sample ID :	381211744.1	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:19:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	490	525	553	523	6.00	cps
Antimony	121-1	3767	4226	3834	3942	6.28	cps
Arsenic	75-2	56	57	61	58	4.87	cps
Barium	135-1	9429	9204	9729	9454	2.79	cps
Barium	137-1	16603	16920	16286	16603	1.91	cps
Beryllium	9-1	67	60	53	60	11.12	cps
Bismuth	209-1	1808973	1747389	1713280	1756547	2.76	cps
Bismuth	209-2	739082	742247	725673	735667	1.20	cps
Boron	10-1	13332	12548	13115	12998	3.12	cps
Boron	11-1	65475	64906	65660	65347	0.60	cps
Cadmium	111-1	665	551	619	612	9.42	cps
Cadmium	106-1	900	742	883	842	10.34	cps
Cadmium	108-1	21	8	17	15	41.67	cps
Calcium	43-1	462769	451758	452726	455751	1.34	cps
Calcium	44-1	7461321	7356096	7307576	7374997	1.07	cps
Chromium	52-2	2324	2210	2454	2329	5.23	cps
Cobalt	59-2	903	817	893	871	5.44	cps
Copper	63-2	9623	9864	9657	9715	1.34	cps
Dysprosium	156-1	417	442	383	414	7.07	cps
Dysprosium	156-2	173	173	190	179	5.38	cps
Erbium	164-1	33	42	75	50	44.10	cps
Erbium	164-2	20	10	30	20	50.00	cps
Gadolinium	160-1	492	358	375	408	17.79	cps
Gadolinium	160-2	187	193	197	192	2.65	cps
Holmium	165-1	3138192	3059607	3063589	3087129	1.43	cps
Holmium	165-2	1048169	1050421	1037941	1045511	0.64	cps
Indium	115-1	3120882	3079291	3070372	3090182	0.87	cps
Indium	115-2	232511	233281	228220	231337	1.18	cps
Iron	56-2	111945	108867	107427	109413	2.11	cps
Iron	57-2	2634	2661	2695	2663	1.15	cps
Krypton	83-1	567	573	600	580	3.04	cps
Lead	206-1	1139	1022	1022	1061	6.35	cps
Lead	207-1	911	783	961	885	10.36	cps
Lead	208-1	4150	4062	3923	4045	2.84	cps
Lithium	6-1	293042	288100	280599	287247	2.18	cps
Magnesium	24-2	254342	256065	255670	255359	0.35	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1138-01	Instrumnet Name :	P8
Client Sample ID :	381211744.1	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:19:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3124	3070	3100	3098	0.86	cps
Molybdenum	94-1	950	842	900	897	6.04	cps
Molybdenum	95-1	1042	900	1225	1056	15.44	cps
Molybdenum	96-1	1458	1275	1325	1353	7.01	cps
Molybdenum	97-1	958	825	783	856	10.69	cps
Molybdenum	98-1	1767	1809	1634	1736	5.27	cps
Neodymium	150-1	67	80	53	67	19.99	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	2374	2510	2457	2447	2.82	cps
Phosphorus	31-2	642	758	617	672	11.25	cps
Potassium	39-2	272737	276186	272542	273822	0.75	cps
Rhodium	103-1	3157787	3113275	3122531	3131198	0.75	cps
Rhodium	103-2	1217991	1224396	1200041	1214143	1.04	cps
Scandium	45-1	2591924	2582675	2554775	2576458	0.75	cps
Scandium	45-2	35969	36411	36053	36144	0.65	cps
Selenium	77-2	13	0	0	4	173.21	cps
Selenium	78-2	9	2	6	6	66.68	cps
Selenium	82-1	-70	-82	-42	-65	-31.77	cps
Silicon	28-1	9560569	9277749	9404363	9414227	1.50	cps
Silver	109-1	708	883	992	861	16.60	cps
Silver	107-1	742	950	1033	908	16.54	cps
Sodium	23-2	4269005	4297422	4244934	4270454	0.62	cps
Strontium	86-1	364968	360981	360849	362266	0.65	cps
Strontium	88-1	3191307	3151258	3159039	3167201	0.67	cps
Sulfur	34-1	566333	567095	566965	566798	0.07	cps
Terbium	159-1	3365836	3288454	3289117	3314469	1.34	cps
Terbium	159-2	1074696	1065945	1056709	1065784	0.84	cps
Thallium	203-1	1350	1283	725	1120	30.66	cps
Thallium	205-1	2984	2367	2225	2525	15.97	cps
Tin	118-1	2975	3428	2809	3071	10.44	cps
Titanium	47-1	383	400	517	433	16.77	cps
Uranium	238-1	67	75	75	72	6.66	cps
Vanadium	51-2	180	167	160	169	6.03	cps
Yttrium	89-1	3805799	3718813	3666824	3730479	1.88	cps
Yttrium	89-2	202208	200461	196600	199756	1.44	cps
Zinc	66-2	9207	9800	9707	9571	3.34	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	K1138-01	Instrumnet Name :	P8
Client Sample ID :	381211744.1	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:19:51	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	517	758	608	628	19.44	cps
Zirconium	91-1	200	142	233	192	24.21	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:23:18	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	417343	423712	423347	421468	0.85	cps
Antimony	121-1	2111743	2099290	2106324	2105786	0.30	cps
Arsenic	75-2	57692	57714	57134	57513	0.57	cps
Barium	135-1	2059530	2060850	2064801	2061727	0.13	cps
Barium	137-1	3547284	3535676	3559612	3547524	0.34	cps
Beryllium	9-1	311334	315370	314296	313667	0.67	cps
Bismuth	209-1	1609798	1598141	1602258	1603399	0.37	cps
Bismuth	209-2	768985	762351	767797	766378	0.46	cps
Boron	10-1	44320	45189	46476	45328	2.39	cps
Boron	11-1	227574	231258	236850	231894	2.01	cps
Cadmium	111-1	460535	467322	466084	464647	0.78	cps
Cadmium	106-1	49099	48446	49743	49096	1.32	cps
Cadmium	108-1	33467	33354	34139	33653	1.26	cps
Calcium	43-1	3332527	3353004	3370890	3352140	0.57	cps
Calcium	44-1	53100524	53916431	53544506	53520487	0.76	cps
Chromium	52-2	453607	451599	457476	454227	0.66	cps
Cobalt	59-2	857300	859803	861225	859443	0.23	cps
Copper	63-2	1392482	1392103	1386884	1390490	0.22	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	3	7	10	7	50.03	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	8	50	67	42	72.12	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	2966749	2916278	3022436	2968488	1.79	cps
Holmium	165-2	1118603	1122083	1085346	1108677	1.83	cps
Indium	115-1	2830483	2885199	2908165	2874616	1.39	cps
Indium	115-2	238920	239280	238813	239004	0.10	cps
Iron	56-2	77384552	78023668	78087907	77832042	0.50	cps
Iron	57-2	1979309	2011568	1978308	1989728	0.95	cps
Krypton	83-1	663	547	583	598	9.98	cps
Lead	206-1	893437	894233	879110	888927	0.96	cps
Lead	207-1	797055	802923	795779	798586	0.48	cps
Lead	208-1	3679200	3704156	3663470	3682275	0.56	cps
Lithium	6-1	299375	309884	306794	305351	1.77	cps
Magnesium	24-2	8783270	8869068	8885630	8845990	0.62	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:23:18	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	279623	282830	281754	281402	0.58	cps
Molybdenum	94-1	4134649	4205070	4146944	4162221	0.90	cps
Molybdenum	95-1	5169120	5116301	5204194	5163205	0.86	cps
Molybdenum	96-1	5589311	5625710	5559710	5591577	0.59	cps
Molybdenum	97-1	3110437	3126716	3132688	3123280	0.37	cps
Molybdenum	98-1	8040290	8015123	7989391	8014935	0.32	cps
Neodymium	150-1	53	127	87	89	41.30	cps
Neodymium	150-2	17	7	13	12	41.65	cps
Nickel	60-2	247562	251090	251369	250007	0.85	cps
Phosphorus	31-2	6877	6727	6435	6680	3.36	cps
Potassium	39-2	2769099	2840444	2819398	2809647	1.30	cps
Rhodium	103-1	2895353	2942268	2915968	2917863	0.81	cps
Rhodium	103-2	1205393	1211519	1207652	1208188	0.26	cps
Scandium	45-1	2564041	2612776	2605290	2594036	1.01	cps
Scandium	45-2	38215	38282	38680	38393	0.65	cps
Selenium	77-2	433	470	510	471	8.14	cps
Selenium	78-2	1600	1559	1537	1566	2.04	cps
Selenium	82-1	35036	35864	35717	35539	1.24	cps
Silicon	28-1	1676977	1730467	1790430	1732625	3.28	cps
Silver	109-1	2242669	2242966	2248878	2244838	0.16	cps
Silver	107-1	2350386	2343468	2365393	2353082	0.48	cps
Sodium	23-2	20293632	20415877	20442913	20384141	0.39	cps
Strontium	86-1	642102	642986	646533	643873	0.36	cps
Strontium	88-1	5558048	5574954	5548654	5560552	0.24	cps
Sulfur	34-1	577852	584624	591222	584566	1.14	cps
Terbium	159-1	3236431	3152570	3198692	3195898	1.31	cps
Terbium	159-2	1134920	1144305	1129633	1136286	0.65	cps
Thallium	203-1	1110181	1103677	1099653	1104504	0.48	cps
Thallium	205-1	2689809	2684407	2688396	2687537	0.10	cps
Tin	118-1	1412609	1411247	1411883	1411913	0.05	cps
Titanium	47-1	1733654	1758804	1761763	1751407	0.88	cps
Uranium	238-1	3434735	3436524	3437010	3436090	0.03	cps
Vanadium	51-2	333980	332464	334199	333548	0.28	cps
Yttrium	89-1	3587704	3581592	3597008	3588768	0.22	cps
Yttrium	89-2	210880	211315	208620	210272	0.69	cps
Zinc	66-2	153091	153306	151472	152623	0.66	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P8
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:23:18	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3453585	3515390	3437259	3468745	1.19	cps
Zirconium	91-1	755480	763778	756898	758719	0.59	cps

LB Number : LB100297 Operator : Jaswal
 Lab Sample ID : CCB28 Instrumnet Name : P8
 Client Sample ID : CCB28 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-14 14:30:17 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78	45	50	58	30.44	cps
Antimony	121-1	925	967	1075	989	7.83	cps
Arsenic	75-2	11	9	24	15	54.48	cps
Barium	135-1	58	75	75	69	13.85	cps
Barium	137-1	125	100	108	111	11.46	cps
Beryllium	9-1	57	63	67	62	8.18	cps
Bismuth	209-1	1696007	1626995	1656922	1659975	2.08	cps
Bismuth	209-2	793114	777920	787571	786202	0.98	cps
Boron	10-1	592	525	475	531	11.03	cps
Boron	11-1	2750	2600	2900	2750	5.45	cps
Cadmium	111-1	532	500	572	534	6.76	cps
Cadmium	106-1	708	700	792	733	6.91	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Calcium	43-1	370	360	350	360	2.78	cps
Calcium	44-1	77485	77549	76862	77299	0.49	cps
Chromium	52-2	2010	2057	1940	2002	2.93	cps
Cobalt	59-2	70	87	123	93	29.24	cps
Copper	63-2	270	213	240	241	11.76	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	25	50	33	43.31	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	33	33	50	39	24.74	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	2952476	2854651	2937023	2914716	1.80	cps
Holmium	165-2	1099864	1084826	1085314	1090001	0.78	cps
Indium	115-1	2981326	2942948	2925687	2949987	0.97	cps
Indium	115-2	247903	246583	246519	247001	0.32	cps
Iron	56-2	6007	5768	6163	5979	3.33	cps
Iron	57-2	156	167	217	180	18.12	cps
Krypton	83-1	653	677	620	650	4.38	cps
Lead	206-1	406	389	361	385	5.83	cps
Lead	207-1	367	344	350	354	3.27	cps
Lead	208-1	1700	1845	1528	1691	9.38	cps
Lithium	6-1	310842	310296	307180	309439	0.64	cps
Magnesium	24-2	450	642	708	600	22.35	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:30:17	DataFile Name :	035CCBE.d

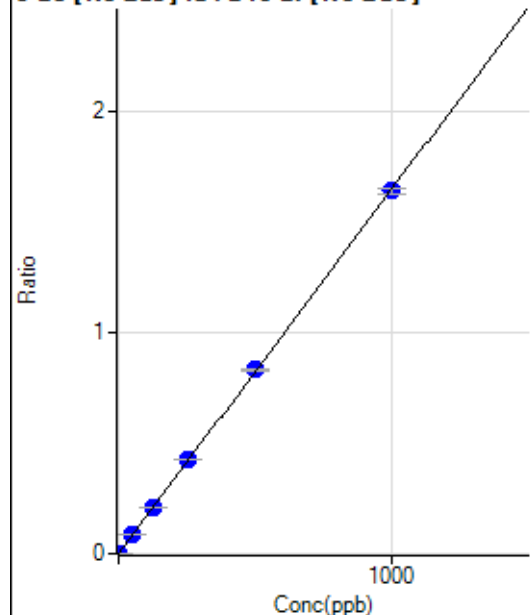
Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	117	137	150	134	12.48	cps
Molybdenum	94-1	317	283	300	300	5.56	cps
Molybdenum	95-1	283	175	300	253	26.85	cps
Molybdenum	96-1	250	358	283	297	18.67	cps
Molybdenum	97-1	358	392	383	378	4.59	cps
Molybdenum	98-1	325	342	425	364	14.72	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	133	130	113	126	8.53	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	6669	6310	6002	6327	5.28	cps
Rhodium	103-1	3073836	3054650	3071983	3066823	0.35	cps
Rhodium	103-2	1273708	1266557	1273600	1271288	0.32	cps
Scandium	45-1	2603862	2544450	2582221	2576844	1.17	cps
Scandium	45-2	38346	37888	37580	37938	1.02	cps
Selenium	77-2	7	10	3	7	50.03	cps
Selenium	78-2	6	0	6	4	86.60	cps
Selenium	82-1	-141	-195	-129	-155	-22.85	cps
Silicon	28-1	277514	275214	280481	277736	0.95	cps
Silver	109-1	133	200	133	156	24.74	cps
Silver	107-1	183	217	125	175	26.51	cps
Sodium	23-2	16594	16101	15893	16196	2.22	cps
Strontium	86-1	667	717	692	692	3.61	cps
Strontium	88-1	192	200	133	175	20.76	cps
Sulfur	34-1	394605	390664	394604	393291	0.58	cps
Terbium	159-1	3082020	3109068	3094336	3095141	0.44	cps
Terbium	159-2	1120059	1110720	1105447	1112075	0.67	cps
Thallium	203-1	425	342	375	381	11.02	cps
Thallium	205-1	808	842	692	781	10.09	cps
Tin	118-1	300	308	392	333	15.21	cps
Titanium	47-1	117	125	275	172	51.74	cps
Uranium	238-1	108	75	100	94	18.37	cps
Vanadium	51-2	17	30	13	20	44.10	cps
Yttrium	89-1	3612445	3587547	3573580	3591190	0.55	cps
Yttrium	89-2	209736	210991	211116	210614	0.36	cps
Zinc	66-2	83	63	90	79	17.60	cps

LB Number :	LB100297	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P8
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2019-01-14 14:30:17	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	383	300	242	308	23.09	cps
Zirconium	91-1	42	92	108	81	43.07	cps

Batch Folder: D:\P8011419-MS.b\
Analysis File: P8011419-MS.batch.bin
DA Date-Time: 2019-01-14 14:22:16
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-01-14 12:04:53
2			
3	005CALS.d	S02	2019-01-14 12:12:14
4	006CALS.d	S03	2019-01-14 12:16:05
5	007CALS.d	S04	2019-01-14 12:19:53
6	008CALS.d	S05	2019-01-14 12:23:40
7	009CALS.d	S06	2019-01-14 12:27:20
8	010CALS.d	S07	2019-01-14 12:30:54
9	011CALS.d	S08	2019-01-14 12:34:21

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0001	P	19.3
2	☐	0.100					
3	☐	1.000	0.994	872.27	0.0017	P	4.6
4	☐	50.000	51.309	45145.28	0.0846	P	0.4
5	☐	125.000	126.267	117168.56	0.2081	P	0.9
6	☐	250.000	256.630	231888.04	0.4229	P	0.4
7	☐	500.000	504.191	458808.20	0.8308	P	0.7
8	☐	1000.000	996.023	914499.40	1.6412	P	1.4
9	☐			164.45	0.0004	P	9.7

$$y = 0.0016 * x + 6.6274E-005$$

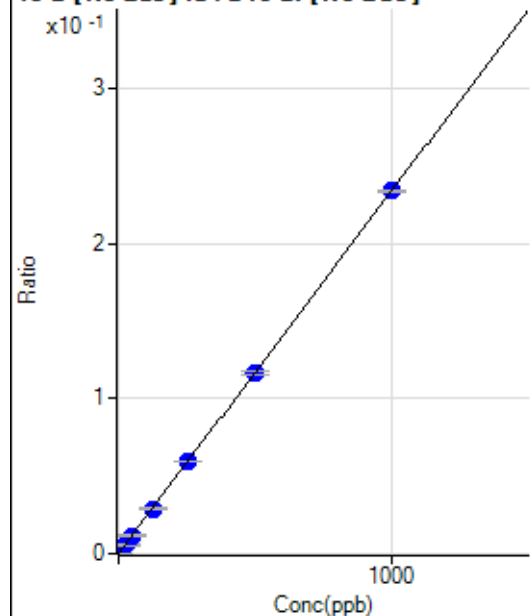
$$R = 1.0000$$

$$DL = 0.02327$$

$$BEC = 0.04022$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	69.45	0.0001	P	28.2
2	☐	2.500					
3	☐	25.000	23.448	2878.20	0.0056	P	2.8
4	☐	50.000	48.596	6137.67	0.0115	P	5.6
5	☐	125.000	123.870	16382.21	0.0291	P	1.2
6	☐	250.000	253.696	32596.28	0.0594	P	1.4
7	☐	500.000	497.773	64336.88	0.1165	P	2.2
8	☐	1000.000	1000.440	130416.87	0.2340	P	0.7
9	☐			1672.39	0.0036	P	14.2

$$y = 2.3379E-004 * x + 1.3833E-004$$

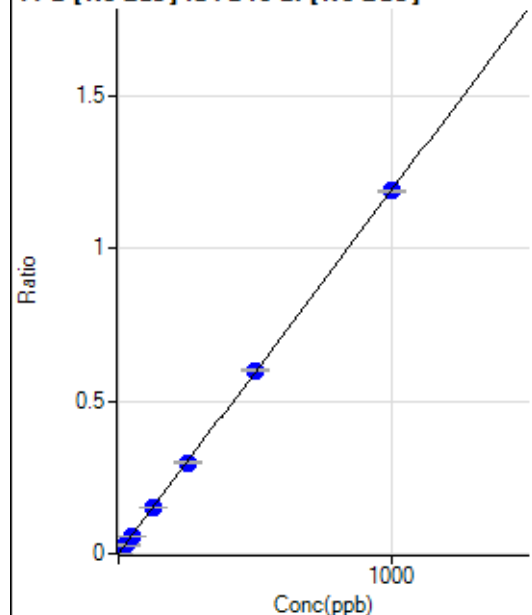
$$R = 1.0000$$

$$DL = 0.501$$

$$BEC = 0.5917$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	347.24	0.0007	P	10.8
2	☐	2.500					
3	☐	25.000	23.392	14583.00	0.0285	P	3.8
4	☐	50.000	48.850	31338.08	0.0587	P	1.4
5	☐	125.000	124.364	83582.58	0.1484	P	0.3
6	☐	250.000	250.145	163323.00	0.2979	P	1.6
7	☐	500.000	503.272	330566.74	0.5986	P	1.3
8	☐	1000.000	998.505	661488.64	1.1870	P	0.6
9	☐			8227.69	0.0175	P	6.7

$$y = 0.0012 * x + 6.9140E-004$$

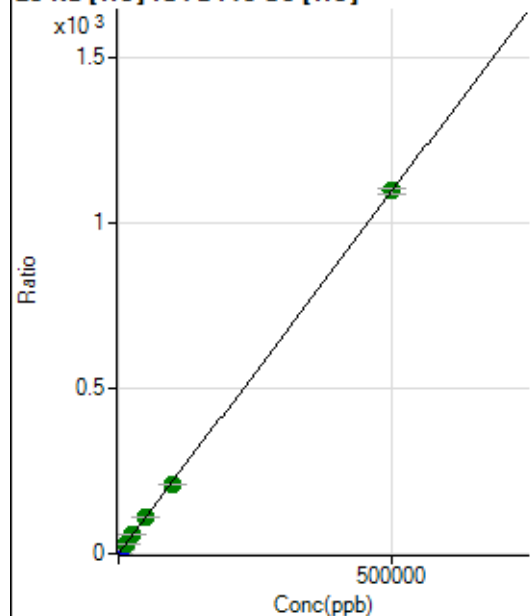
$$R = 1.0000$$

$$DL = 0.1878$$

$$BEC = 0.582$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9720.42	0.2302	P	4.8
2	☐	50.000					
3	☐	500.000	466.736	52366.56	1.2512	P	1.5
4	☐	5000.000	4895.660	463938.63	10.9395	P	1.6
5	☐	12500.000	12739.549	1160844.44	28.0980	A	0.2
6	☐	25000.000	25641.135	2327669.41	56.3202	A	1.9
7	☐	50000.000	49671.107	4530998.41	108.8857	A	2.3
8	☐	100000.00	95426.112	8973196.73	208.9748	A	1.5
9	☐	500000.00	500910.69	47261804.88	1,095.971	A	1.7

$$y = 0.0022 * x + 0.2302$$

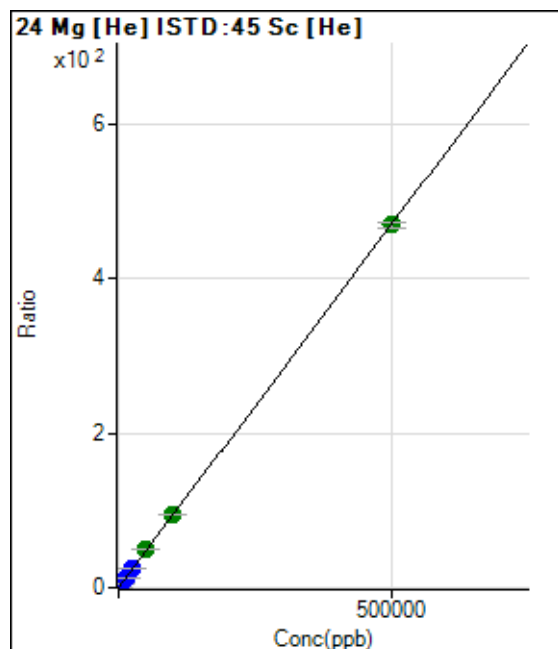
$$R = 0.9999$$

$$DL = 15.09$$

$$BEC = 105.2$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.47	0.0082	P	14.9
2	☐	50.000					
3	☐	500.000	482.165	19294.36	0.4611	P	3.0
4	☐	5000.000	5237.180	209005.66	4.9279	P	0.8
5	☐	12500.000	13341.562	518086.83	12.5410	P	0.9
6	☐	25000.000	26770.041	1039715.35	25.1554	P	1.3
7	☐	50000.000	53452.112	2089758.51	50.2201	A	2.5
8	☐	100000.00	100741.43	4063608.99	94.6428	A	2.1
9	☐	500000.00	499394.60	20230244.55	469.1301	A	1.9

$$y = 9.3938\text{E-}004 * x + 0.0082$$

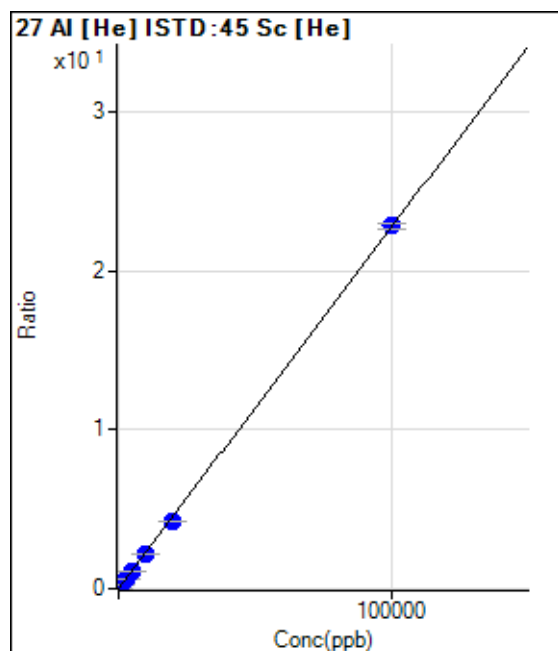
$$R = 1.0000$$

$$DL = 3.872$$

$$BEC = 8.685$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	48.35	0.0011	P	16.6
2	☐	2.000					
3	☐	20.000	17.421	213.39	0.0051	P	21.9
4	☐	1000.000	948.708	9204.53	0.2170	P	1.3
5	☐	2500.000	2473.365	23299.15	0.5640	P	0.6
6	☐	5000.000	4910.927	46237.18	1.1187	P	0.9
7	☐	10000.000	9588.138	90838.42	2.1830	P	2.3
8	☐	20000.000	18525.994	181062.13	4.2168	P	1.8
9	☐	100000.00	100341.62	984694.09	22.8345	P	1.7

$$y = 2.2756\text{E-}004 * x + 0.0011$$

$$R = 0.9999$$

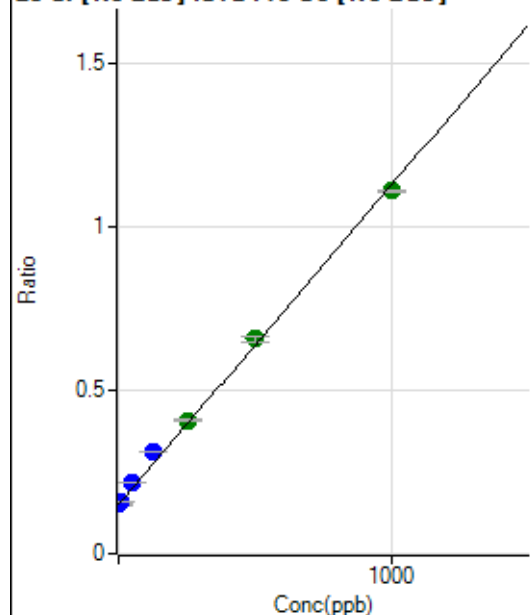
$$DL = 2.505$$

$$BEC = 5.031$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	423387.11	0.1499	P	1.7
2	☐	1.000					
3	☐	10.000	10.182	448866.31	0.1598	P	0.3
4	☐	50.000	67.786	615883.75	0.2161	P	1.4
5	☐	125.000	165.593	892106.17	0.3117	P	0.9
6	☐	250.000	264.436	1177419.94	0.4083	A	2.1
7	☐	500.000	518.837	1886112.09	0.6569	A	2.6
8	☐	1000.000	981.007	3262865.37	1.1086	A	0.6
9	☐			571206.43	0.2025	P	0.4

$$y = 9.7725E-004 * x + 0.1499$$

$$R = 0.9989$$

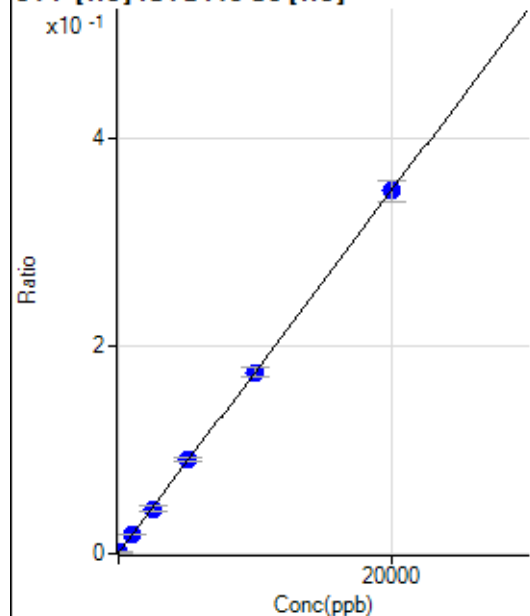
$$DL = 7.663$$

$$BEC = 153.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-28.501	5.55	0.0001	P	86.6
2	☐	0.000					
3	☐	0.000	28.501	47.23	0.0011	P	40.6
4	☐	1000.000	1025.084	786.17	0.0186	P	9.0
5	☐	2500.000	2443.479	1789.10	0.0433	P	14.6
6	☐	5000.000	5112.003	3720.09	0.0900	P	4.1
7	☐	10000.000	9984.990	7288.31	0.1752	P	5.0
8	☐	20000.000	19985.315	15025.24	0.3500	P	5.5
9	☐			16.67	0.0004	P	51.1

$$y = 1.7483E-005 * x + 6.2927E-004$$

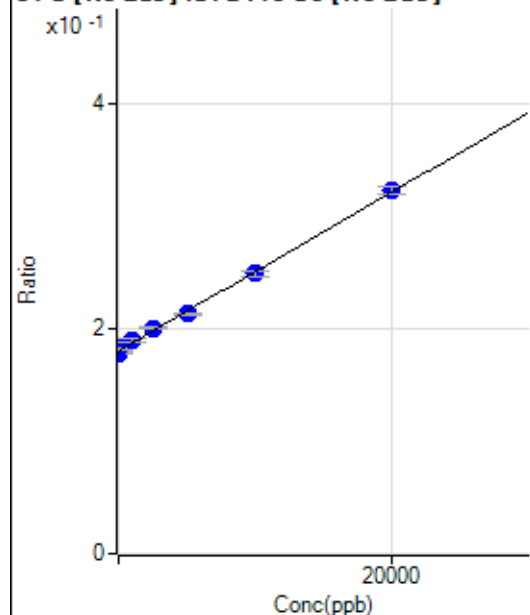
$$R = 1.0000$$

$$DL = 49.01$$

$$BEC = 35.99$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-267.798	502970.91	0.1780	P	1.4
2	☐	0.000					
3	☐	0.000	267.798	510619.96	0.1818	P	1.1
4	☐	1000.000	1260.698	538044.15	0.1888	P	1.7
5	☐	2500.000	2846.243	572362.96	0.2000	P	0.7
6	☐	5000.000	4634.584	613074.57	0.2126	P	1.5
7	☐	10000.000	9763.703	714172.93	0.2487	P	2.3
8	☐	20000.000	20153.187	947437.66	0.3219	P	2.0
9	☐			462240.36	0.1639	P	0.5

$$y = 7.0474\text{E-}006 * x + 0.1799$$

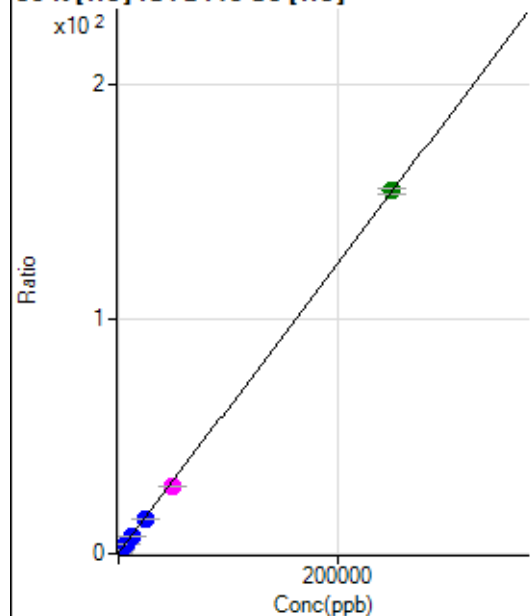
$$R = 0.9992$$

$$DL = 930.9$$

$$BEC = 2.553\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6221.11	0.1473	P	0.5
2	☐	50.000					
3	☐	500.000	457.577	17956.70	0.4291	P	2.5
4	☐	2500.000	2366.482	68059.10	1.6047	P	0.8
5	☐	6250.000	6048.550	159977.39	3.8722	P	0.2
6	☐	12500.000	12281.588	318690.71	7.7107	P	1.3
7	☐	25000.000	23846.260	617152.90	14.8325	P	3.1
8	☐	50000.000	46450.051	1234626.67	28.7525	M	1.4
9	☐	250000.00	250842.74	6667766.99	154.6232	A	1.7

$$y = 6.1583\text{E-}004 * x + 0.1473$$

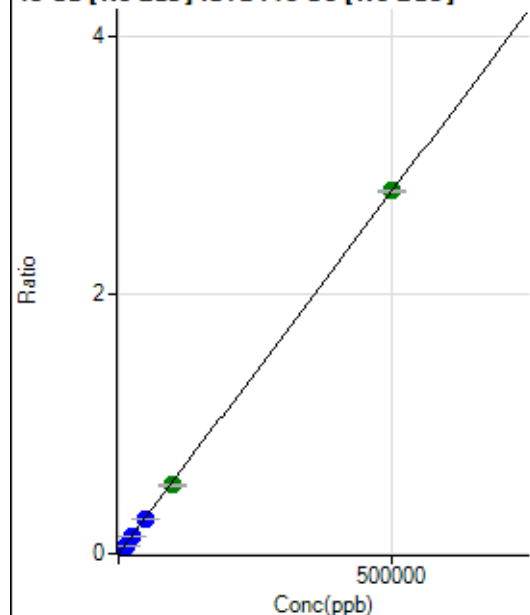
$$R = 0.9999$$

$$DL = 3.816$$

$$BEC = 239.2$$

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	403.35	0.0001	P	1.6
2	☐	50.000					
3	☐	500.000	435.872	7247.52	0.0026	P	0.1
4	☐	5000.000	4754.804	76189.18	0.0267	P	1.5
5	☐	12500.000	11843.149	189975.78	0.0664	P	1.5
6	☐	25000.000	23844.537	385008.16	0.1335	P	1.4
7	☐	50000.000	47729.912	766884.85	0.2671	P	2.0
8	☐	100000.00	94776.348	1560276.14	0.5302	A	1.9
9	☐	500000.00	501348.45	7908932.66	2.8040	A	0.4

$$y = 5.5926\text{E-}006 * x + 1.4276\text{E-}004$$

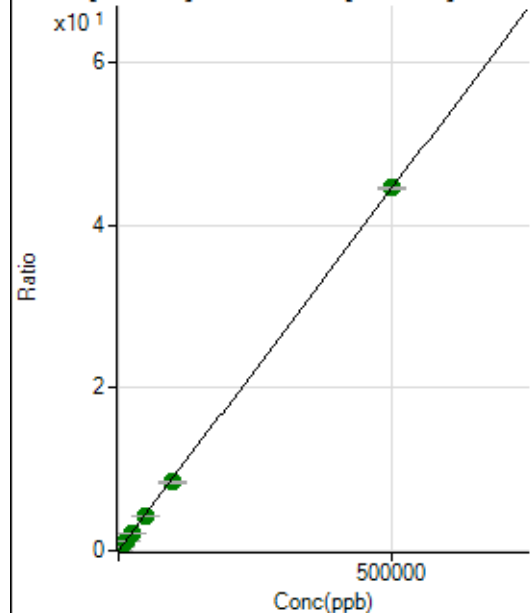
$$R = 0.9999$$

$$DL = 1.261$$

$$BEC = 25.53$$

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	82200.58	0.0291	P	1.3
2	☐	50.000					
3	☐	500.000	442.009	192199.59	0.0684	P	1.1
4	☐	5000.000	4891.623	1323598.88	0.4644	A	1.2
5	☐	12500.000	12067.438	3157127.17	1.1031	A	1.5
6	☐	25000.000	24078.110	6263798.73	2.1720	A	1.6
7	☐	50000.000	48139.835	12384310.79	4.3134	A	2.8
8	☐	100000.00	94638.984	24872792.13	8.4516	A	1.6
9	☐	500000.00	501316.27	125925391.4	44.6445	A	0.5

$$y = 8.8997\text{E-}005 * x + 0.0291$$

$$R = 0.9999$$

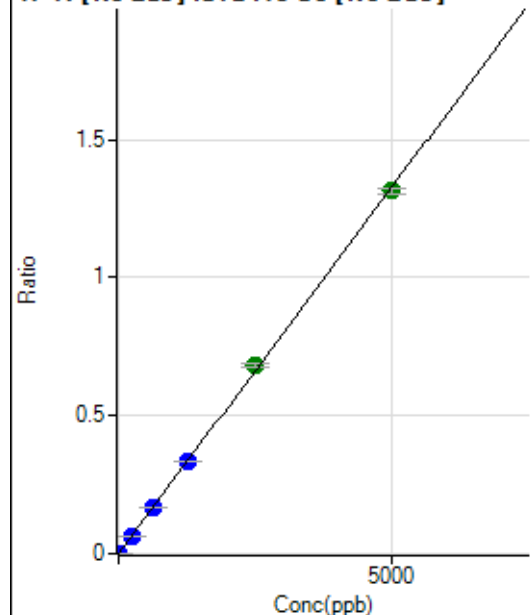
$$DL = 12.95$$

$$BEC = 326.9$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0001	P	14.0
2	☐	0.500					
3	☐	5.000	4.836	3772.89	0.0013	P	2.5
4	☐	250.000	247.690	187374.15	0.0657	P	1.3
5	☐	625.000	622.096	472359.43	0.1650	P	1.1
6	☐	1250.000	1256.574	961253.61	0.3333	P	1.3
7	☐	2500.000	2583.423	1967378.73	0.6852	A	2.1
8	☐	5000.000	4957.124	3868946.31	1.3147	A	1.7
9	☐			1125.09	0.0004	P	13.5

$$y = 2.6519\text{E-}004 * x + 6.0917\text{E-}005$$

$$R = 0.9998$$

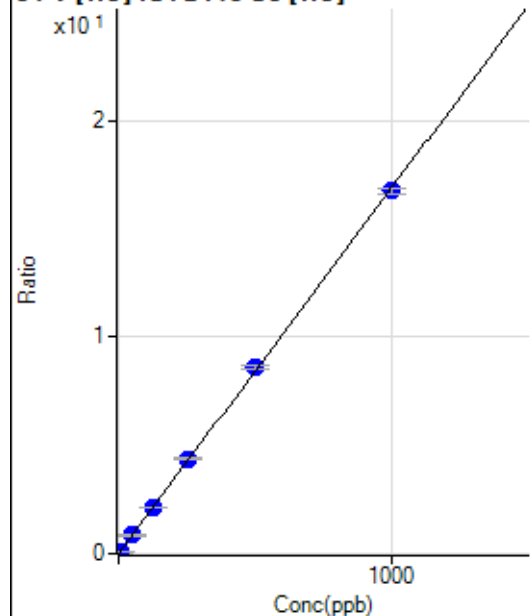
$$DL = 0.09615$$

$$BEC = 0.2297$$

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	31.11	0.0007	P	15.9
2	☐	0.500					
3	☐	5.000	5.060	3606.08	0.0862	P	1.3
4	☐	50.000	50.068	35878.32	0.8459	P	1.6
5	☐	125.000	127.114	88680.63	2.1466	P	0.5
6	☐	250.000	259.441	181039.97	4.3804	P	1.8
7	☐	500.000	509.832	358168.92	8.6073	P	2.3
8	☐	1000.000	992.456	719430.94	16.7546	P	1.4
9	☐			183.34	0.0043	P	31.7

$$y = 0.0169 * x + 7.3651\text{E-}004$$

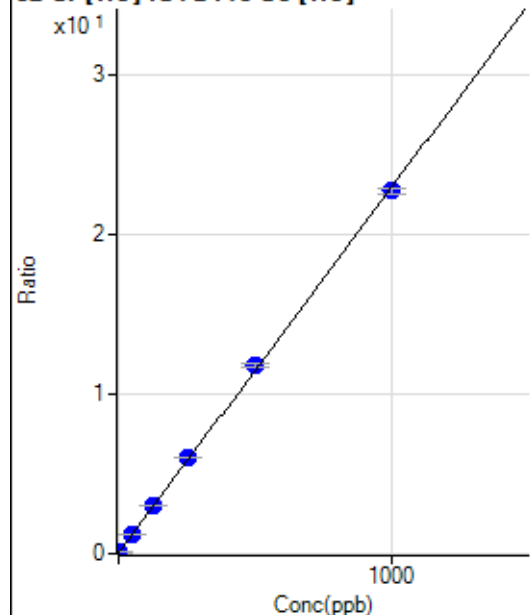
$$R = 0.9999$$

$$DL = 0.02088$$

$$BEC = 0.04363$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1815.71	0.0430	P	4.4
2	☐	0.200					
3	☐	2.000	1.805	3530.51	0.0844	P	3.7
4	☐	50.000	50.283	50691.54	1.1953	P	1.7
5	☐	125.000	130.457	125269.95	3.0325	P	1.8
6	☐	250.000	260.920	248896.92	6.0222	P	1.6
7	☐	500.000	511.859	489886.54	11.7727	P	2.3
8	☐	1000.000	990.645	976621.42	22.7444	P	1.5
9	☐			16974.91	0.3937	P	2.4

$$y = 0.0229 * x + 0.0430$$

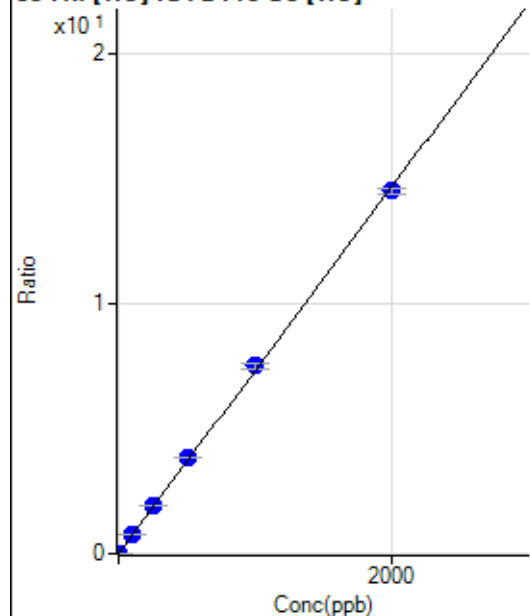
$$R = 0.9998$$

$$DL = 0.2475$$

$$BEC = 1.876$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.34	0.0027	P	10.2
2	☐	0.100					
3	☐	1.000	0.899	387.79	0.0093	P	8.0
4	☐	100.000	99.973	31202.84	0.7357	P	0.9
5	☐	250.000	260.424	79001.96	1.9122	P	0.8
6	☐	500.000	523.742	158831.83	3.8428	P	1.2
7	☐	1000.000	1025.327	312932.53	7.5205	P	2.7
8	☐	2000.000	1980.100	623514.14	14.5211	P	1.6
9	☐			3773.91	0.0875	P	3.7

$$y = 0.0073 * x + 0.0027$$

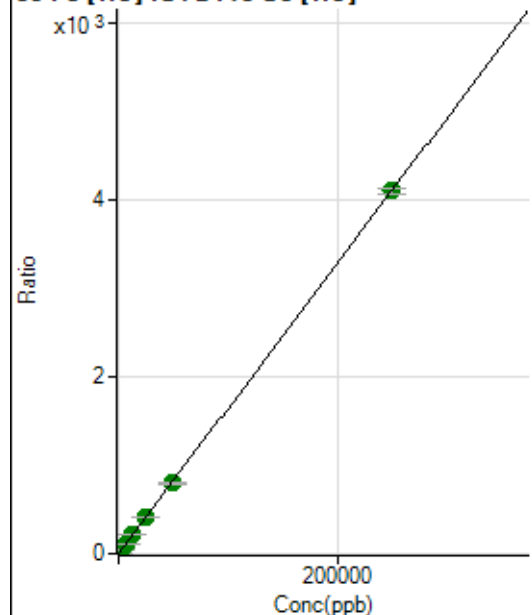
$$R = 0.9998$$

$$DL = 0.1118$$

$$BEC = 0.3659$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4011.82	0.0950	P	1.3
2	☐	5.000					
3	☐	50.000	50.131	38362.61	0.9167	P	1.6
4	☐	2500.000	2542.322	1771314.28	41.7649	A	1.1
5	☐	6250.000	6421.764	4352204.21	105.3508	A	1.1
6	☐	12500.000	12844.587	8705508.70	210.6239	A	1.3
7	☐	25000.000	25195.797	17188514.16	413.0662	A	2.4
8	☐	50000.000	48712.787	34287057.02	798.5209	A	1.7
9	☐	250000.00	250215.91	176852728.0	4,101.253	A	1.9

$$y = 0.0164 * x + 0.0950$$

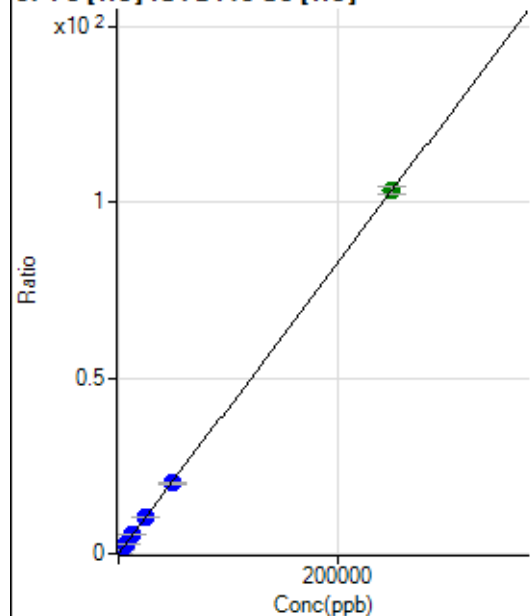
$$R = 1.0000$$

$$DL = 0.2234$$

$$BEC = 5.796$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.71	0.0025	P	30.0
2	☐	5.000					
3	☐	50.000	52.529	1009.33	0.0241	P	13.8
4	☐	2500.000	2443.550	42846.21	1.0103	P	2.3
5	☐	6250.000	6353.531	108368.65	2.6231	P	0.9
6	☐	12500.000	12908.559	220152.95	5.3268	P	1.9
7	☐	25000.000	25164.022	431959.41	10.3818	P	3.2
8	☐	50000.000	48712.958	862841.49	20.0950	P	1.7
9	☐	250000.00	250218.55	4450707.02	103.2096	A	2.1

$$y = 4.1247E-004 * x + 0.0025$$

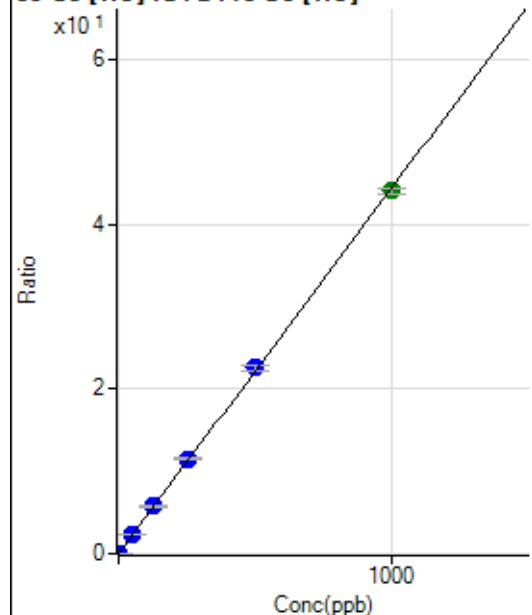
$$R = 1.0000$$

$$DL = 5.347$$

$$BEC = 5.949$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	117.78	0.0028	P	22.9
2	☐	0.100					
3	☐	1.000	0.912	1810.15	0.0432	P	3.6
4	☐	50.000	50.233	94647.29	2.2315	P	0.6
5	☐	125.000	129.207	236933.69	5.7353	P	1.1
6	☐	250.000	259.070	475178.22	11.4971	P	1.5
7	☐	500.000	508.329	938594.43	22.5560	P	2.4
8	☐	1000.000	993.030	1891860.91	44.0610	A	1.9
9	☐			23219.53	0.5384	P	1.7

$$y = 0.0444 * x + 0.0028$$

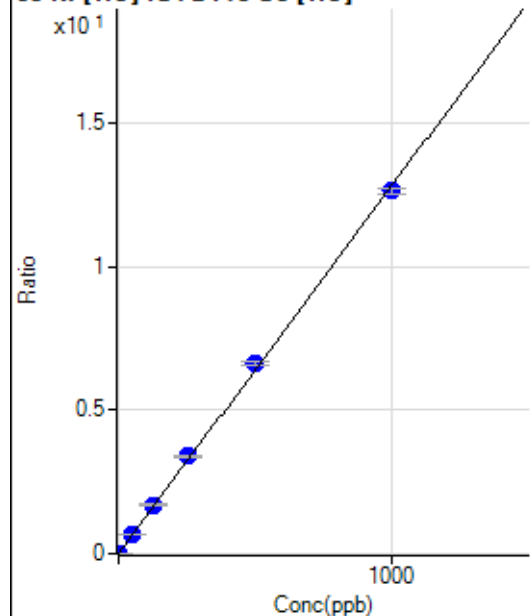
$$R = 0.9999$$

$$DL = 0.04321$$

$$BEC = 0.06279$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.23	0.0024	P	18.2
2	☐	0.100					
3	☐	1.000	0.991	631.14	0.0151	P	7.9
4	☐	50.000	51.239	27897.06	0.6578	P	2.0
5	☐	125.000	132.576	70153.60	1.6982	P	1.3
6	☐	250.000	265.149	140267.94	3.3940	P	2.0
7	☐	500.000	516.519	275021.68	6.6093	P	2.4
8	☐	1000.000	986.944	542164.00	12.6265	P	1.6
9	☐			10729.82	0.2488	P	1.7

$$y = 0.0128 * x + 0.0024$$

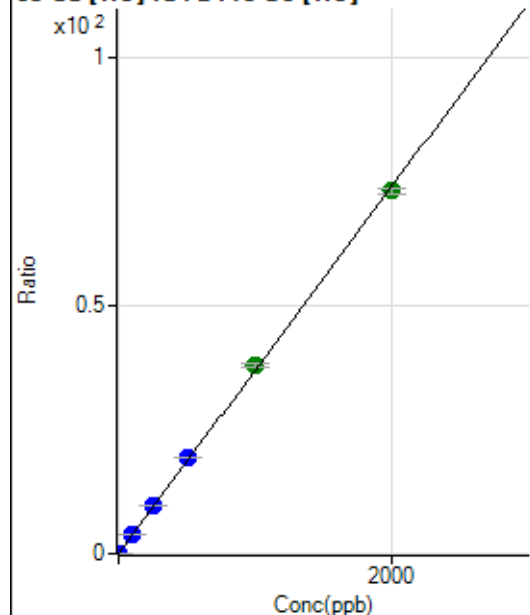
$$R = 0.9996$$

$$DL = 0.1035$$

$$BEC = 0.1891$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	183.34	0.0043	P	9.8
2	☐	0.200					
3	☐	2.000	1.875	3081.50	0.0736	P	4.0
4	☐	100.000	100.427	157625.37	3.7168	P	1.8
5	☐	250.000	261.382	399344.23	9.6668	P	1.0
6	☐	500.000	523.759	800386.08	19.3660	P	1.8
7	☐	1000.000	1029.950	1584499.56	38.0782	A	2.4
8	☐	2000.000	1977.641	3139368.42	73.1112	A	1.4
9	☐			5491.17	0.1273	P	2.9

$$y = 0.0370 * x + 0.0043$$

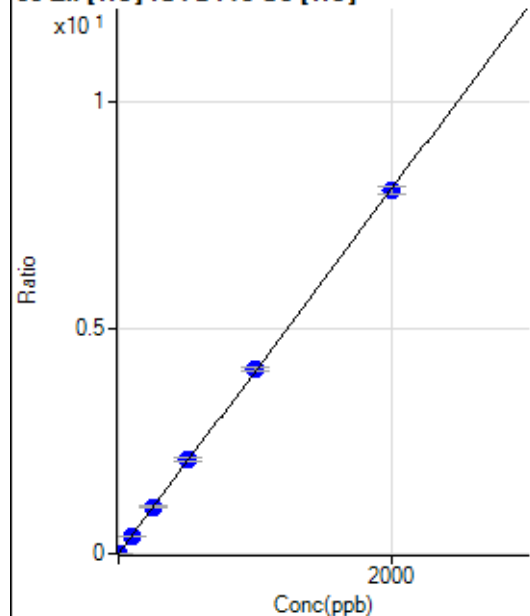
$$R = 0.9997$$

$$DL = 0.03449$$

$$BEC = 0.1174$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0020	P	8.2
2	☐	0.200					
3	☐	2.000	2.139	444.46	0.0106	P	5.3
4	☐	100.000	98.895	17025.12	0.4014	P	1.1
5	☐	250.000	256.972	42952.01	1.0398	P	1.9
6	☐	500.000	516.518	86289.60	2.0880	P	2.4
7	☐	1000.000	1011.022	169994.61	4.0851	P	2.1
8	☐	2000.000	1989.543	345074.98	8.0369	P	2.1
9	☐			3411.60	0.0791	P	3.5

$$y = 0.0040 * x + 0.0020$$

$$R = 0.9999$$

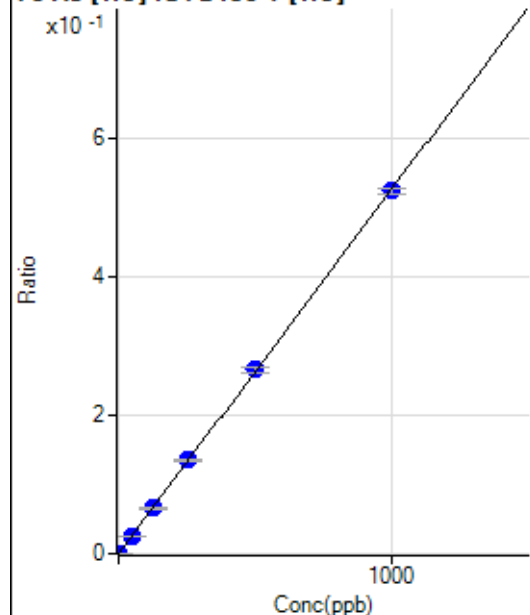
$$DL = 0.1208$$

$$BEC = 0.4887$$

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	9.88	0.0000	P	78.9
2	☐	0.100					
3	☐	1.000	0.933	124.69	0.0005	P	7.9
4	☐	50.000	49.271	6188.47	0.0259	P	1.5
5	☐	125.000	124.462	15479.73	0.0655	P	1.3
6	☐	250.000	256.093	31811.87	0.1347	P	0.8
7	☐	500.000	505.057	63176.22	0.2655	P	2.9
8	☐	1000.000	996.052	126684.65	0.5237	P	1.5
9	☐			178.40	0.0007	P	18.4

$$y = 5.2569\text{E-}004 * x + 4.2532\text{E-}005$$

$$R = 1.0000$$

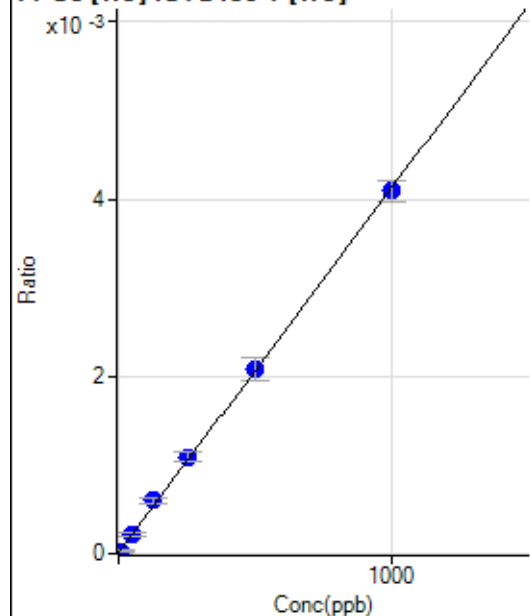
$$DL = 0.1915$$

$$BEC = 0.08091$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	3.426	5.56	0.0000	P	91.8
4	☐	50.000	48.634	50.00	0.0002	P	23.8
5	☐	125.000	143.854	142.22	0.0006	P	10.4
6	☐	250.000	262.744	257.78	0.0011	P	10.2
7	☐	500.000	504.247	495.57	0.0021	P	11.9
8	☐	1000.000	992.410	990.05	0.0041	P	5.8
9	☐			3.33	0.0000	P	100.

$$y = 4.1142\text{E-}006 * x + 9.4581\text{E-}006$$

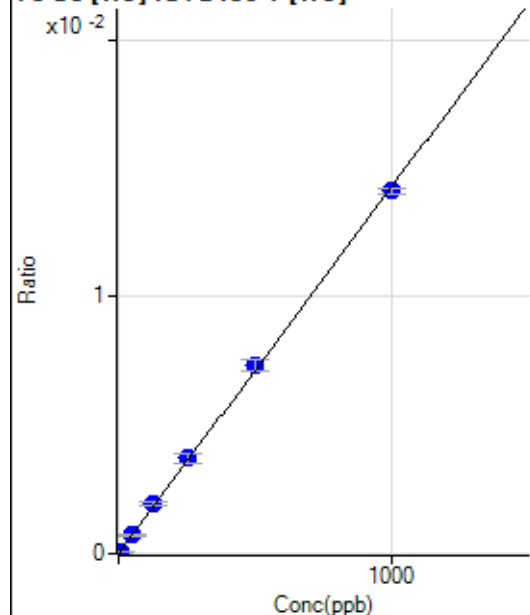
$$R = 0.9997$$

$$DL = 11.95$$

$$BEC = 2.299$$

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	1.85	0.0000	P	100.
2	☐	0.500					
3	☐	5.000	5.540	20.37	0.0001	P	23.1
4	☐	50.000	50.618	174.08	0.0007	P	5.9
5	☐	125.000	133.631	452.48	0.0019	P	7.6
6	☐	250.000	260.066	878.43	0.0037	P	10.3
7	☐	500.000	513.593	1743.34	0.0073	P	5.9
8	☐	1000.000	989.575	3415.89	0.0141	P	1.3
9	☐			4.94	0.0000	P	43.6

$$y = 1.4260\text{E-}005 * x + 7.9624\text{E-}006$$

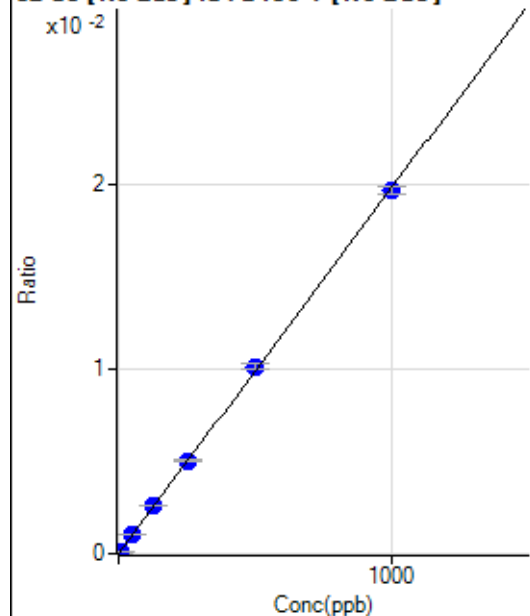
$$R = 0.9998$$

$$DL = 1.685$$

$$BEC = 0.5584$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-82.73	0.0000	P	-59.
2	☐	0.500					
3	☐	5.000	4.621	259.43	0.0001	P	15.7
4	☐	50.000	51.514	3767.16	0.0010	P	3.0
5	☐	125.000	129.235	9788.82	0.0025	P	0.5
6	☐	250.000	253.416	19493.61	0.0050	P	1.6
7	☐	500.000	512.258	39752.52	0.0101	P	2.6
8	☐	1000.000	992.414	79503.53	0.0196	P	2.0
9	☐			-53.43	0.0000	P	-44.

$$y = 1.9804\text{E-}005 * x - 2.2118\text{E-}005$$

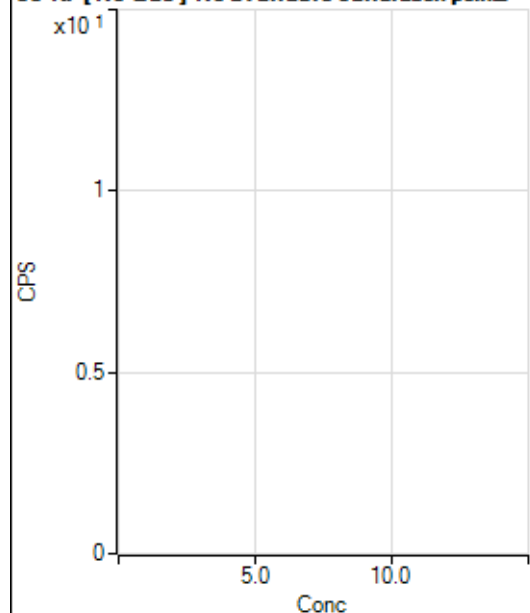
$$R = 0.9999$$

$$DL = 2.003$$

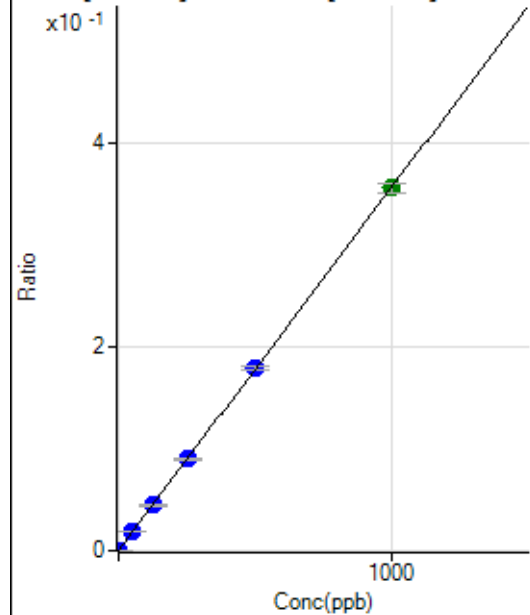
$$BEC = -1.117$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			622.25		P	8.9
2	☐						
3	☐			631.14		P	4.6
4	☐			605.58		P	1.7
5	☐			648.92		P	2.4
6	☐			617.80		P	6.7
7	☐			558.91		P	10.5
8	☐			618.92		P	12.1
9	☐			615.58		P	0.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	841.74	0.0002	P	11.9
2	☐	0.100					
3	☐	1.000	0.815	1922.45	0.0005	P	4.1
4	☐	50.000	50.250	68383.18	0.0181	P	2.0
5	☐	125.000	124.192	171451.06	0.0444	P	0.8
6	☐	250.000	251.630	350383.90	0.0898	P	1.4
7	☐	500.000	501.184	701614.93	0.1787	P	2.5
8	☐	1000.000	999.089	1441412.79	0.3559	A	2.4
9	☐			6643.62	0.0018	P	1.6

$$y = 3.5602E-004 * x + 2.2531E-004$$

$$R = 1.0000$$

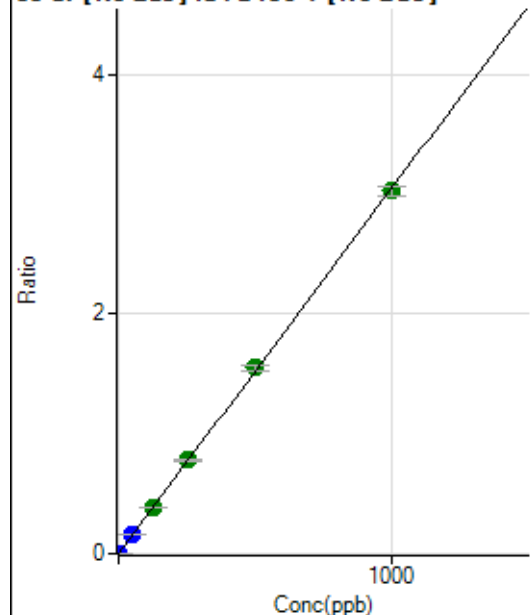
$$DL = 0.2256$$

$$BEC = 0.6329$$

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	91.67	0.0000	P	26.2
2	☐	0.100					
3	☐	1.000	0.920	10535.02	0.0028	P	3.5
4	☐	50.000	50.232	577309.99	0.1529	P	0.3
5	☐	125.000	126.976	1491169.35	0.3865	A	1.9
6	☐	250.000	256.097	3041396.53	0.7796	A	1.7
7	☐	500.000	509.009	6084609.47	1.5494	A	2.9
8	☐	1000.000	993.713	12249907.48	3.0249	A	2.3
9	☐			52393.30	0.0140	P	1.3

$$y = 0.0030 * x + 2.4517E-005$$

$$R = 0.9999$$

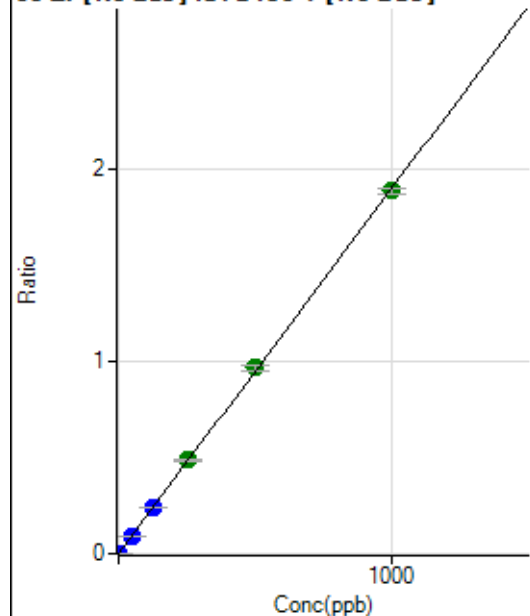
$$DL = 0.006342$$

$$BEC = 0.008054$$

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	202.79	0.0001	P	15.0
2	☐	0.100					
3	☐	1.000	0.911	6651.94	0.0018	P	1.9
4	☐	50.000	49.816	357071.37	0.0946	P	0.6
5	☐	125.000	125.020	915476.55	0.2373	P	1.8
6	☐	250.000	256.277	1897527.56	0.4864	A	2.0
7	☐	500.000	508.619	3790713.67	0.9653	A	2.7
8	☐	1000.000	994.128	7640993.49	1.8866	A	1.8
9	☐			3136.63	0.0008	P	4.9

$$y = 0.0019 * x + 5.4351E-005$$

$$R = 0.9999$$

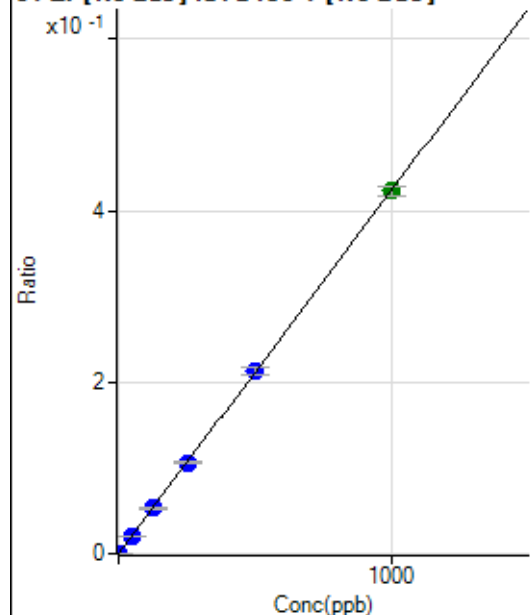
$$DL = 0.01289$$

$$BEC = 0.02864$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	35.6
2	☐	0.100					
3	☐	1.000	0.898	1475.16	0.0004	P	2.4
4	☐	50.000	49.673	79459.87	0.0210	P	1.4
5	☐	125.000	125.239	204637.05	0.0530	P	1.7
6	☐	250.000	250.637	414115.82	0.1061	P	1.7
7	☐	500.000	502.554	835622.42	0.2128	P	3.5
8	☐	1000.000	998.550	1712289.77	0.4228	A	2.5
9	☐			794.50	0.0002	P	7.0

$$y = 4.2343\text{E-}004 * x + 1.4928\text{E-}005$$

$$R = 1.0000$$

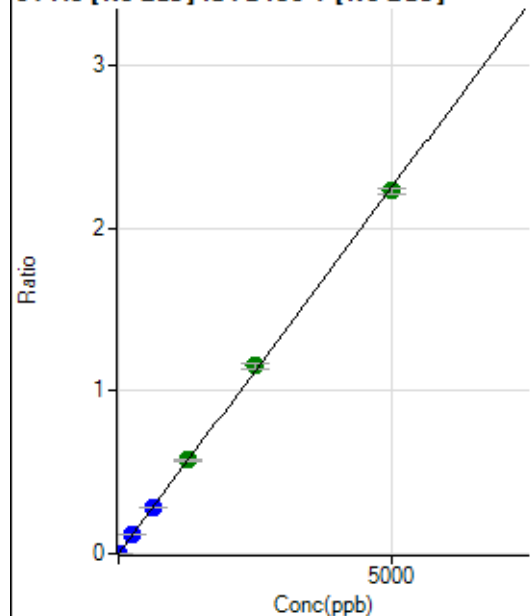
$$DL = 0.03761$$

$$BEC = 0.03525$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0000	P	13.8
2	☐	0.500					
3	☐	5.000	4.650	7966.60	0.0021	P	3.9
4	☐	250.000	253.189	430475.29	0.1140	P	0.9
5	☐	625.000	632.082	1098018.62	0.2846	P	1.9
6	☐	1250.000	1281.678	2251546.69	0.5771	A	1.4
7	☐	2500.000	2569.615	4542986.13	1.1570	A	3.4
8	☐	5000.000	4956.229	9037886.05	2.2315	A	1.7
9	☐			5601.40	0.0015	P	2.7

$$y = 4.5024\text{E-}004 * x + 4.1683\text{E-}005$$

$$R = 0.9998$$

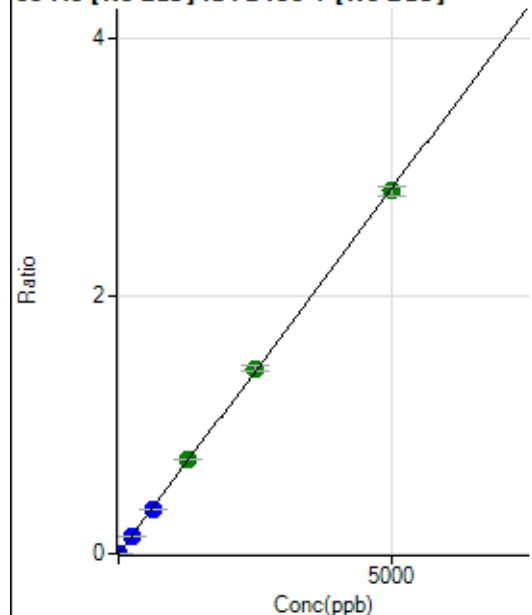
$$DL = 0.03832$$

$$BEC = 0.09258$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	15.4
2	☐	0.500					
3	☐	5.000	4.904	10390.59	0.0028	P	3.6
4	☐	250.000	246.785	526638.19	0.1395	P	0.1
5	☐	625.000	611.699	1333925.69	0.3458	P	1.5
6	☐	1250.000	1286.892	2838036.24	0.7274	A	0.9
7	☐	2500.000	2539.213	5635629.21	1.4353	A	3.5
8	☐	5000.000	4972.994	11382980.03	2.8109	A	2.5
9	☐			7760.88	0.0021	P	4.7

$$y = 5.6524E-004 * x + 1.3378E-005$$

$$R = 0.9999$$

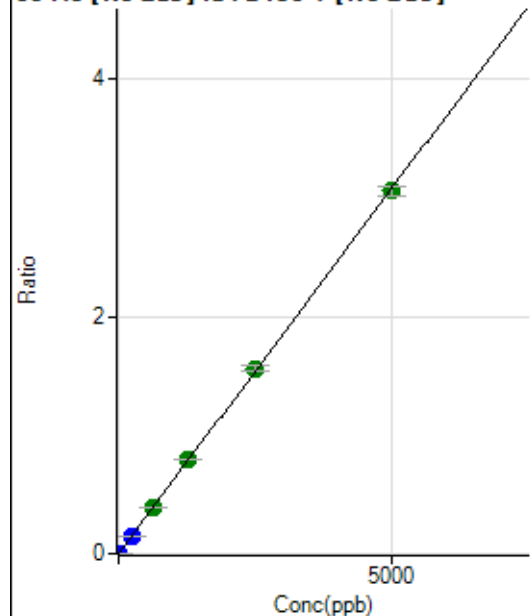
$$DL = 0.01094$$

$$BEC = 0.02367$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	30.2
2	☐	0.500					
3	☐	5.000	4.634	10740.92	0.0029	P	1.5
4	☐	250.000	249.462	579301.67	0.1535	P	0.4
5	☐	625.000	631.686	1498976.61	0.3885	A	1.3
6	☐	1250.000	1284.279	3081920.36	0.7899	A	1.0
7	☐	2500.000	2538.209	6130229.26	1.5611	A	3.4
8	☐	5000.000	4971.517	12381308.87	3.0577	A	3.0
9	☐			9120.12	0.0024	P	3.1

$$y = 6.1505E-004 * x + 2.8292E-005$$

$$R = 0.9999$$

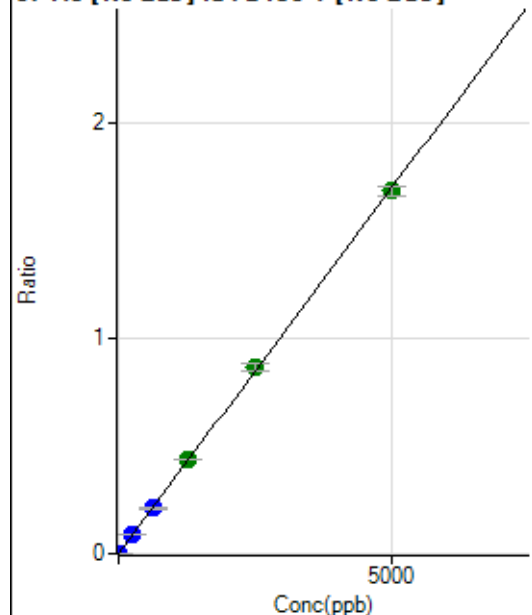
$$DL = 0.0417$$

$$BEC = 0.046$$

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	166.68	0.0000	P	22.9
2	☐	0.500					
3	☐	5.000	4.796	6248.93	0.0017	P	5.4
4	☐	250.000	251.072	322082.01	0.0853	P	0.5
5	☐	625.000	623.123	816608.94	0.2117	P	1.8
6	☐	1250.000	1285.849	1704039.23	0.4368	A	1.2
7	☐	2500.000	2555.252	3407917.65	0.8679	A	3.4
8	☐	5000.000	4963.593	6826951.24	1.6859	A	2.5
9	☐			4937.27	0.0013	P	2.1

$$y = 3.3964\text{E-}004 * x + 4.4740\text{E-}005$$

$$R = 0.9999$$

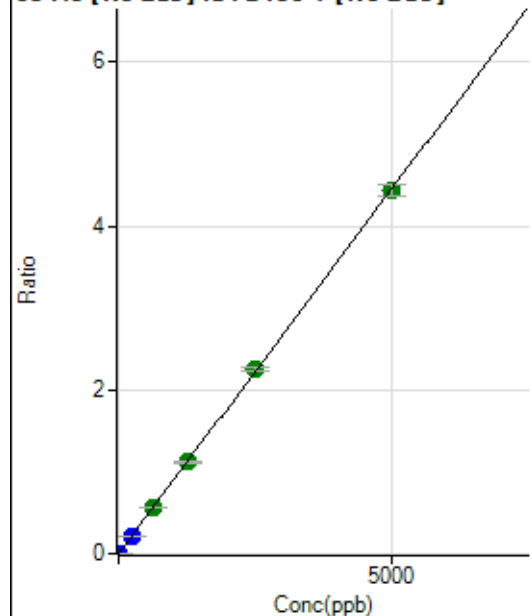
$$DL = 0.09051$$

$$BEC = 0.1317$$

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	58.34	0.0000	P	49.9
2	☐	0.500					
3	☐	5.000	4.715	15706.99	0.0042	P	1.2
4	☐	250.000	247.912	832460.33	0.2205	P	1.1
5	☐	625.000	631.660	2167659.38	0.5619	A	0.9
6	☐	1250.000	1264.739	4388828.44	1.1250	A	1.8
7	☐	2500.000	2534.943	8854782.93	2.2548	A	2.8
8	☐	5000.000	4978.116	17928284.08	4.4280	A	3.3
9	☐			12269.96	0.0033	P	4.9

$$y = 8.8948\text{E-}004 * x + 1.5648\text{E-}005$$

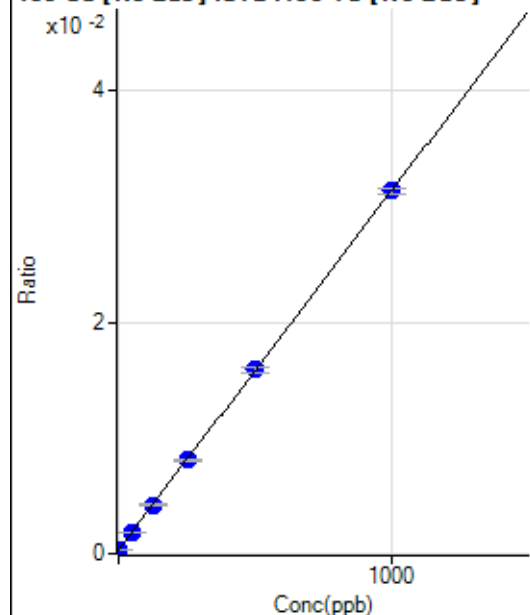
$$R = 1.0000$$

$$DL = 0.02634$$

$$BEC = 0.01759$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1100.10	0.0003	P	6.8
2	☐	0.100					
3	☐	1.000	1.246	1225.11	0.0004	P	5.3
4	☐	50.000	48.382	6051.64	0.0018	P	5.4
5	☐	125.000	124.998	14577.99	0.0042	P	1.9
6	☐	250.000	248.860	28094.21	0.0081	P	3.5
7	☐	500.000	501.263	56120.78	0.0159	P	3.9
8	☐	1000.000	999.734	115690.37	0.0313	P	1.6
9	☐			963.97	0.0003	P	3.5

$$y = 3.0993\text{E-}005 * x + 3.4372\text{E-}004$$

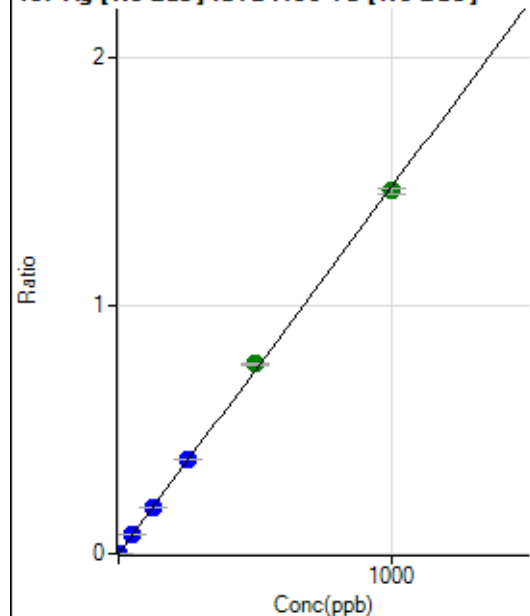
$$R = 1.0000$$

$$DL = 2.258$$

$$BEC = 11.09$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	36.7
2	☐	0.100					
3	☐	1.000	0.962	4617.64	0.0014	P	11.4
4	☐	50.000	52.055	252456.02	0.0769	P	1.8
5	☐	125.000	126.582	646083.10	0.1869	P	1.3
6	☐	250.000	257.080	1323953.09	0.3796	P	1.4
7	☐	500.000	516.726	2697363.12	0.7630	A	1.9
8	☐	1000.000	989.567	5395000.99	1.4612	A	1.8
9	☐			889.86	0.0003	P	38.1

$$y = 0.0015 * x + 2.0778\text{E-}005$$

$$R = 0.9998$$

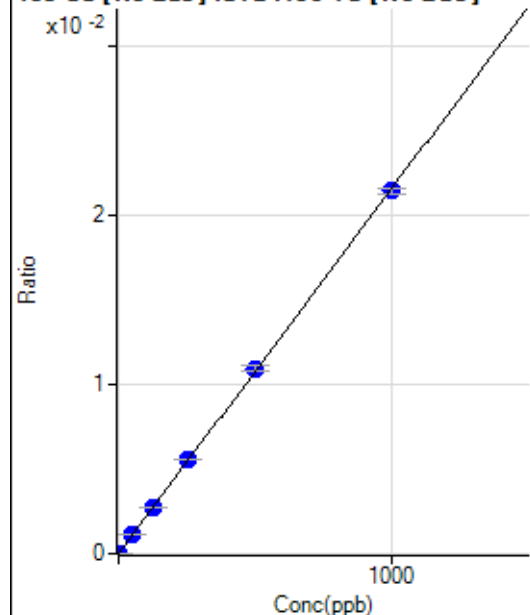
$$DL = 0.0155$$

$$BEC = 0.01407$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	66.5
2	☐	0.100					
3	☐	1.000	1.007	81.95	0.0000	P	14.8
4	☐	50.000	51.557	3658.92	0.0011	P	4.7
5	☐	125.000	125.604	9363.16	0.0027	P	2.1
6	☐	250.000	256.781	19303.03	0.0055	P	0.9
7	☐	500.000	507.185	38622.15	0.0109	P	3.0
8	☐	1000.000	994.559	79099.96	0.0214	P	1.6
9	☐			23.61	0.0000	P	98.3

$$y = 2.1536E-005 * x + 3.8949E-006$$

$$R = 0.9999$$

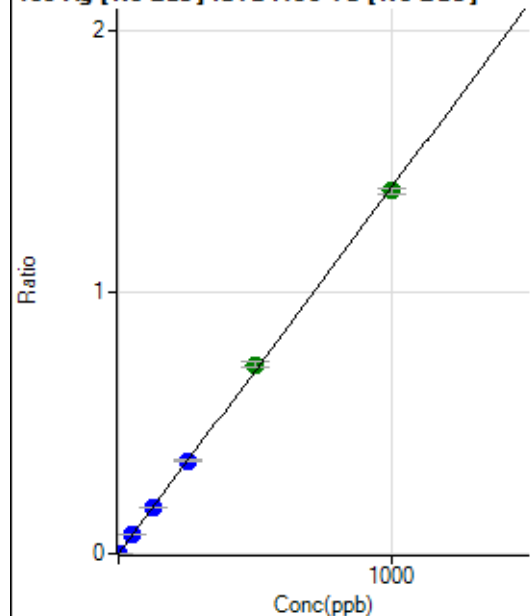
$$DL = 0.361$$

$$BEC = 0.1809$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.55	0.0000	P	15.9
2	☐	0.100					
3	☐	1.000	0.934	4214.75	0.0013	P	5.1
4	☐	50.000	52.274	239939.80	0.0731	P	0.3
5	☐	125.000	125.704	607205.90	0.1757	P	1.4
6	☐	250.000	253.589	1235895.28	0.3544	P	2.1
7	☐	500.000	515.901	2548523.10	0.7210	A	2.6
8	☐	1000.000	990.951	5113382.49	1.3848	A	1.4
9	☐			369.46	0.0001	P	24.7

$$y = 0.0014 * x + 9.5440E-006$$

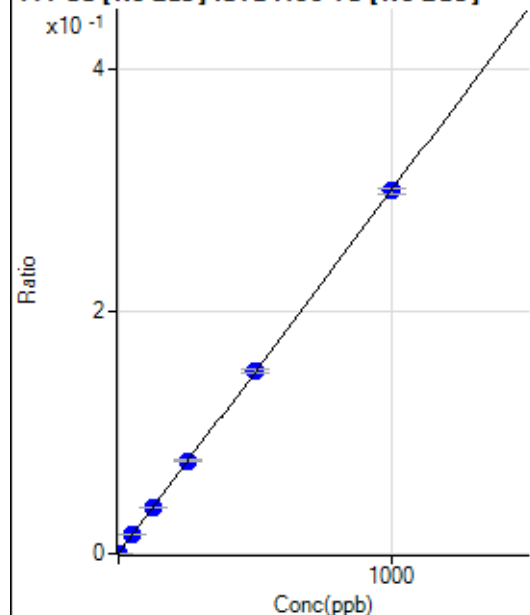
$$R = 0.9998$$

$$DL = 0.003251$$

$$BEC = 0.006829$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	766.87	0.0002	P	7.3
2	☐	0.100					
3	☐	1.000	1.001	1730.83	0.0005	P	2.7
4	☐	50.000	51.043	51116.98	0.0156	P	0.2
5	☐	125.000	125.139	130698.65	0.0378	P	0.7
6	☐	250.000	254.154	266976.58	0.0766	P	1.7
7	☐	500.000	501.452	533063.49	0.1508	P	2.6
8	☐	1000.000	998.166	1107462.75	0.2999	P	1.7
9	☐			794.37	0.0002	P	5.2

$$y = 3.0026\text{E-}004 * x + 2.3960\text{E-}004$$

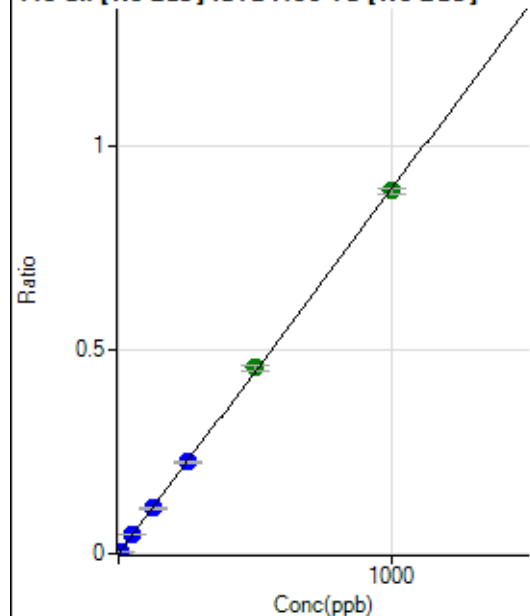
$$R = 1.0000$$

$$DL = 0.1747$$

$$BEC = 0.798$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	252.79	0.0001	P	18.7
2	☐	0.500					
3	☐	5.000	4.841	14146.93	0.0044	P	3.4
4	☐	50.000	50.306	148251.60	0.0451	P	0.4
5	☐	125.000	123.903	383917.39	0.1111	P	1.1
6	☐	250.000	251.543	786142.98	0.2254	P	1.7
7	☐	500.000	509.394	1613183.03	0.4564	A	3.3
8	☐	1000.000	995.040	3291741.28	0.8915	A	1.4
9	☐			2792.09	0.0009	P	7.9

$$y = 8.9583\text{E-}004 * x + 7.9020\text{E-}005$$

$$R = 0.9999$$

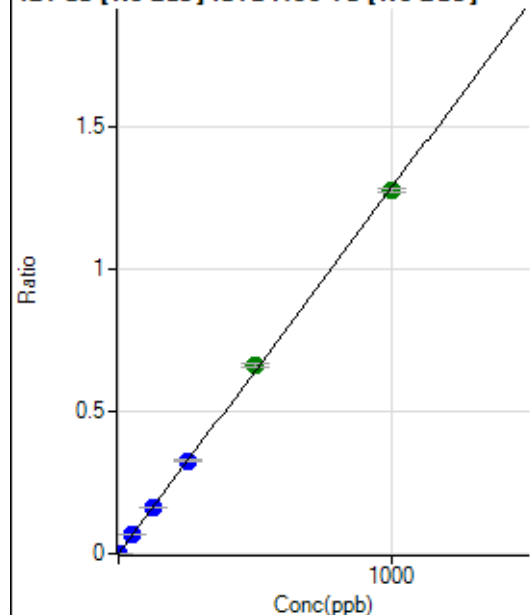
$$DL = 0.04957$$

$$BEC = 0.08821$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	35.0
2	☐	0.200					
3	☐	2.000	1.844	7619.17	0.0024	P	3.5
4	☐	50.000	50.712	213811.87	0.0651	P	1.7
5	☐	125.000	124.285	551509.68	0.1596	P	1.1
6	☐	250.000	254.520	1139555.98	0.3268	P	1.6
7	☐	500.000	514.347	2334077.59	0.6603	A	2.6
8	☐	1000.000	991.750	4701304.23	1.2732	A	1.1
9	☐			5395.76	0.0017	P	2.6

$$y = 0.0013 * x + 1.1268E-005$$

$$R = 0.9998$$

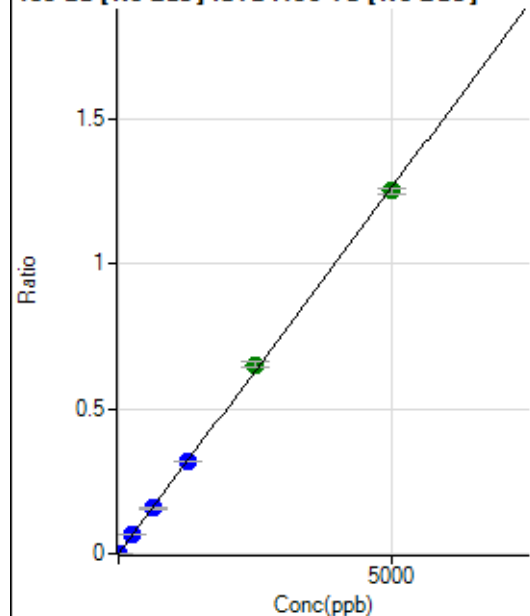
$$DL = 0.009215$$

$$BEC = 0.008778$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0000	P	96.4
2	☐	1.000					
3	☐	10.000	9.607	7791.58	0.0024	P	6.4
4	☐	250.000	254.251	210622.35	0.0641	P	1.1
5	☐	625.000	617.771	538612.10	0.1558	P	1.5
6	☐	1250.000	1265.952	1113747.84	0.3193	P	1.0
7	☐	2500.000	2578.037	2298469.48	0.6503	A	3.2
8	☐	5000.000	4957.685	4617400.45	1.2505	A	1.4
9	☐			600.05	0.0002	P	17.2

$$y = 2.5224E-004 * x + 8.6632E-006$$

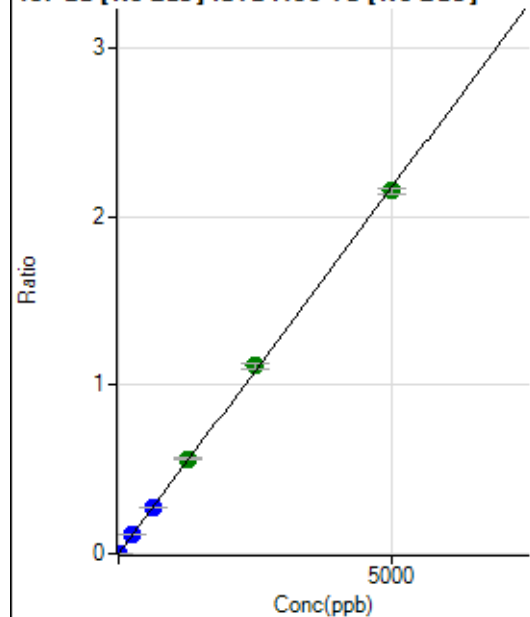
$$R = 0.9998$$

$$DL = 0.09938$$

$$BEC = 0.03435$$

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	69.45	0.0000	P	36.9
2	☐	1.000					
3	☐	10.000	9.595	13418.57	0.0042	P	2.4
4	☐	250.000	256.807	366236.46	0.1115	P	0.6
5	☐	625.000	626.507	940269.53	0.2720	P	1.6
6	☐	1250.000	1291.642	1955918.75	0.5608	A	1.7
7	☐	2500.000	2564.937	3936713.11	1.1137	A	2.6
8	☐	5000.000	4956.593	7945993.32	2.1521	A	1.8
9	☐			1058.42	0.0003	P	5.7

$$y = 4.3419\text{E-}004 * x + 2.1717\text{E-}005$$

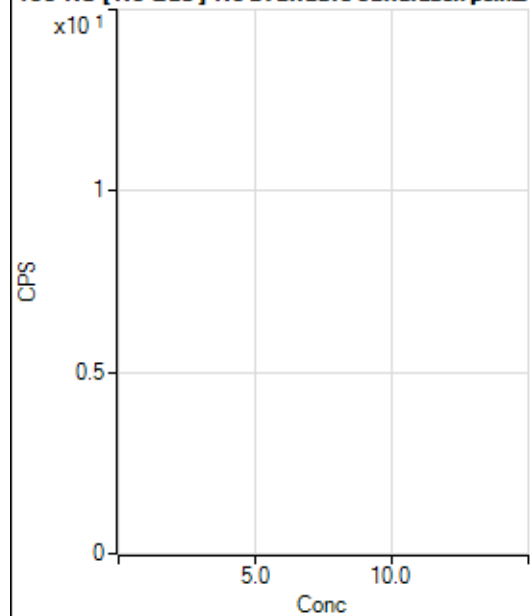
$$R = 0.9998$$

$$DL = 0.05542$$

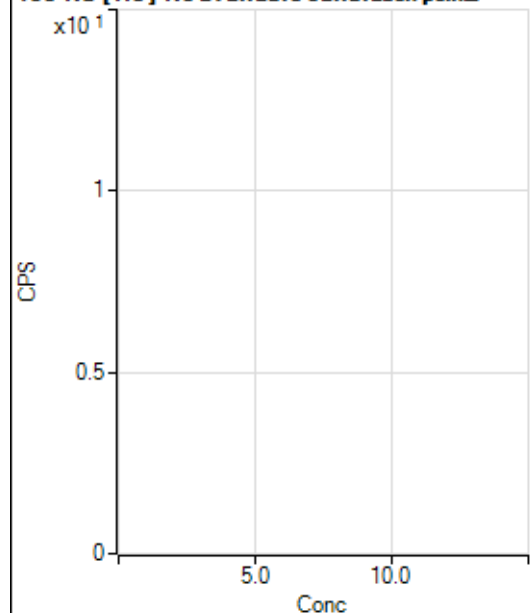
$$BEC = 0.05002$$

Weight: <None>

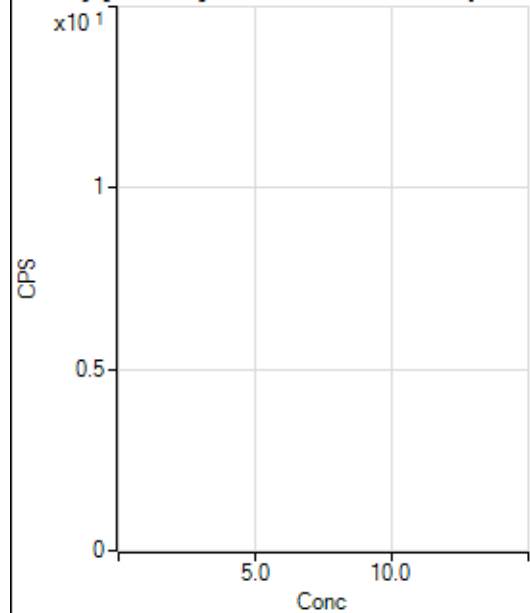
Min Conc: 0

150 Nd [No Gas] No available calibration points

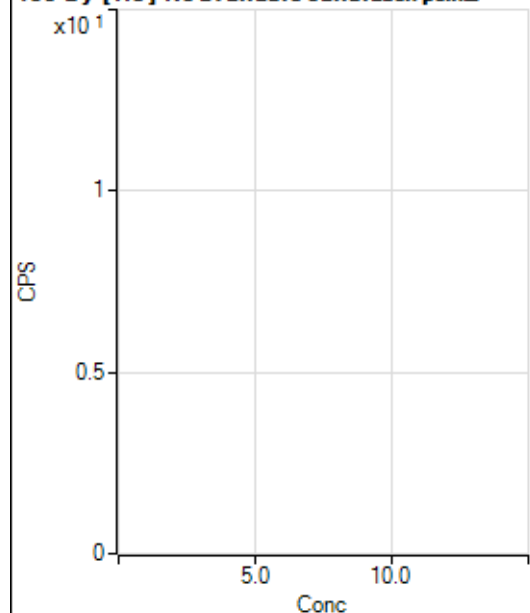
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	86.6
2	☐						
3	☐			13.33		P	100.
4	☐			8.89		P	43.3
5	☐			37.78		P	44.4
6	☐			55.56		P	30.2
7	☐			80.00		P	30.0
8	☐			184.45		P	29.4
9	☐			91.11		P	16.9

150 Nd [He] No available calibration points

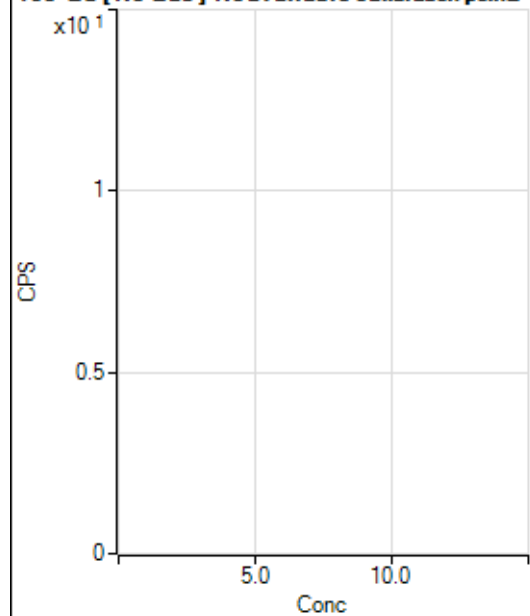
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			1.11		P	173.
7	☐			2.22		P	86.6
8	☐			13.33		P	NaN
9	☐			13.33		P	25.0

156 Dy [No Gas] No available calibration points

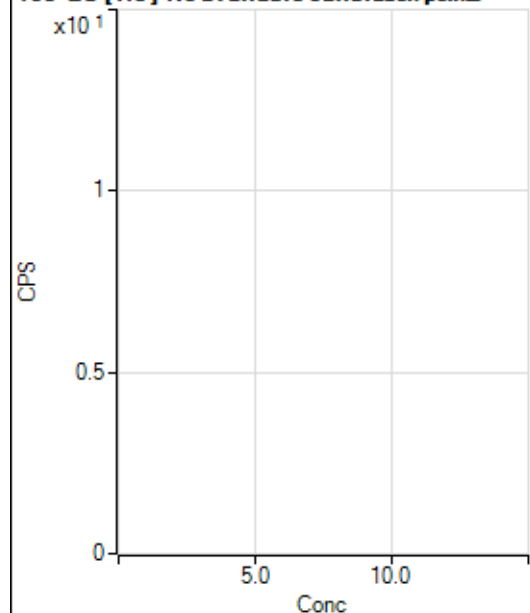
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	100.
2	☐						
3	☐			36.11		P	35.3
4	☐			16.67		P	100.
5	☐			19.44		P	65.5
6	☐			30.55		P	15.7
7	☐			38.89		P	44.6
8	☐			63.89		P	19.9
9	☐			27.78		P	17.3

156 Dy [He] No available calibration points

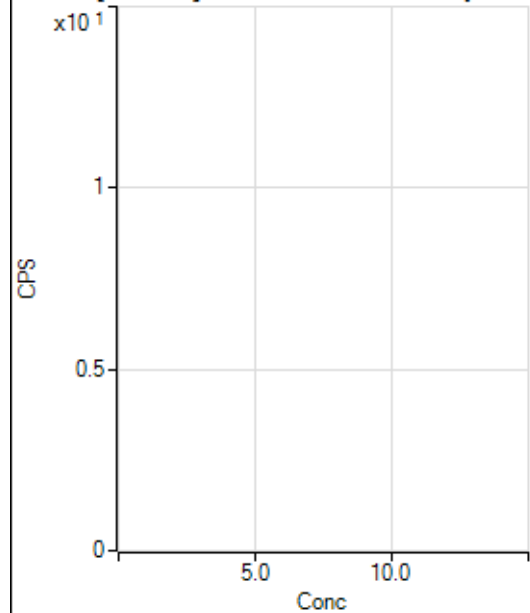
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			2.22		P	86.6
4	☐			0.00		P	
5	☐			1.11		P	173.
6	☐			1.11		P	173.
7	☐			4.44		P	114.
8	☐			13.33		P	100.
9	☐			6.67		P	86.6

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

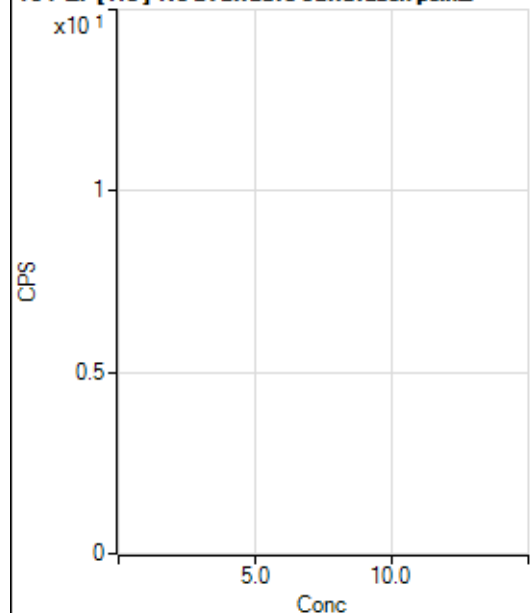
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	25.0
2	☐						
3	☐			58.34		P	28.6
4	☐			36.11		P	74.2
5	☐			41.67		P	34.6
6	☐			50.00		P	33.3
7	☐			41.67		P	20.0
8	☐			52.78		P	9.1
9	☐			55.56		P	8.7

160 Gd [He] No available calibration points

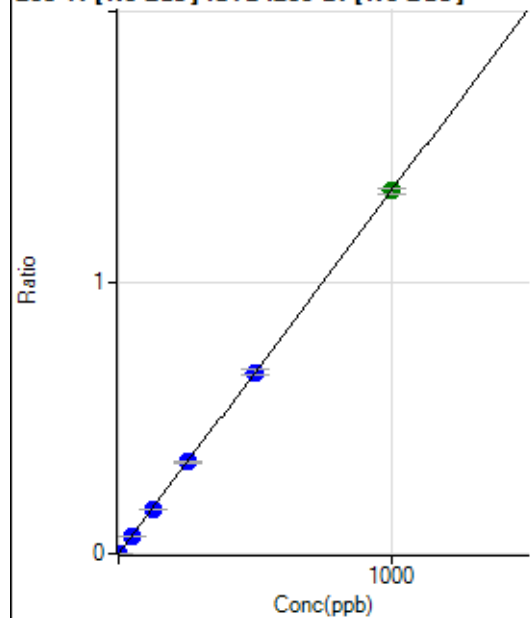
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.1
2	☐						
3	☐			5.56		P	91.6
4	☐			8.89		P	43.3
5	☐			10.00		P	0.0
6	☐			7.78		P	65.5
7	☐			20.00		P	50.0
8	☐			11.11		P	69.3
9	☐			14.44		P	13.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			27.78		P	45.8
4	☐			25.00		P	66.7
5	☐			16.67		P	50.0
6	☐			16.67		P	50.0
7	☐			25.00		P	66.7
8	☐			19.45		P	24.7
9	☐			16.67		P	86.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			4.44		P	173.
4	☐			4.44		P	43.4
5	☐			5.56		P	34.7
6	☐			2.22		P	173.
7	☐			6.67		P	50.0
8	☐			2.22		P	173.
9	☐			7.78		P	24.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	208.34	0.0001	P	9.1
2	☐	0.100					
3	☐	1.000	0.862	2225.30	0.0013	P	6.1
4	☐	50.000	49.077	119172.36	0.0658	P	1.8
5	☐	125.000	123.799	311860.23	0.1658	P	0.4
6	☐	250.000	252.479	638285.47	0.3381	P	1.6
7	☐	500.000	499.868	1298042.50	0.6692	P	3.0
8	☐	1000.000	999.643	2690484.91	1.3382	A	1.8
9	☐			1125.11	0.0007	P	6.1

$$y = 0.0013 * x + 1.1808E-004$$

$$R = 1.0000$$

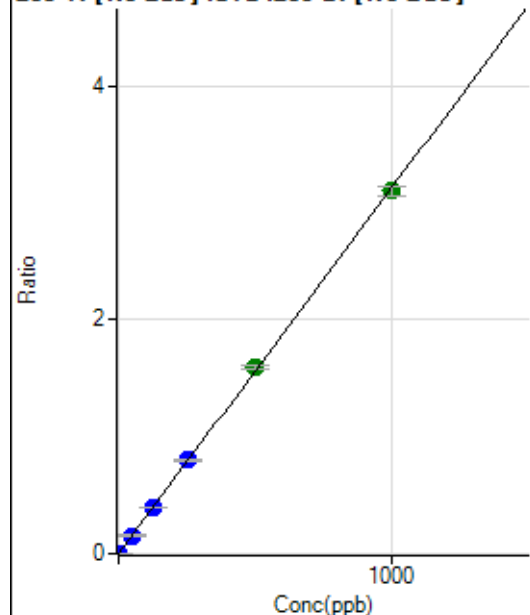
$$DL = 0.02417$$

$$BEC = 0.08822$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	463.92	0.0003	P	23.6
2	☐	0.100					
3	☐	1.000	0.908	5431.97	0.0031	P	3.4
4	☐	50.000	49.753	282158.69	0.1558	P	1.9
5	☐	125.000	125.590	738916.98	0.3929	P	1.0
6	☐	250.000	255.379	1507978.80	0.7987	P	1.6
7	☐	500.000	511.863	3105021.38	1.6006	A	2.4
8	☐	1000.000	992.663	6239792.55	3.1038	A	2.7
9	☐			2767.12	0.0017	P	4.5

$$y = 0.0031 * x + 2.6381E-004$$

$$R = 0.9999$$

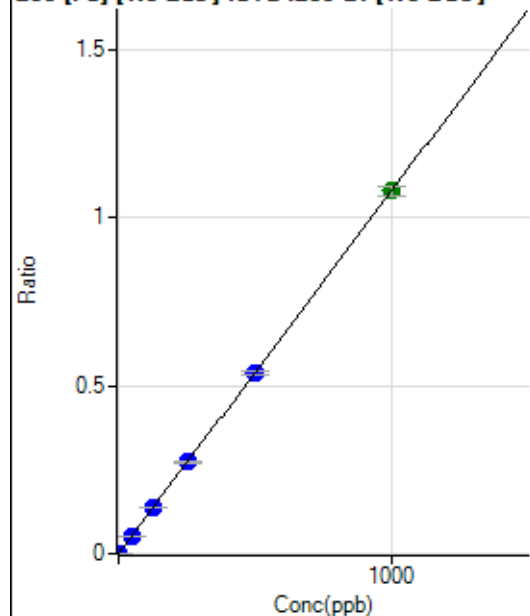
$$DL = 0.05962$$

$$BEC = 0.08438$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	218.53	0.0001	P	7.4
2	☐	0.100					
3	☐	1.000	0.909	1937.25	0.0011	P	2.3
4	☐	50.000	49.389	96844.92	0.0535	P	1.5
5	☐	125.000	124.965	254117.34	0.1351	P	0.6
6	☐	250.000	252.861	515963.18	0.2733	P	1.8
7	☐	500.000	498.430	1044624.93	0.5386	P	2.9
8	☐	1000.000	1000.105	2172372.79	1.0805	A	2.4
9	☐			2541.07	0.0016	P	5.5

$$y = 0.0011 * x + 1.2406E-004$$

$$R = 1.0000$$

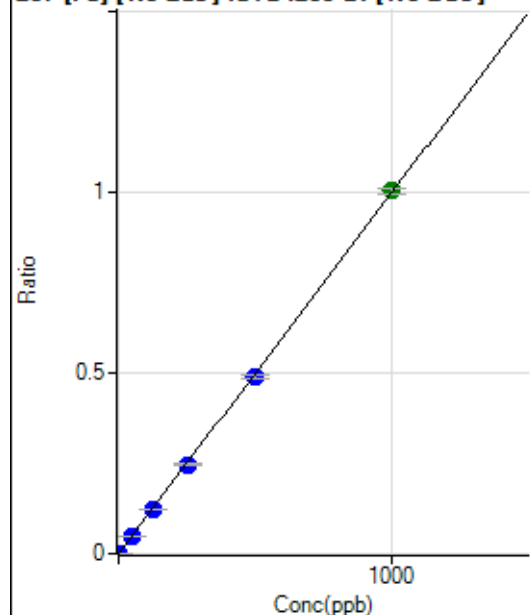
$$DL = 0.02557$$

$$BEC = 0.1148$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0001	P	8.3
2	☐	0.100					
3	☐	1.000	0.884	1753.88	0.0010	P	2.6
4	☐	50.000	48.412	87656.54	0.0484	P	1.8
5	☐	125.000	122.038	229125.23	0.1218	P	0.8
6	☐	250.000	247.620	466484.67	0.2471	P	1.5
7	☐	500.000	490.658	949428.86	0.4895	P	2.5
8	☐	1000.000	1005.716	2016986.56	1.0031	A	1.3
9	☐			2126.18	0.0013	P	10.2

$$y = 9.9731\text{E-}004 * x + 1.1981\text{E-}004$$

$$R = 0.9999$$

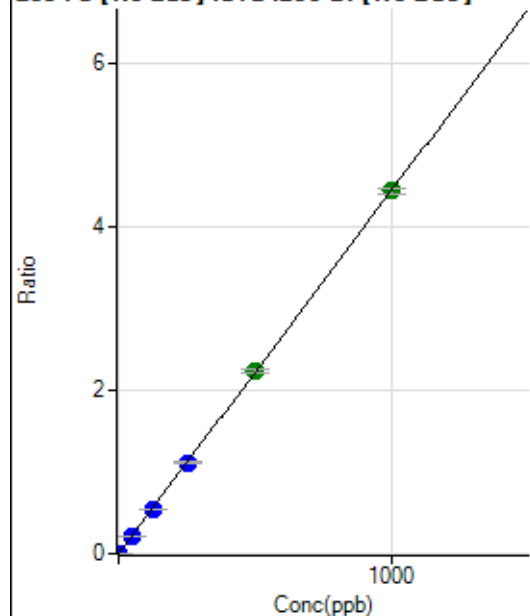
$$DL = 0.02999$$

$$BEC = 0.1201$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	907.45	0.0005	P	10.0
2	☐	0.100					
3	☐	1.000	0.899	7890.09	0.0045	P	2.3
4	☐	50.000	48.661	392309.38	0.2166	P	0.4
5	☐	125.000	122.682	1025568.87	0.5453	P	0.2
6	☐	250.000	249.985	2096968.86	1.1107	P	1.4
7	☐	500.000	502.413	4328616.71	2.2316	A	2.9
8	☐	1000.000	999.154	8922313.97	4.4376	A	1.6
9	☐			9944.44	0.0061	P	3.8

$$y = 0.0044 * x + 5.1524\text{E-}004$$

$$R = 1.0000$$

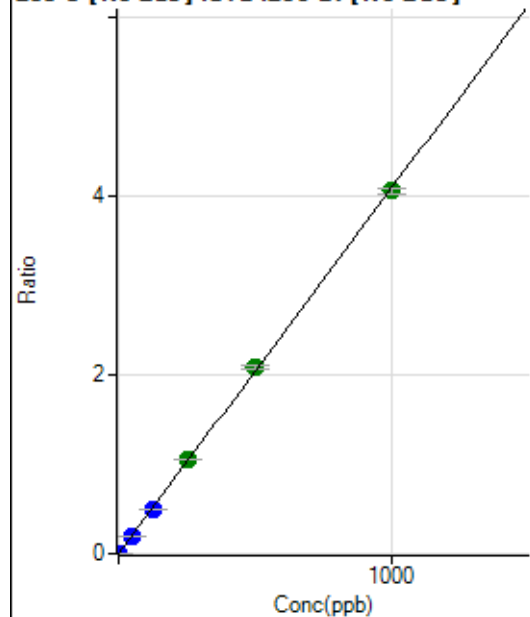
$$DL = 0.03496$$

$$BEC = 0.116$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	41.67	0.0000	P	1.5
2	☐	0.100					
3	☐	1.000	0.853	6143.49	0.0035	P	2.6
4	☐	50.000	48.407	358118.78	0.1977	P	0.8
5	☐	125.000	122.010	937249.82	0.4984	P	0.5
6	☐	250.000	257.375	1984888.69	1.0513	A	0.9
7	☐	500.000	511.792	4054874.44	2.0904	A	2.5
8	☐	1000.000	992.713	8152691.94	4.0547	A	1.4
9	☐			388.92	0.0002	P	20.1

$$y = 0.0041 * x + 2.3643E-005$$

$$R = 0.9998$$

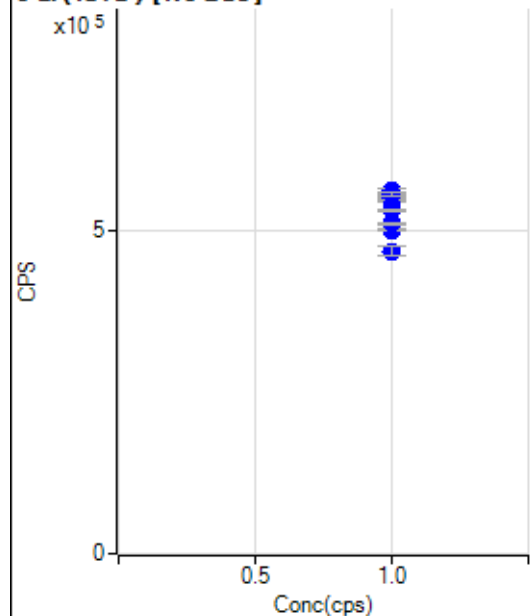
$$DL = 0.0002674$$

$$BEC = 0.005789$$

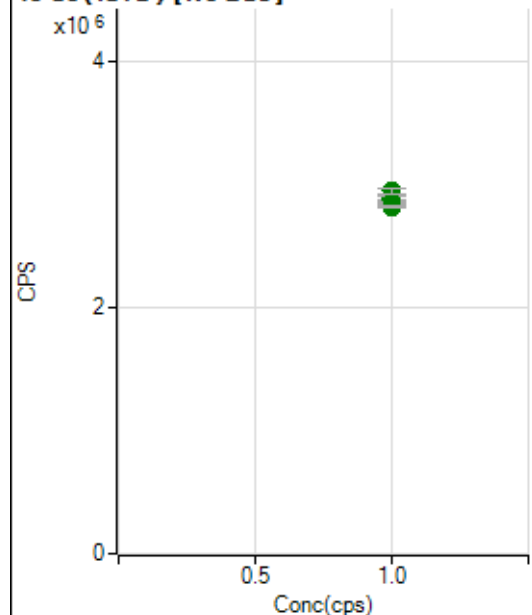
Weight: <None>

Min Conc: 0

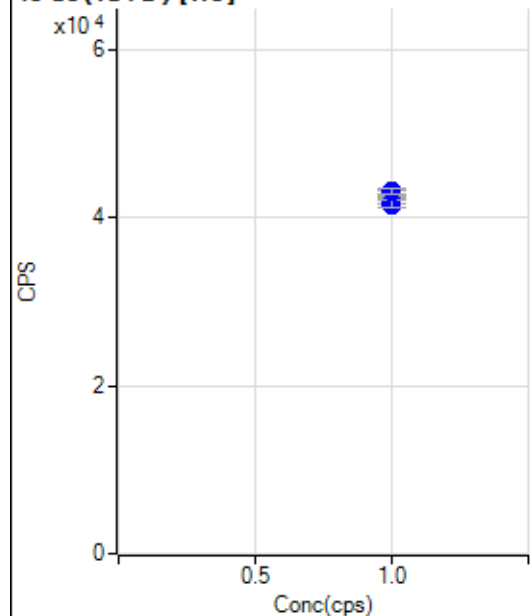
6 Li (ISTD) [No Gas]



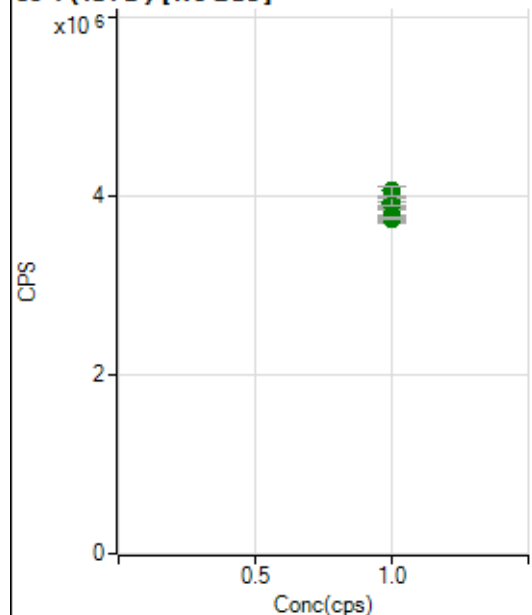
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		502525.32		P	0.8
2	☐	1.000					
3	☐	1.000		512068.82		P	0.7
4	☐	1.000		533605.64		P	0.8
5	☐	1.000		563057.83		P	1.3
6	☐	1.000		548339.44		P	0.9
7	☐	1.000		552282.83		P	1.2
8	☐	1.000		557275.62		P	0.9
9	☐	1.000		468941.71		P	3.1

45 Sc (ISTD) [No Gas]

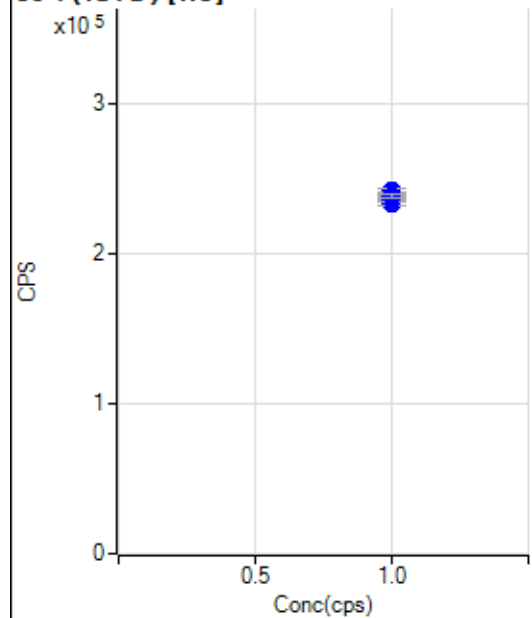
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2825532.42		A	1.3
2	☐	1.000					
3	☐	1.000		2808659.92		A	0.3
4	☐	1.000		2850281.53		A	1.6
5	☐	1.000		2862210.96		A	0.4
6	☐	1.000		2884428.92		A	1.7
7	☐	1.000		2872129.79		A	1.9
8	☐	1.000		2943524.70		A	1.8
9	☐	1.000		2820581.03		A	0.4

45 Sc (ISTD) [He]

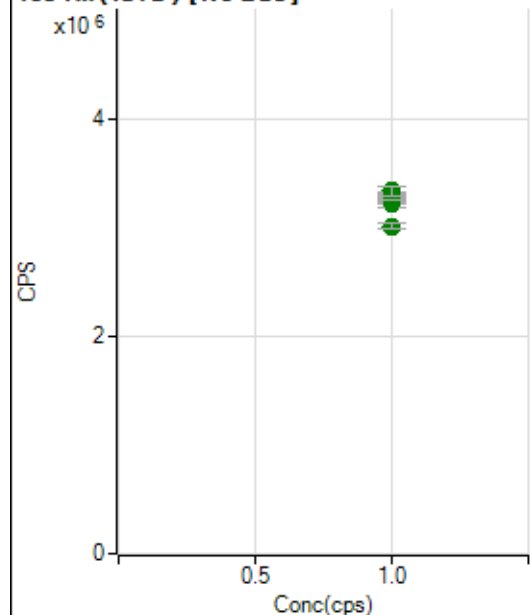
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		42228.94		P	0.7
2	☐	1.000					
3	☐	1.000		41856.81		P	1.5
4	☐	1.000		42416.22		P	1.5
5	☐	1.000		41314.08		P	1.1
6	☐	1.000		41336.34		P	1.4
7	☐	1.000		41624.94		P	2.0
8	☐	1.000		42945.68		P	1.6
9	☐	1.000		43131.73		P	1.8

89 Y (ISTD) [No Gas]

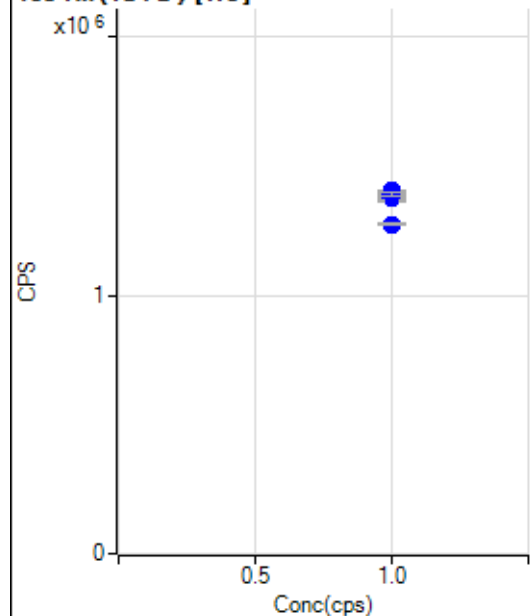
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3732989.08		A	1.3
2	☐	1.000					
3	☐	1.000		3732111.06		A	1.7
4	☐	1.000		3775024.25		A	0.7
5	☐	1.000		3858160.32		A	0.9
6	☐	1.000		3901775.46		A	1.1
7	☐	1.000		3928850.88		A	2.5
8	☐	1.000		4051361.09		A	2.8
9	☐	1.000		3742104.81		A	0.5

89 Y (ISTD) [He]

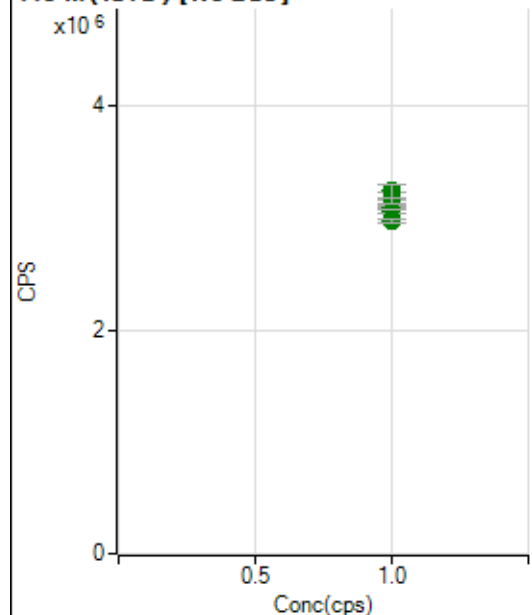
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		233315.33		P	0.9
2	☐	1.000					
3	☐	1.000		234009.04		P	1.5
4	☐	1.000		238536.05		P	0.3
5	☐	1.000		236428.36		P	0.8
6	☐	1.000		236236.53		P	1.0
7	☐	1.000		238037.01		P	2.8
8	☐	1.000		241960.04		P	1.6
9	☐	1.000		238268.89		P	1.2

103 Rh (ISTD) [No Gas]

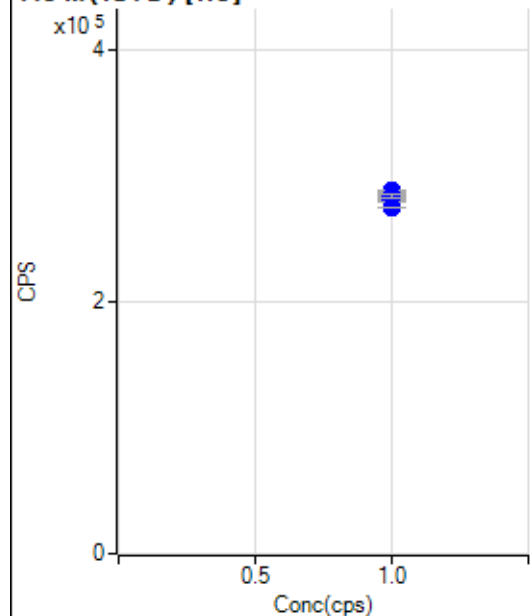
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3209095.62		A	1.8
2	☐	1.000					
3	☐	1.000		3233357.64		A	0.9
4	☐	1.000		3234427.53		A	0.4
5	☐	1.000		3294091.00		A	0.5
6	☐	1.000		3272651.25		A	0.4
7	☐	1.000		3279595.43		A	2.3
8	☐	1.000		3332759.89		A	2.5
9	☐	1.000		3011166.74		A	1.8

103 Rh (ISTD) [He]

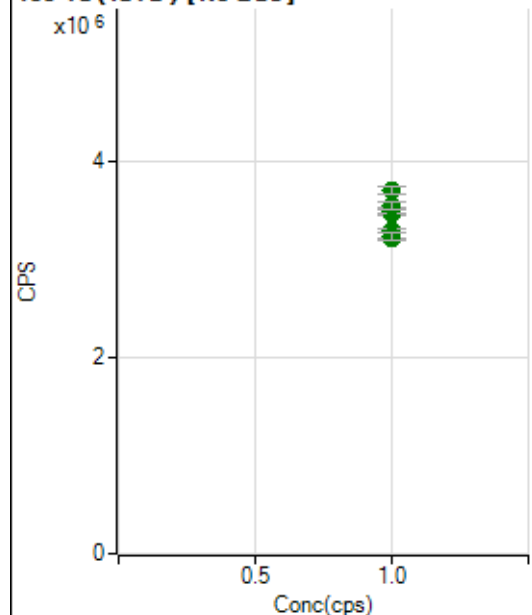
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1380220.81		P	0.3
2	☐	1.000					
3	☐	1.000		1377816.74		P	2.0
4	☐	1.000		1403305.71		P	0.6
5	☐	1.000		1391611.05		P	0.5
6	☐	1.000		1380772.46		P	1.3
7	☐	1.000		1389255.00		P	2.6
8	☐	1.000		1391164.30		P	1.3
9	☐	1.000		1275393.85		P	1.0

115 In (ISTD) [No Gas]

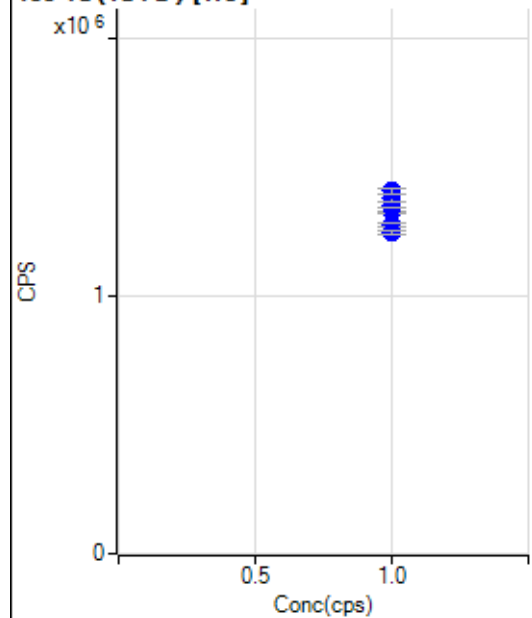
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3061483.10		A	1.4
2	☐	1.000					
3	☐	1.000		3067163.64		A	1.5
4	☐	1.000		3090057.00		A	1.0
5	☐	1.000		3171017.77		A	0.3
6	☐	1.000		3172571.03		A	1.0
7	☐	1.000		3181055.58		A	3.5
8	☐	1.000		3243587.66		A	3.7
9	☐	1.000		2972662.84		A	1.1

115 In (ISTD) [He]

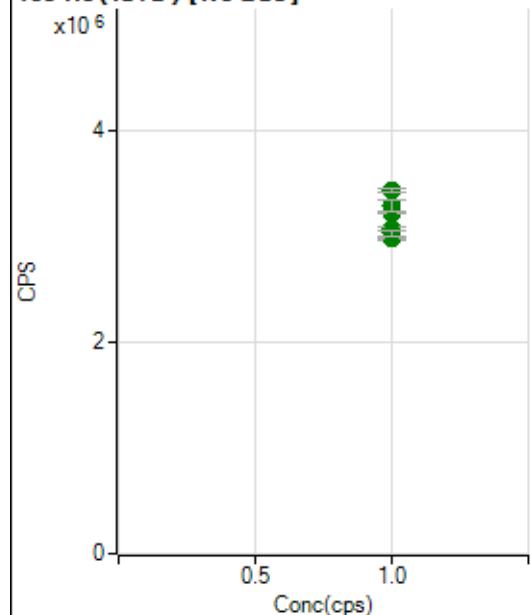
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		280626.20		P	0.2
2	☐	1.000					
3	☐	1.000		281019.37		P	1.2
4	☐	1.000		287758.11		P	0.7
5	☐	1.000		284769.41		P	0.7
6	☐	1.000		285047.23		P	1.4
7	☐	1.000		283838.48		P	3.0
8	☐	1.000		283478.12		P	1.4
9	☐	1.000		274190.32		P	0.2

159 Tb (ISTD) [No Gas]

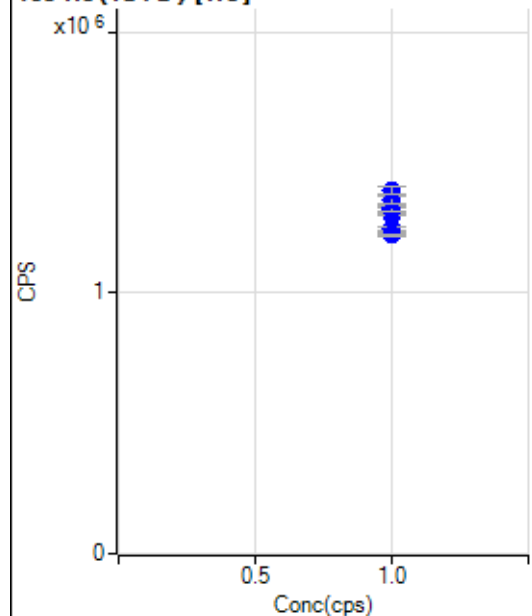
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3201826.07		A	0.9
2	☐	1.000					
3	☐	1.000		3204179.75		A	0.2
4	☐	1.000		3284010.16		A	1.1
5	☐	1.000		3456518.14		A	0.6
6	☐	1.000		3488146.02		A	1.7
7	☐	1.000		3536092.03		A	2.1
8	☐	1.000		3693094.36		A	2.1
9	☐	1.000		3236188.84		A	2.4

159 Tb (ISTD) [He]

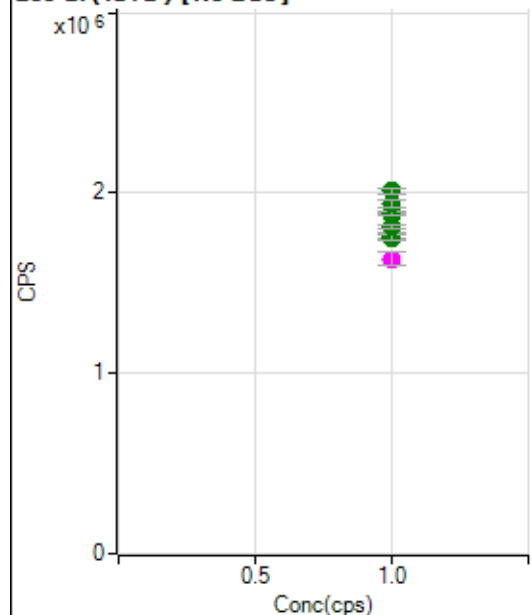
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1271714.81		P	0.2
2	☐	1.000					
3	☐	1.000		1280391.67		P	1.3
4	☐	1.000		1329621.83		P	0.5
5	☐	1.000		1344665.52		P	0.4
6	☐	1.000		1355098.68		P	1.4
7	☐	1.000		1382707.31		P	2.6
8	☐	1.000		1409958.80		P	1.5
9	☐	1.000		1247304.54		P	1.3

165 Ho (ISTD) [No Gas]

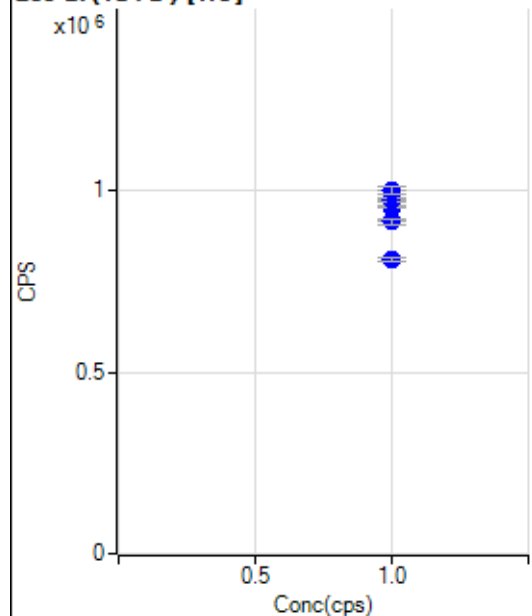
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2977307.58		A	1.1
2	☐	1.000					
3	☐	1.000		2993495.66		A	0.9
4	☐	1.000		3074432.19		A	1.0
5	☐	1.000		3226930.26		A	0.5
6	☐	1.000		3229808.73		A	0.8
7	☐	1.000		3294022.66		A	3.2
8	☐	1.000		3432121.12		A	1.2
9	☐	1.000		3031150.41		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1241521.81		P	0.2
2	☐	1.000					
3	☐	1.000		1245214.82		P	1.6
4	☐	1.000		1300399.77		P	0.3
5	☐	1.000		1321857.94		P	0.8
6	☐	1.000		1326290.60		P	1.8
7	☐	1.000		1357527.68		P	2.4
8	☐	1.000		1391787.30		P	2.2
9	☐	1.000		1220995.53		P	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1762762.11		A	1.5
2	☐	1.000					
3	☐	1.000		1751411.29		A	1.7
4	☐	1.000		1811213.17		A	1.6
5	☐	1.000		1880634.38		A	0.6
6	☐	1.000		1888223.15		A	1.0
7	☐	1.000		1940502.61		A	2.3
8	☐	1.000		2011020.35		A	1.9
9	☐	1.000		1633610.44		M	4.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		915154.54		P	0.1
2	☐	1.000					
3	☐	1.000		914094.63		P	1.7
4	☐	1.000		954116.69		P	0.2
5	☐	1.000		975313.09		P	0.6
6	☐	1.000		972372.11		P	0.8
7	☐	1.000		989495.83		P	2.3
8	☐	1.000		998312.19		P	1.9
9	☐	1.000		807464.84		P	1.2

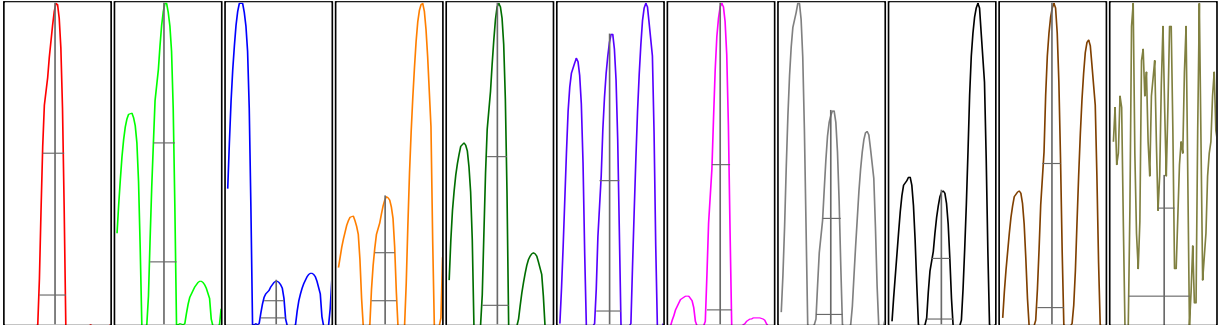
US EPA Tune Check Sample Report

Batch Folder D:\P8011419-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5031	1.18	5.00	
24	61485	1.12	5.00	
25	8712	0.63	5.00	
26	10886	0.38	5.00	
59	58748	0.58	5.00	
113	5673	0.52	5.00	
115	68422	0.31	5.00	
206	10443	1.42	5.00	
207	9581	1.03	5.00	
208	23019	0.86	5.00	
220	1	31.76		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4952	4998	5047	5046	5110
24	62052	60453	62153	61219	61549
25	8643	8682	8739	8708	8786
26	10849	10867	10913	10856	10946
59	58330	58669	58752	58718	59273
113	5659	5659	5650	5675	5723
115	68633	68331	68108	68466	68571
206	10278	10421	10343	10521	10654
207	9445	9585	9538	9707	9630
208	22779	22888	23022	23117	23290
220	1	1	1	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	9137	8.95	8.9 - 9.1		0.755	0.900	
24	109324	23.90	23.9 - 24.1		0.744	0.900	
25	15223	24.95	24.9 - 25.1		0.720	0.900	
26	17964	25.90	25.9 - 26.1		0.727	0.900	
59	108039	58.95	58.9 - 59.1		0.758	0.900	
113	11309	113.00	112.9 - 113.1		0.725	0.900	
115	136355	115.00	114.9 - 115.1		0.729	0.900	
206	20898	206.00	205.9 - 206.1		0.736	0.900	
207	18906	207.00	206.9 - 207.1		0.742	0.900	
208	45357	208.00	207.9 - 208.1		0.766	0.900	
220	1	220.05	-		1.727		

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.8	V	Deflect	14.8	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	11209	0.45	
89	7531	0.53	
205	9376	0.57	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11258	11267	11164	11192	11164
89	7534	7561	7519	7573	7471
205	9410	9451	9351	9355	9316

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.8	V	Deflect	3.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	200	V			