

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:24:07	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.10	-0.43	0.33	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	-0.08	-0.03	0.10	0.00	N/A	ppb
Boron	11-1	-0.04	0.01	0.03	0.00	N/A	ppb
Cadmium	111-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.05	-0.09	0.14	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.00	0.03	0.00	N/A	ppb
Calcium	43-1	1.04	-0.49	-0.55	0.00	N/A	ppb
Calcium	44-1	-0.58	3.13	-2.55	0.00	N/A	ppb
Chromium	52-2	0.00	0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.00	0.00	0.00	0.00	N/A	ppb
Iron	57-2	-0.01	-0.03	0.04	0.00	N/A	ppb
Lead	206-1	-0.01	0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.35	-0.20	-0.16	0.00	N/A	ppb
Manganese	55-2	-0.01	0.00	0.01	0.00	N/A	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:24:07	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-7.97	1.03	1.14	-1.93		ppb
Potassium	39-2	0.93	-0.18	-0.75	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.47	0.47	0.00	0.00	N/A	ppb
Selenium	82-1	-0.19	0.39	-0.20	0.00	N/A	ppb
Silicon	28-1	0.05	0.02	-0.07	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.78	0.92	-0.15	0.00	N/A	ppb
Strontium	86-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	237.20	206.32	88.03	177.18	44.44	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:24:07	DataFile Name :	005CALB.d

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

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:32:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.07	18.47	17.46	18.00	2.83	ppb
Antimony	121-1	1.82	1.78	1.78	1.79	1.19	ppb
Arsenic	75-2	0.88	0.89	0.83	0.86	3.42	ppb
Barium	135-1	8.51	8.79	8.91	8.74	2.39	ppb
Barium	137-1	8.89	9.04	9.14	9.03	1.38	ppb
Beryllium	9-1	0.94	0.92	0.91	0.92	2.10	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	21.17	20.81	22.09	21.36	3.08	ppb
Boron	11-1	21.49	20.63	21.65	21.26	2.59	ppb
Cadmium	111-1	0.87	0.99	0.88	0.91	7.22	ppb
Cadmium	106-1	0.55	0.22	-0.41	0.12	408.06	ppb
Cadmium	108-1	1.11	0.75	0.97	0.94	19.62	ppb
Calcium	43-1	447.75	436.20	453.57	445.84	1.98	ppb
Calcium	44-1	431.95	435.48	445.87	437.77	1.65	ppb
Chromium	52-2	2.05	2.16	2.14	2.11	2.82	ppb
Cobalt	59-2	1.04	1.01	1.01	1.02	1.79	ppb
Copper	63-2	2.04	1.99	1.99	2.01	1.35	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	48.59	49.02	48.55	48.72	0.54	ppb
Iron	57-2	49.33	49.63	49.33	49.43	0.35	ppb
Lead	206-1	0.92	0.91	0.87	0.90	2.62	ppb
Lead	207-1	0.88	0.90	0.88	0.89	1.07	ppb
Lead	208-1	0.91	0.91	0.89	0.90	1.06	ppb
Lithium	6-1						%
Magnesium	24-2	476.71	468.34	466.80	470.62	1.13	ppb
Manganese	55-2	1.07	0.90	0.94	0.97	8.97	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:32:08	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.97	1.89	1.92	1.93	2.01	ppb
Molybdenum	95-1	4.47	4.48	4.41	4.46	0.87	ppb
Molybdenum	96-1	3.64	3.69	3.79	3.70	2.08	ppb
Molybdenum	97-1	4.47	4.30	4.50	4.42	2.49	ppb
Molybdenum	98-1	4.32	4.17	4.47	4.32	3.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.03	1.05	1.07	4.91	ppb
Phosphorus	31-2	-7.77	5.86	7.71	1.93	437.88	ppb
Potassium	39-2	434.29	452.08	439.71	442.02	2.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.24	4.18	4.47	4.30	3.60	ppb
Selenium	78-2	3.99	5.43	5.18	4.87	15.81	ppb
Selenium	82-1	4.88	4.89	4.88	4.88	0.18	ppb
Silicon	28-1	12.23	12.05	12.72	12.33	2.84	ppb
Silver	109-1	0.99	0.96	0.99	0.98	1.49	ppb
Silver	107-1	0.97	0.97	1.02	0.99	2.81	ppb
Sodium	23-2	477.64	476.82	477.55	477.34	0.09	ppb
Strontium	86-1	1.02	0.84	0.87	0.91	10.74	ppb
Strontium	88-1	0.89	0.92	0.92	0.91	1.89	ppb
Sulfur	34-1	-251.30	-147.24	-133.01	-177.18		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.93	0.91	0.92	0.92	0.89	ppb
Thallium	205-1	0.92	0.94	0.92	0.93	1.42	ppb
Tin	118-1	4.35	4.49	4.82	4.55	5.24	ppb
Titanium	47-1	4.79	3.89	4.57	4.42	10.58	ppb
Uranium	238-1	0.83	0.84	0.84	0.84	0.41	ppb
Vanadium	51-2	4.68	4.64	4.70	4.67	0.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.08	2.18	2.29	2.18	4.75	ppb
Zirconium	90-1	0.86	0.84	0.85	0.85	0.78	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:32:08	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.78	0.93	0.81	0.84	9.01	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 10:35:54 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1009.90	1002.34	1010.81	1007.68	0.46	ppb
Antimony	121-1	48.77	49.73	49.03	49.18	1.00	ppb
Arsenic	75-2	49.97	51.23	50.21	50.47	1.32	ppb
Barium	135-1	251.70	252.68	248.81	251.07	0.80	ppb
Barium	137-1	249.51	253.48	249.59	250.86	0.91	ppb
Beryllium	9-1	49.85	50.71	50.05	50.20	0.89	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	49.34	49.55	48.69	49.19	0.91	ppb
Boron	11-1	49.75	48.95	49.49	49.39	0.82	ppb
Cadmium	111-1	52.06	51.67	51.22	51.65	0.82	ppb
Cadmium	106-1	50.72	49.52	49.90	50.05	1.23	ppb
Cadmium	108-1	53.18	52.50	52.15	52.61	1.00	ppb
Calcium	43-1	4968.40	5054.78	5003.55	5008.91	0.87	ppb
Calcium	44-1	5022.67	5017.47	5046.18	5028.78	0.30	ppb
Chromium	52-2	51.30	52.15	51.81	51.75	0.83	ppb
Cobalt	59-2	53.15	52.92	53.07	53.05	0.22	ppb
Copper	63-2	107.19	108.08	107.59	107.62	0.41	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2707.73	2716.24	2752.36	2725.44	0.87	ppb
Iron	57-2	2717.39	2735.24	2772.87	2741.83	1.03	ppb
Lead	206-1	48.58	48.79	48.64	48.67	0.22	ppb
Lead	207-1	47.61	48.57	48.00	48.06	1.01	ppb
Lead	208-1	48.52	49.09	48.88	48.83	0.59	ppb
Lithium	6-1						%
Magnesium	24-2	5344.96	5312.52	5283.07	5313.52	0.58	ppb
Manganese	55-2	102.82	102.66	103.87	103.12	0.64	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:35:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.94	49.81	50.24	49.99	0.44	ppb
Molybdenum	95-1	50.95	50.50	51.30	50.92	0.79	ppb
Molybdenum	96-1	49.02	48.94	49.71	49.22	0.86	ppb
Molybdenum	97-1	50.69	49.81	51.27	50.59	1.45	ppb
Molybdenum	98-1	49.05	49.26	49.94	49.41	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.70	53.56	53.77	53.68	0.19	ppb
Phosphorus	31-2	1001.44	1028.45	1012.00	1013.97	1.34	ppb
Potassium	39-2	2493.35	2494.08	2480.97	2489.47	0.30	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	52.34	53.79	45.86	50.67	8.34	ppb
Selenium	78-2	50.51	49.18	49.66	49.79	1.35	ppb
Selenium	82-1	52.26	52.13	51.30	51.90	1.01	ppb
Silicon	28-1	53.18	53.08	53.32	53.19	0.22	ppb
Silver	109-1	51.47	52.20	51.72	51.80	0.72	ppb
Silver	107-1	51.53	51.98	51.54	51.68	0.50	ppb
Sodium	23-2	5453.67	5422.60	5442.98	5439.75	0.29	ppb
Strontium	86-1	51.20	50.51	51.32	51.01	0.86	ppb
Strontium	88-1	51.00	50.74	51.12	50.95	0.38	ppb
Sulfur	34-1	482.37	566.60	392.57	480.51	18.11	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.99	48.79	48.83	48.87	0.21	ppb
Thallium	205-1	48.93	49.54	49.42	49.30	0.66	ppb
Tin	118-1	49.23	49.71	49.21	49.39	0.57	ppb
Titanium	47-1	50.74	50.62	51.15	50.83	0.55	ppb
Uranium	238-1	47.27	47.75	47.82	47.61	0.63	ppb
Vanadium	51-2	51.21	51.06	51.10	51.12	0.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	106.35	105.48	105.44	105.76	0.49	ppb
Zirconium	90-1	50.15	50.00	50.30	50.15	0.30	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:35:54	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.18	50.02	51.19	50.46	1.25	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:39:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2508.20	2528.64	2478.84	2505.23	1.00	ppb
Antimony	121-1	124.97	126.26	123.05	124.76	1.29	ppb
Arsenic	75-2	126.05	126.04	126.22	126.10	0.08	ppb
Barium	135-1	632.21	630.63	615.58	626.14	1.47	ppb
Barium	137-1	630.39	636.16	624.70	630.42	0.91	ppb
Beryllium	9-1	124.85	125.23	124.96	125.01	0.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	120.12	128.06	119.00	122.39	4.03	ppb
Boron	11-1	124.87	123.16	123.22	123.75	0.79	ppb
Cadmium	111-1	129.75	130.18	126.78	128.90	1.44	ppb
Cadmium	106-1	128.84	129.70	126.55	128.37	1.27	ppb
Cadmium	108-1	131.21	130.72	127.80	129.91	1.42	ppb
Calcium	43-1	12554.64	12518.91	12574.00	12549.18	0.22	ppb
Calcium	44-1	12391.76	12361.58	12408.37	12387.23	0.19	ppb
Chromium	52-2	129.56	130.31	129.14	129.67	0.46	ppb
Cobalt	59-2	132.05	133.50	131.98	132.51	0.65	ppb
Copper	63-2	266.77	270.41	267.30	268.16	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6880.23	6908.76	6827.99	6872.33	0.60	ppb
Iron	57-2	6879.28	6881.84	6804.20	6855.11	0.64	ppb
Lead	206-1	123.06	122.41	121.54	122.33	0.62	ppb
Lead	207-1	122.02	121.49	120.58	121.36	0.60	ppb
Lead	208-1	123.76	122.77	122.36	122.97	0.59	ppb
Lithium	6-1						%
Magnesium	24-2	13368.26	13243.23	13172.42	13261.30	0.75	ppb
Manganese	55-2	258.64	259.26	257.39	258.43	0.37	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:39:51	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	124.50	125.57	124.48	124.85	0.50	ppb
Molybdenum	95-1	127.13	127.09	127.17	127.13	0.03	ppb
Molybdenum	96-1	122.29	123.30	122.07	122.55	0.53	ppb
Molybdenum	97-1	125.98	127.18	126.81	126.65	0.49	ppb
Molybdenum	98-1	122.82	123.91	124.31	123.68	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.82	133.58	133.69	134.03	0.52	ppb
Phosphorus	31-2	2594.06	2559.68	2463.72	2539.15	2.66	ppb
Potassium	39-2	6224.41	6229.52	6183.50	6212.48	0.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	124.69	124.11	126.82	125.21	1.14	ppb
Selenium	78-2	123.13	124.91	121.15	123.06	1.53	ppb
Selenium	82-1	126.37	127.98	126.78	127.04	0.66	ppb
Silicon	28-1	138.52	139.23	139.60	139.12	0.39	ppb
Silver	109-1	128.91	130.76	127.06	128.91	1.44	ppb
Silver	107-1	129.35	130.53	125.73	128.54	1.95	ppb
Sodium	23-2	13540.24	13387.07	13485.38	13470.89	0.58	ppb
Strontium	86-1	126.46	127.73	126.65	126.95	0.54	ppb
Strontium	88-1	126.84	127.58	126.74	127.05	0.36	ppb
Sulfur	34-1	2097.75	2045.14	2072.49	2071.80	1.27	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	125.53	124.48	121.99	124.00	1.46	ppb
Thallium	205-1	126.09	124.80	123.47	124.79	1.05	ppb
Tin	118-1	125.71	127.56	124.29	125.85	1.30	ppb
Titanium	47-1	126.04	127.67	127.51	127.07	0.70	ppb
Uranium	238-1	121.33	119.63	120.44	120.47	0.71	ppb
Vanadium	51-2	128.14	127.97	127.25	127.79	0.37	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	266.23	266.96	264.51	265.90	0.47	ppb
Zirconium	90-1	125.69	126.55	125.88	126.04	0.36	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:39:51	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	125.65	126.47	125.48	125.87	0.42	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:43:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4939.07	4981.82	4901.05	4940.64	0.82	ppb
Antimony	121-1	245.79	245.93	248.67	246.80	0.66	ppb
Arsenic	75-2	254.42	252.42	253.47	253.44	0.39	ppb
Barium	135-1	1231.61	1242.80	1239.91	1238.10	0.47	ppb
Barium	137-1	1236.01	1252.96	1243.81	1244.26	0.68	ppb
Beryllium	9-1	251.29	249.61	249.65	250.18	0.38	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	242.62	248.42	245.23	245.42	1.18	ppb
Boron	11-1	241.05	246.63	243.61	243.76	1.15	ppb
Cadmium	111-1	253.06	253.81	254.59	253.82	0.30	ppb
Cadmium	106-1	255.66	248.86	251.38	251.97	1.37	ppb
Cadmium	108-1	252.56	254.84	253.47	253.62	0.45	ppb
Calcium	43-1	24793.67	24851.94	24757.21	24800.94	0.19	ppb
Calcium	44-1	24553.70	24522.15	24676.39	24584.08	0.33	ppb
Chromium	52-2	256.60	257.73	254.22	256.18	0.70	ppb
Cobalt	59-2	260.03	262.17	259.67	260.62	0.52	ppb
Copper	63-2	528.78	524.13	521.91	524.94	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13637.66	13657.92	13491.99	13595.86	0.67	ppb
Iron	57-2	13612.77	13722.24	13605.02	13646.68	0.48	ppb
Lead	206-1	244.92	246.80	244.94	245.55	0.44	ppb
Lead	207-1	240.37	244.96	241.55	242.29	0.98	ppb
Lead	208-1	245.17	248.04	245.78	246.33	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	25939.99	26139.50	25752.26	25943.92	0.75	ppb
Manganese	55-2	510.90	515.76	507.07	511.24	0.85	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:43:29	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	247.75	252.52	248.42	249.56	1.03	ppb
Molybdenum	95-1	249.61	256.16	253.57	253.11	1.30	ppb
Molybdenum	96-1	243.90	249.41	246.01	246.44	1.13	ppb
Molybdenum	97-1	248.88	255.07	254.24	252.73	1.33	ppb
Molybdenum	98-1	243.04	247.08	245.21	245.11	0.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.54	264.86	260.55	262.65	0.82	ppb
Phosphorus	31-2	5035.55	5226.45	5111.14	5124.38	1.88	ppb
Potassium	39-2	12241.21	12330.33	12234.50	12268.68	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	274.51	245.06	250.89	256.82	6.07	ppb
Selenium	78-2	248.00	251.51	253.60	251.03	1.13	ppb
Selenium	82-1	253.16	258.90	253.28	255.12	1.29	ppb
Silicon	28-1	281.89	289.30	286.78	285.99	1.32	ppb
Silver	109-1	250.51	251.83	250.44	250.93	0.31	ppb
Silver	107-1	250.86	252.26	252.64	251.92	0.37	ppb
Sodium	23-2	26668.35	26628.54	26147.56	26481.48	1.09	ppb
Strontium	86-1	252.14	254.25	251.83	252.74	0.52	ppb
Strontium	88-1	248.80	254.36	249.88	251.01	1.18	ppb
Sulfur	34-1	4493.00	4684.95	4594.21	4590.72	2.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	246.52	247.49	246.82	246.94	0.20	ppb
Thallium	205-1	248.82	248.36	250.64	249.27	0.48	ppb
Tin	118-1	248.09	247.97	249.92	248.66	0.44	ppb
Titanium	47-1	252.64	253.26	251.02	252.31	0.46	ppb
Uranium	238-1	247.03	247.95	246.78	247.25	0.25	ppb
Vanadium	51-2	254.87	255.50	252.09	254.16	0.71	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	523.10	524.86	520.73	522.90	0.40	ppb
Zirconium	90-1	252.20	254.28	251.67	252.71	0.55	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:43:29	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	249.54	254.80	250.32	251.55	1.13	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 10:47:06 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9825.26	9926.48	9849.07	9866.94	0.54	ppb
Antimony	121-1	497.02	496.26	496.36	496.55	0.08	ppb
Arsenic	75-2	504.46	505.01	500.17	503.21	0.53	ppb
Barium	135-1	2477.74	2469.61	2498.44	2481.93	0.60	ppb
Barium	137-1	2462.94	2466.77	2484.98	2471.56	0.48	ppb
Beryllium	9-1	494.41	493.28	504.26	497.32	1.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	484.94	487.61	498.67	490.40	1.48	ppb
Boron	11-1	485.62	489.65	497.28	490.85	1.21	ppb
Cadmium	111-1	498.48	496.77	502.68	499.31	0.61	ppb
Cadmium	106-1	491.83	495.09	498.29	495.07	0.65	ppb
Cadmium	108-1	497.07	503.40	503.92	501.47	0.76	ppb
Calcium	43-1	49438.19	50166.39	49903.85	49836.14	0.74	ppb
Calcium	44-1	49014.01	49690.85	49318.72	49341.19	0.69	ppb
Chromium	52-2	508.66	510.09	507.94	508.89	0.22	ppb
Cobalt	59-2	513.71	517.42	513.58	514.90	0.42	ppb
Copper	63-2	1037.36	1044.70	1031.92	1037.99	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	27036.43	27207.79	26866.62	27036.95	0.63	ppb
Iron	57-2	26979.96	27179.01	27027.13	27062.03	0.38	ppb
Lead	206-1	490.93	488.73	490.64	490.10	0.24	ppb
Lead	207-1	484.48	482.20	486.32	484.33	0.43	ppb
Lead	208-1	494.09	490.27	497.01	493.79	0.68	ppb
Lithium	6-1						%
Magnesium	24-2	51632.35	52071.99	51240.76	51648.37	0.81	ppb
Manganese	55-2	1016.79	1023.25	1018.93	1019.66	0.32	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:47:06	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	496.83	502.45	503.85	501.04	0.74	ppb
Molybdenum	95-1	496.34	504.46	508.38	503.06	1.22	ppb
Molybdenum	96-1	482.39	493.22	491.48	489.03	1.19	ppb
Molybdenum	97-1	498.07	510.99	508.26	505.77	1.35	ppb
Molybdenum	98-1	498.16	506.56	503.32	502.68	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	516.13	520.78	515.66	517.52	0.55	ppb
Phosphorus	31-2	9949.14	10207.48	10027.70	10061.44	1.32	ppb
Potassium	39-2	24329.72	24791.79	24571.18	24564.23	0.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	485.51	499.80	498.07	494.46	1.58	ppb
Selenium	78-2	498.45	510.09	500.51	503.02	1.23	ppb
Selenium	82-1	504.63	505.97	512.10	507.57	0.79	ppb
Silicon	28-1	536.76	588.73	547.60	557.70	4.92	ppb
Silver	109-1	494.35	495.00	497.31	495.55	0.31	ppb
Silver	107-1	499.79	499.75	504.64	501.39	0.56	ppb
Sodium	23-2	52946.98	53169.43	52530.21	52882.21	0.61	ppb
Strontium	86-1	500.19	508.35	511.69	506.74	1.17	ppb
Strontium	88-1	499.78	506.26	509.70	505.25	1.00	ppb
Sulfur	34-1	9780.76	9950.08	9649.35	9793.39	1.54	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.43	499.84	490.28	495.85	1.00	ppb
Thallium	205-1	498.87	498.84	497.84	498.52	0.12	ppb
Tin	118-1	491.36	490.94	492.85	491.71	0.20	ppb
Titanium	47-1	502.62	508.16	500.82	503.87	0.76	ppb
Uranium	238-1	496.71	492.03	499.70	496.15	0.78	ppb
Vanadium	51-2	504.48	507.49	505.06	505.68	0.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1031.66	1043.81	1031.40	1035.62	0.68	ppb
Zirconium	90-1	503.09	497.83	502.11	501.01	0.56	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:47:06	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.59	502.47	501.57	500.54	0.52	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:50:35	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19399.78	19107.06	19465.78	19324.21	0.99	ppb
Antimony	121-1	997.86	1008.02	1001.93	1002.60	0.51	ppb
Arsenic	75-2	994.51	994.43	1003.17	997.37	0.50	ppb
Barium	135-1	4975.45	5069.91	4990.08	5011.82	1.01	ppb
Barium	137-1	4964.93	5094.73	4985.14	5014.93	1.39	ppb
Beryllium	9-1	1006.03	995.69	1002.14	1001.28	0.52	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	1002.60	1004.82	1011.78	1006.40	0.48	ppb
Boron	11-1	1002.90	1004.46	1011.88	1006.41	0.48	ppb
Cadmium	111-1	993.17	1002.96	1000.33	998.82	0.51	ppb
Cadmium	106-1	989.11	1014.33	1001.21	1001.55	1.26	ppb
Cadmium	108-1	987.12	1010.70	995.02	997.62	1.20	ppb
Calcium	43-1	97793.10	98208.63	98919.06	98306.93	0.58	ppb
Calcium	44-1	97434.79	98312.70	98351.95	98033.14	0.53	ppb
Chromium	52-2	995.28	985.63	999.09	993.34	0.70	ppb
Cobalt	59-2	994.22	975.13	997.06	988.80	1.21	ppb
Copper	63-2	1985.41	1964.59	1966.35	1972.12	0.59	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	53006.40	52355.01	53539.19	52966.87	1.12	ppb
Iron	57-2	52919.61	52376.53	53541.23	52945.79	1.10	ppb
Lead	206-1	1008.83	1002.24	1008.30	1006.46	0.36	ppb
Lead	207-1	1014.13	1007.25	1009.56	1010.31	0.35	ppb
Lead	208-1	1008.99	998.33	1005.69	1004.34	0.54	ppb
Lithium	6-1						%
Magnesium	24-2	100648.61	99479.80	100718.35	100282.25	0.69	ppb
Manganese	55-2	1984.37	1968.05	2006.03	1986.15	0.96	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:50:35	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	998.28	996.45	1004.14	999.62	0.40	ppb
Molybdenum	95-1	1001.29	991.81	999.04	997.38	0.50	ppb
Molybdenum	96-1	1002.46	1006.38	1011.34	1006.73	0.44	ppb
Molybdenum	97-1	991.73	999.90	996.97	996.20	0.42	ppb
Molybdenum	98-1	995.60	1000.66	1003.99	1000.08	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	990.04	978.65	991.61	986.77	0.72	ppb
Phosphorus	31-2	19982.82	19800.08	20014.88	19932.59	0.58	ppb
Potassium	39-2	48951.33	48416.56	48545.46	48637.78	0.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	993.39	1040.25	969.38	1001.01	3.60	ppb
Selenium	78-2	1004.47	988.38	1002.61	998.49	0.88	ppb
Selenium	82-1	985.38	1001.02	997.37	994.59	0.82	ppb
Silicon	28-1	953.08	963.98	963.56	960.21	0.64	ppb
Silver	109-1	992.14	1012.22	999.87	1001.41	1.01	ppb
Silver	107-1	993.23	1008.68	992.98	998.30	0.90	ppb
Sodium	23-2	104346.87	102656.86	103422.26	103475.33	0.82	ppb
Strontium	86-1	993.83	1001.48	991.64	995.65	0.52	ppb
Strontium	88-1	997.90	997.21	995.35	996.82	0.13	ppb
Sulfur	34-1	20040.38	20301.33	20513.66	20285.12	1.17	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1005.85	1002.89	1000.33	1003.02	0.28	ppb
Thallium	205-1	998.42	1002.45	1002.08	1000.99	0.22	ppb
Tin	118-1	1001.89	1009.58	1001.75	1004.41	0.45	ppb
Titanium	47-1	995.42	995.10	1001.05	997.19	0.34	ppb
Uranium	238-1	998.12	1000.45	1011.32	1003.30	0.70	ppb
Vanadium	51-2	1001.18	984.57	1001.41	995.72	0.97	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1980.64	1957.72	1984.20	1974.19	0.73	ppb
Zirconium	90-1	1004.42	994.14	997.47	998.68	0.53	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:50:35	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	999.02	1000.58	998.03	999.21	0.13	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:54:01	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100084.00	100174.09	100195.59	100151.23	0.06	ppb
Antimony	121-1	2.20	2.14	2.11	2.15	2.16	ppb
Arsenic	75-2	0.47	0.53	0.57	0.52	10.34	ppb
Barium	135-1	1.24	1.24	1.17	1.22	3.20	ppb
Barium	137-1	1.30	1.24	1.22	1.25	3.22	ppb
Beryllium	9-1	0.08	0.03	0.09	0.07	47.84	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	34.66	31.93	29.45	32.01	8.15	ppb
Boron	11-1	32.71	31.02	28.74	30.83	6.47	ppb
Cadmium	111-1	0.03	0.17	0.18	0.13	68.56	ppb
Cadmium	106-1	-0.65	1.20	1.10	0.55	188.74	ppb
Cadmium	108-1	0.14	0.13	0.16	0.14	12.21	ppb
Calcium	43-1	497262.83	503842.84	499985.39	500363.69	0.66	ppb
Calcium	44-1	495482.54	502005.02	503960.36	500482.64	0.89	ppb
Chromium	52-2	9.18	9.28	9.15	9.20	0.76	ppb
Cobalt	59-2	1.02	0.99	0.99	1.00	1.74	ppb
Copper	63-2	2.16	2.08	2.08	2.11	1.97	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	249090.94	249454.89	248845.15	249130.33	0.12	ppb
Iron	57-2	249634.38	248304.74	249450.16	249129.76	0.29	ppb
Lead	206-1	1.09	1.12	1.07	1.09	2.13	ppb
Lead	207-1	1.00	1.05	1.00	1.02	2.85	ppb
Lead	208-1	1.07	1.07	1.05	1.06	0.87	ppb
Lithium	6-1						%
Magnesium	24-2	502737.82	496956.70	499433.61	499709.38	0.58	ppb
Manganese	55-2	6.37	6.37	6.42	6.39	0.46	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:54:01	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.74	0.75	0.71	0.74	3.10	ppb
Molybdenum	95-1	2.10	2.06	2.03	2.06	1.67	ppb
Molybdenum	96-1	2.18	2.00	1.99	2.06	5.26	ppb
Molybdenum	97-1	2.07	1.97	1.84	1.96	6.00	ppb
Molybdenum	98-1	1.87	1.88	1.84	1.86	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.42	4.21	4.28	4.30	2.46	ppb
Phosphorus	31-2	-7.09	7.52	1.56	0.66	1108.44	ppb
Potassium	39-2	250035.73	251647.34	249303.17	250328.75	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.75	0.25	1.24	0.75	66.76	ppb
Selenium	78-2	0.56	0.15	1.51	0.74	94.61	ppb
Selenium	82-1	1.39	1.54	0.89	1.27	26.66	ppb
Silicon	28-1	7.09	7.34	7.39	7.27	2.19	ppb
Silver	109-1	0.07	0.08	0.08	0.07	8.74	ppb
Silver	107-1	0.06	0.08	0.08	0.07	13.74	ppb
Sodium	23-2	502621.92	496531.62	497588.43	498913.99	0.65	ppb
Strontium	86-1	34.35	33.89	34.31	34.18	0.76	ppb
Strontium	88-1	34.55	33.84	34.46	34.28	1.13	ppb
Sulfur	34-1	-1379.38	-1167.29	-1052.20	-1199.62		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.46	0.38	0.37	0.41	11.88	ppb
Thallium	205-1	0.44	0.42	0.40	0.42	4.20	ppb
Tin	118-1	-0.22	-0.21	-0.23	-0.22		ppb
Titanium	47-1	0.50	0.65	0.66	0.60	15.06	ppb
Uranium	238-1	0.08	0.07	0.06	0.07	8.63	ppb
Vanadium	51-2	0.14	0.12	0.11	0.12	12.04	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.52	3.59	3.51	3.54	1.19	ppb
Zirconium	90-1	0.16	0.15	0.15	0.15	4.37	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:54:01	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.14	0.16	0.14	0.15	8.99	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:05:38	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	484.83	485.99	486.54	485.79	0.18	ppb
Antimony	121-1	195.78	196.11	197.07	196.32	0.34	ppb
Arsenic	75-2	199.30	201.29	200.87	200.49	0.52	ppb
Barium	135-1	98.09	97.51	98.83	98.14	0.67	ppb
Barium	137-1	98.76	98.15	98.80	98.57	0.37	ppb
Beryllium	9-1	103.53	103.62	104.78	103.98	0.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	605.06	596.45	587.55	596.35	1.47	ppb
Boron	11-1	592.25	591.96	595.22	593.14	0.30	ppb
Cadmium	111-1	107.37	109.13	108.57	108.35	0.83	ppb
Cadmium	106-1	181.48	184.06	184.47	183.33	0.88	ppb
Cadmium	108-1	150.07	152.43	149.81	150.77	0.95	ppb
Calcium	43-1	2274.66	2253.62	2229.64	2252.64	1.00	ppb
Calcium	44-1	2165.70	2183.26	2150.01	2166.32	0.77	ppb
Chromium	52-2	96.96	97.23	96.41	96.87	0.43	ppb
Cobalt	59-2	101.09	102.05	101.13	101.43	0.54	ppb
Copper	63-2	99.61	100.42	100.32	100.12	0.44	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	995.53	1005.40	996.85	999.26	0.54	ppb
Iron	57-2	983.15	1016.54	1009.80	1003.16	1.76	ppb
Lead	206-1	198.05	195.64	194.95	196.21	0.83	ppb
Lead	207-1	187.26	186.05	184.57	185.96	0.72	ppb
Lead	208-1	193.75	192.76	191.93	192.82	0.47	ppb
Lithium	6-1						%
Magnesium	24-2	1132.74	1161.97	1170.62	1155.11	1.72	ppb
Manganese	55-2	98.33	98.81	98.05	98.40	0.39	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:05:38	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	518.72	518.86	516.34	517.97	0.27	ppb
Molybdenum	95-1	518.82	524.46	516.33	519.87	0.80	ppb
Molybdenum	96-1	503.64	507.67	502.51	504.61	0.54	ppb
Molybdenum	97-1	515.15	520.38	514.81	516.78	0.60	ppb
Molybdenum	98-1	517.45	520.98	516.30	518.24	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.26	102.78	102.25	102.43	0.30	ppb
Phosphorus	31-2	14.43	-13.74	-9.65	-2.98		ppb
Potassium	39-2	1904.45	1936.25	1910.45	1917.05	0.88	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	193.61	207.56	195.51	198.89	3.80	ppb
Selenium	78-2	206.69	203.32	209.07	206.36	1.40	ppb
Selenium	82-1	204.50	206.26	202.37	204.38	0.95	ppb
Silicon	28-1	482.55	486.20	476.31	481.69	1.04	ppb
Silver	109-1	103.99	104.85	103.48	104.11	0.67	ppb
Silver	107-1	105.14	105.49	105.13	105.25	0.19	ppb
Sodium	23-2	1978.94	1997.73	1999.85	1992.17	0.58	ppb
Strontium	86-1	525.09	529.33	528.91	527.77	0.44	ppb
Strontium	88-1	530.77	529.54	523.07	527.79	0.78	ppb
Sulfur	34-1	-1932.79	-1864.67	-2064.36	-1953.94		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	202.02	199.30	198.46	199.93	0.93	ppb
Thallium	205-1	205.73	200.97	202.23	202.97	1.22	ppb
Tin	118-1	545.43	544.52	541.31	543.75	0.40	ppb
Titanium	47-1	520.24	527.11	512.57	519.97	1.40	ppb
Uranium	238-1	528.72	522.68	522.36	524.59	0.68	ppb
Vanadium	51-2	97.68	97.89	97.81	97.79	0.11	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	195.98	200.00	195.87	197.28	1.19	ppb
Zirconium	90-1	513.69	514.88	515.69	514.75	0.20	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:05:38	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	511.81	513.03	507.47	510.77	0.57	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:09:02 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.65	-0.60	-0.64	-0.63		ppb
Antimony	121-1	0.69	0.68	0.62	0.66	6.00	ppb
Arsenic	75-2	0.06	0.06	0.07	0.07	11.39	ppb
Barium	135-1	0.01	-0.02	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.01	0.00		ppb
Beryllium	9-1	0.00	0.03	0.01	0.01	105.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.92	6.05	5.67	6.21	10.32	ppb
Boron	11-1	7.43	6.34	6.33	6.70	9.40	ppb
Cadmium	111-1	-0.08	-0.12	-0.11	-0.10		ppb
Cadmium	106-1	-0.96	-1.72	-1.61	-1.43		ppb
Cadmium	108-1	0.09	0.03	-0.02	0.03	164.08	ppb
Calcium	43-1	-1.24	-5.27	0.02	-2.16		ppb
Calcium	44-1	65.30	62.17	58.31	61.93	5.65	ppb
Chromium	52-2	-0.27	-0.30	-0.23	-0.27		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.04	0.05	0.04	0.05	16.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-1.01	-1.01	-1.05	-1.02		ppb
Iron	57-2	-0.53	-0.64	-1.13	-0.77		ppb
Lead	206-1	0.07	0.08	0.06	0.07	16.19	ppb
Lead	207-1	0.08	0.07	0.06	0.07	11.00	ppb
Lead	208-1	0.07	0.08	0.07	0.07	6.22	ppb
Lithium	6-1						%
Magnesium	24-2	-4.80	-5.50	-5.31	-5.20		ppb
Manganese	55-2	-0.04	-0.03	-0.05	-0.04		ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:09:02	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.15	0.14	0.14	0.14	3.57	ppb
Molybdenum	95-1	0.37	0.28	0.32	0.32	13.06	ppb
Molybdenum	96-1	0.27	0.26	0.26	0.26	2.49	ppb
Molybdenum	97-1	0.36	0.31	0.34	0.34	7.14	ppb
Molybdenum	98-1	0.35	0.35	0.30	0.33	8.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.09	-0.09	-0.09		ppb
Phosphorus	31-2	3.64	9.36	-5.35	2.55	290.95	ppb
Potassium	39-2	14.27	13.50	15.31	14.36	6.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.48	0.72	0.40	91.81	ppb
Selenium	78-2	0.69	0.62	-0.16	0.38	122.96	ppb
Selenium	82-1	0.23	0.14	0.91	0.43	99.02	ppb
Silicon	28-1	-2.45	-3.04	-2.96	-2.82		ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.80	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.10	ppb
Sodium	23-2	55.97	50.05	49.67	51.89	6.80	ppb
Strontium	86-1	-0.01	-0.02	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.01	0.00	0.00	135.65	ppb
Sulfur	34-1	-2047.00	-2165.16	-2194.57	-2135.58		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.07	0.07	7.67	ppb
Thallium	205-1	0.07	0.06	0.07	0.07	5.78	ppb
Tin	118-1	-0.19	-0.23	-0.28	-0.23		ppb
Titanium	47-1	-0.04	-0.01	0.00	-0.02		ppb
Uranium	238-1	0.02	0.01	0.01	0.01	16.10	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.04	-0.02	-0.02	0.00		ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	2.26	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:09:02	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.03	0.03	11.90	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:12:32 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86596.75	88170.12	86356.48	87041.12	1.13	ppb
Antimony	121-1	1.36	1.32	1.28	1.32	2.73	ppb
Arsenic	75-2	0.33	0.37	0.33	0.35	6.54	ppb
Barium	135-1	1.42	1.51	1.50	1.48	3.40	ppb
Barium	137-1	1.51	1.38	1.39	1.43	4.86	ppb
Beryllium	9-1	0.28	0.29	0.26	0.28	4.07	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.28	6.16	6.42	6.29	2.11	ppb
Boron	11-1	6.50	6.12	6.52	6.38	3.54	ppb
Cadmium	111-1	0.36	0.42	0.38	0.39	7.31	ppb
Cadmium	106-1	-1.54	-1.24	-2.24	-1.67		ppb
Cadmium	108-1	14.86	14.08	13.13	14.03	6.18	ppb
Calcium	43-1	94096.45	95027.90	94136.32	94420.22	0.56	ppb
Calcium	44-1	94176.18	94634.35	94060.28	94290.27	0.32	ppb
Chromium	52-2	19.28	19.26	19.51	19.35	0.72	ppb
Cobalt	59-2	1.12	1.18	1.14	1.15	2.50	ppb
Copper	63-2	8.20	8.27	8.27	8.25	0.44	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	98905.21	100926.85	99032.09	99621.38	1.14	ppb
Iron	57-2	98622.91	100052.17	99432.52	99369.20	0.72	ppb
Lead	206-1	5.78	5.92	5.86	5.86	1.22	ppb
Lead	207-1	5.20	5.23	5.19	5.21	0.44	ppb
Lead	208-1	5.47	5.55	5.51	5.51	0.75	ppb
Lithium	6-1						%
Magnesium	24-2	94812.74	95708.94	95263.77	95261.82	0.47	ppb
Manganese	55-2	7.51	7.80	7.71	7.67	1.94	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:12:32	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	566.44	575.30	573.32	571.69	0.81	ppb
Molybdenum	95-1	1849.82	1860.43	1853.31	1854.52	0.29	ppb
Molybdenum	96-1	1549.17	1552.34	1554.16	1551.89	0.16	ppb
Molybdenum	97-1	1846.80	1873.94	1859.81	1860.18	0.73	ppb
Molybdenum	98-1	1844.50	1859.19	1845.73	1849.81	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.29	5.23	5.22	5.25	0.72	ppb
Phosphorus	31-2	95035.46	95689.11	94305.67	95010.08	0.73	ppb
Potassium	39-2	93578.75	94434.38	93991.44	94001.52	0.46	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.11	-0.66	0.51	-0.01		ppb
Selenium	82-1	0.25	0.49	0.56	0.44	36.62	ppb
Silicon	28-1	18.19	18.96	18.41	18.52	2.13	ppb
Silver	109-1	0.07	0.08	0.10	0.08	15.93	ppb
Silver	107-1	0.07	0.09	0.09	0.08	13.29	ppb
Sodium	23-2	96832.33	98600.23	96924.51	97452.36	1.02	ppb
Strontium	86-1	32.37	31.99	32.43	32.26	0.74	ppb
Strontium	88-1	32.37	32.40	32.55	32.44	0.30	ppb
Sulfur	34-1	73880.17	74852.96	74805.01	74512.71	0.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.23	0.20	0.21	0.21	6.71	ppb
Thallium	205-1	0.25	0.21	0.20	0.22	10.70	ppb
Tin	118-1	-0.29	-0.30	-0.34	-0.31		ppb
Titanium	47-1	1874.69	1877.24	1862.12	1871.35	0.43	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	13.30	ppb
Vanadium	51-2	0.14	0.16	0.17	0.16	8.10	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	10.91	10.95	11.18	11.02	1.30	ppb
Zirconium	90-1	0.30	0.23	0.22	0.25	17.38	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:12:32	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.26	0.24	0.18	0.23	19.04	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:15:55	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87502.74	88048.53	87642.18	87731.15	0.32	ppb
Antimony	121-1	20.75	20.75	20.92	20.81	0.48	ppb
Arsenic	75-2	20.19	20.24	20.15	20.19	0.22	ppb
Barium	135-1	21.09	20.67	20.81	20.85	1.02	ppb
Barium	137-1	21.30	20.90	21.20	21.13	0.98	ppb
Beryllium	9-1	21.59	21.87	21.47	21.64	0.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	67.43	68.27	66.09	67.27	1.63	ppb
Boron	11-1	68.10	69.37	68.86	68.78	0.93	ppb
Cadmium	111-1	20.90	20.66	21.47	21.01	1.98	ppb
Cadmium	106-1	24.26	23.57	25.81	24.55	4.68	ppb
Cadmium	108-1	38.25	38.28	36.32	37.62	2.99	ppb
Calcium	43-1	95151.06	94191.60	94564.59	94635.75	0.51	ppb
Calcium	44-1	95622.68	94261.01	94693.34	94859.01	0.73	ppb
Chromium	52-2	39.66	39.55	39.68	39.63	0.18	ppb
Cobalt	59-2	21.39	21.71	21.78	21.63	0.97	ppb
Copper	63-2	27.96	28.07	28.51	28.18	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	99480.17	100411.27	101265.20	100385.55	0.89	ppb
Iron	57-2	100410.59	101242.00	100946.09	100866.22	0.42	ppb
Lead	206-1	26.15	25.83	26.02	26.00	0.61	ppb
Lead	207-1	23.84	23.36	23.71	23.64	1.06	ppb
Lead	208-1	24.93	24.53	24.65	24.70	0.82	ppb
Lithium	6-1						%
Magnesium	24-2	97110.10	96663.67	96938.78	96904.18	0.23	ppb
Manganese	55-2	27.32	27.75	27.98	27.68	1.22	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:15:55	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	622.31	626.70	627.18	625.40	0.43	ppb
Molybdenum	95-1	1889.30	1909.90	1905.81	1901.67	0.57	ppb
Molybdenum	96-1	1592.99	1601.43	1607.08	1600.50	0.44	ppb
Molybdenum	97-1	1894.46	1899.03	1921.43	1904.98	0.76	ppb
Molybdenum	98-1	1889.48	1896.15	1896.56	1894.06	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.58	25.63	25.76	25.66	0.36	ppb
Phosphorus	31-2	94787.04	95982.96	94766.11	95178.70	0.73	ppb
Potassium	39-2	94703.07	94864.36	94253.68	94607.03	0.33	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	22.35	19.32	20.60	20.76	7.31	ppb
Selenium	78-2	21.06	20.22	19.68	20.32	3.43	ppb
Selenium	82-1	20.17	19.80	20.16	20.04	1.04	ppb
Silicon	28-1	72.02	72.51	72.66	72.40	0.46	ppb
Silver	109-1	19.30	19.08	19.39	19.26	0.82	ppb
Silver	107-1	19.28	19.17	19.27	19.24	0.32	ppb
Sodium	23-2	98607.51	99478.56	99559.29	99215.12	0.53	ppb
Strontium	86-1	86.25	87.02	86.77	86.68	0.45	ppb
Strontium	88-1	86.15	86.05	86.57	86.26	0.32	ppb
Sulfur	34-1	75626.36	75290.02	75302.88	75406.42	0.25	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	20.54	20.36	20.57	20.49	0.55	ppb
Thallium	205-1	20.84	20.50	20.80	20.71	0.90	ppb
Tin	118-1	54.09	53.72	54.05	53.96	0.38	ppb
Titanium	47-1	1903.40	1910.48	1908.38	1907.42	0.19	ppb
Uranium	238-1	51.96	51.33	51.58	51.62	0.61	ppb
Vanadium	51-2	20.27	20.03	20.05	20.12	0.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.42	31.01	31.28	30.90	1.42	ppb
Zirconium	90-1	53.20	53.70	53.90	53.60	0.67	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:15:55	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	53.28	53.57	53.60	53.48	0.33	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:25:45	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49228.30	49492.65	48772.85	49164.60	0.74	ppb
Antimony	121-1	490.84	498.90	499.43	496.39	0.97	ppb
Arsenic	75-2	492.62	487.26	486.96	488.95	0.65	ppb
Barium	135-1	2510.47	2509.60	2533.65	2517.91	0.54	ppb
Barium	137-1	2477.35	2483.28	2523.17	2494.60	1.00	ppb
Beryllium	9-1	532.38	529.20	534.45	532.01	0.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	531.69	537.91	534.43	534.68	0.58	ppb
Boron	11-1	533.35	534.77	541.89	536.67	0.85	ppb
Cadmium	111-1	489.55	492.73	502.44	494.91	1.36	ppb
Cadmium	106-1	489.66	496.84	508.01	498.17	1.86	ppb
Cadmium	108-1	490.61	491.04	498.16	493.27	0.86	ppb
Calcium	43-1	243229.15	241674.46	238337.45	241080.35	1.04	ppb
Calcium	44-1	242779.02	240777.69	236780.27	240112.33	1.27	ppb
Chromium	52-2	482.73	481.51	475.08	479.77	0.86	ppb
Cobalt	59-2	468.65	466.28	463.84	466.26	0.52	ppb
Copper	63-2	920.57	923.69	909.98	918.08	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	123555.32	123149.63	122214.03	122972.99	0.56	ppb
Iron	57-2	124723.46	123772.14	122744.61	123746.74	0.80	ppb
Lead	206-1	488.33	488.96	494.78	490.69	0.72	ppb
Lead	207-1	480.17	480.39	482.18	480.92	0.23	ppb
Lead	208-1	494.77	493.21	494.63	494.20	0.17	ppb
Lithium	6-1						%
Magnesium	24-2	246954.00	245870.59	245829.15	246217.91	0.26	ppb
Manganese	55-2	966.86	974.24	964.77	968.62	0.51	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:25:45	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.81	489.70	503.12	498.54	1.54	ppb
Molybdenum	95-1	493.12	489.73	493.89	492.25	0.45	ppb
Molybdenum	96-1	478.40	474.88	478.00	477.09	0.40	ppb
Molybdenum	97-1	492.26	489.75	490.73	490.91	0.26	ppb
Molybdenum	98-1	496.55	490.44	490.06	492.35	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.13	462.78	462.13	463.02	0.22	ppb
Phosphorus	31-2	10155.01	9916.35	9851.16	9974.18	1.60	ppb
Potassium	39-2	122190.72	121468.89	121211.54	121623.72	0.42	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	488.17	497.25	494.73	493.38	0.95	ppb
Selenium	78-2	489.42	493.36	497.64	493.47	0.83	ppb
Selenium	82-1	484.49	481.21	480.07	481.92	0.48	ppb
Silicon	28-1	491.04	493.21	489.00	491.08	0.43	ppb
Silver	109-1	485.70	483.00	495.26	487.99	1.32	ppb
Silver	107-1	489.05	491.08	497.52	492.55	0.90	ppb
Sodium	23-2	249031.59	246826.75	245817.04	247225.13	0.66	ppb
Strontium	86-1	512.61	505.19	510.70	509.50	0.76	ppb
Strontium	88-1	514.95	507.68	513.63	512.08	0.76	ppb
Sulfur	34-1	9618.75	9471.89	9115.94	9402.19	2.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	504.97	507.28	498.95	503.73	0.85	ppb
Thallium	205-1	502.56	505.01	506.37	504.65	0.38	ppb
Tin	118-1	496.83	503.50	504.56	501.63	0.83	ppb
Titanium	47-1	490.88	495.15	484.34	490.13	1.11	ppb
Uranium	238-1	505.05	503.79	498.15	502.33	0.73	ppb
Vanadium	51-2	488.61	483.54	481.10	484.42	0.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	936.11	931.49	931.21	932.94	0.30	ppb
Zirconium	90-1	502.91	495.22	498.65	498.93	0.77	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:25:45	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	498.66	489.70	492.52	493.63	0.93	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : CCB09 Instrumnet Name : P7
 Client Sample ID : CCB09 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:34:40 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	-1.44	-0.69	-0.84		ppb
Antimony	121-1	0.26	0.26	0.27	0.26	2.82	ppb
Arsenic	75-2	0.03	0.03	0.04	0.03	16.35	ppb
Barium	135-1	0.00	0.00	0.01	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	478.13	ppb
Beryllium	9-1	0.00	0.00	0.02	0.01	237.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.49	6.85	5.35	5.90	14.08	ppb
Boron	11-1	5.33	5.50	6.14	5.66	7.58	ppb
Cadmium	111-1	-0.09	-0.13	-0.08	-0.10		ppb
Cadmium	106-1	-1.22	-1.82	-1.20	-1.41		ppb
Cadmium	108-1	0.04	-0.02	0.07	0.03	147.95	ppb
Calcium	43-1	-5.98	-4.56	-3.67	-4.74		ppb
Calcium	44-1	63.88	62.52	66.80	64.40	3.40	ppb
Chromium	52-2	-0.27	-0.27	-0.26	-0.27		ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.11	0.10	0.12	0.11	7.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.96	-0.90	-0.82	-0.89		ppb
Iron	57-2	-0.63	-0.09	-0.25	-0.32		ppb
Lead	206-1	0.08	0.09	0.08	0.08	8.46	ppb
Lead	207-1	0.07	0.07	0.06	0.07	12.68	ppb
Lead	208-1	0.07	0.07	0.07	0.07	1.56	ppb
Lithium	6-1						%
Magnesium	24-2	-5.34	-4.68	-4.48	-4.84		ppb
Manganese	55-2	-0.04	-0.03	-0.04	-0.04		ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:34:40	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.06	0.07	0.07	17.25	ppb
Molybdenum	95-1	0.13	0.13	0.13	0.13	2.73	ppb
Molybdenum	96-1	0.11	0.08	0.11	0.10	17.93	ppb
Molybdenum	97-1	0.13	0.14	0.16	0.14	7.82	ppb
Molybdenum	98-1	0.14	0.14	0.13	0.14	6.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.11	-0.09	-0.10		ppb
Phosphorus	31-2	3.53	-6.52	-6.45	-3.14		ppb
Potassium	39-2	25.37	24.84	23.83	24.68	3.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.58	-0.14	0.04	0.16	230.98	ppb
Selenium	82-1	-0.02	0.10	0.58	0.22	142.55	ppb
Silicon	28-1	-4.11	-4.48	-4.30	-4.29		ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.48	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.63	ppb
Sodium	23-2	68.74	68.59	67.45	68.26	1.04	ppb
Strontium	86-1	-0.04	-0.03	-0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1915.97	-1909.91	-1876.81	-1900.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.06	0.06	0.07	8.48	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	1.93	ppb
Tin	118-1	-0.47	-0.49	-0.49	-0.48		ppb
Titanium	47-1	0.00	-0.02	-0.05	-0.03		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.05	-0.02	0.05	0.00		ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	13.07	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:34:40	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.03	0.03	5.67	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:38:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.13	16.93	16.22	16.76	2.86	ppb
Antimony	121-1	1.96	1.93	2.01	1.97	2.11	ppb
Arsenic	75-2	0.89	0.96	0.96	0.94	3.93	ppb
Barium	135-1	8.78	8.98	9.08	8.95	1.69	ppb
Barium	137-1	9.27	9.01	9.23	9.17	1.53	ppb
Beryllium	9-1	1.10	1.00	1.06	1.05	4.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	28.50	26.45	27.73	27.56	3.75	ppb
Boron	11-1	27.69	27.19	27.57	27.48	0.94	ppb
Cadmium	111-1	0.89	0.86	0.81	0.85	4.74	ppb
Cadmium	106-1	-0.18	-0.66	-1.19	-0.68		ppb
Cadmium	108-1	1.21	0.99	0.88	1.03	16.48	ppb
Calcium	43-1	436.38	439.47	457.86	444.57	2.61	ppb
Calcium	44-1	500.69	500.78	496.51	499.33	0.49	ppb
Chromium	52-2	1.67	1.82	1.71	1.74	4.46	ppb
Cobalt	59-2	0.98	0.97	0.97	0.98	0.52	ppb
Copper	63-2	1.97	1.99	2.04	2.00	1.89	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.41	47.02	47.79	47.41	0.81	ppb
Iron	57-2	52.17	50.00	46.81	49.66	5.42	ppb
Lead	206-1	0.97	1.01	0.99	0.99	1.88	ppb
Lead	207-1	0.97	0.97	0.95	0.96	1.06	ppb
Lead	208-1	0.97	0.99	0.98	0.98	0.79	ppb
Lithium	6-1						%
Magnesium	24-2	451.25	447.40	453.45	450.70	0.68	ppb
Manganese	55-2	0.91	0.95	0.98	0.95	3.83	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:38:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.99	2.02	2.06	2.02	1.65	ppb
Molybdenum	95-1	4.44	4.54	4.36	4.45	2.04	ppb
Molybdenum	96-1	3.78	3.59	3.69	3.69	2.45	ppb
Molybdenum	97-1	4.68	4.55	4.49	4.57	2.14	ppb
Molybdenum	98-1	4.33	4.32	4.38	4.34	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	0.96	0.99	0.96	2.86	ppb
Phosphorus	31-2	7.66	-7.43	-1.62	-0.46		ppb
Potassium	39-2	473.71	473.38	473.91	473.67	0.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.36	5.25	4.98	4.86	9.48	ppb
Selenium	78-2	4.89	5.12	4.88	4.96	2.74	ppb
Selenium	82-1	5.67	4.37	5.29	5.11	13.15	ppb
Silicon	28-1	8.41	8.30	7.95	8.22	2.94	ppb
Silver	109-1	1.03	1.03	0.99	1.02	2.28	ppb
Silver	107-1	1.02	1.04	1.01	1.02	1.50	ppb
Sodium	23-2	524.27	520.51	532.13	525.64	1.13	ppb
Strontium	86-1	0.85	0.79	0.95	0.86	9.56	ppb
Strontium	88-1	0.91	0.89	0.89	0.90	1.54	ppb
Sulfur	34-1	-2121.99	-2114.50	-2150.86	-2129.12		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.01	0.92	0.96	0.96	4.61	ppb
Thallium	205-1	0.98	0.99	0.96	0.98	1.74	ppb
Tin	118-1	3.91	4.00	4.05	3.99	1.79	ppb
Titanium	47-1	4.46	4.27	4.29	4.34	2.41	ppb
Uranium	238-1	0.80	0.80	0.80	0.80	0.33	ppb
Vanadium	51-2	4.51	4.63	4.76	4.63	2.63	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.11	1.95	1.99	2.01	4.20	ppb
Zirconium	90-1	0.97	0.99	0.96	0.97	1.52	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:38:05	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	0.94	1.00	0.95	5.09	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : PB102718BL Instrumnet Name : P7
 Client Sample ID : PB102718BL Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:41:30 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.14	-0.50	-0.58	-0.41		ppb
Antimony	121-1	0.12	0.11	0.10	0.11	6.33	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	26.60	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	0.01	0.00	0.00	240.11	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	80.94	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	5.09	4.58	4.94	4.87	5.35	ppb
Boron	11-1	4.45	4.20	4.53	4.39	3.90	ppb
Cadmium	111-1	-0.11	-0.12	-0.13	-0.12		ppb
Cadmium	106-1	-1.44	-1.60	-1.64	-1.56		ppb
Cadmium	108-1	0.00	0.01	0.03	0.01	138.04	ppb
Calcium	43-1	0.68	-2.08	-5.37	-2.26		ppb
Calcium	44-1	52.43	54.63	50.50	52.52	3.93	ppb
Chromium	52-2	-0.35	-0.40	-0.36	-0.37		ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	0.05	0.05	0.06	0.05	16.97	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-1.26	-1.30	-1.28	-1.28		ppb
Iron	57-2	-1.68	-0.72	-1.12	-1.17		ppb
Lead	206-1	0.06	0.06	0.07	0.06	7.59	ppb
Lead	207-1	0.04	0.04	0.03	0.04	12.32	ppb
Lead	208-1	0.05	0.05	0.06	0.05	7.89	ppb
Lithium	6-1						%
Magnesium	24-2	-5.94	-6.39	-6.16	-6.16		ppb
Manganese	55-2	-0.03	-0.04	-0.04	-0.04		ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BL	Instrumnet Name :	P7
Client Sample ID :	PB102718BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:41:30	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.02	0.04	0.03	0.03	23.95	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.06	16.90	ppb
Molybdenum	96-1	0.04	0.06	0.06	0.05	24.32	ppb
Molybdenum	97-1	0.05	0.07	0.08	0.06	26.95	ppb
Molybdenum	98-1	0.06	0.06	0.06	0.06	4.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.11	-0.11	-0.10		ppb
Phosphorus	31-2	-8.20	-7.20	-3.46	-6.29		ppb
Potassium	39-2	16.54	16.79	18.50	17.28	6.15	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.78	0.28	-0.23	0.28	182.15	ppb
Selenium	82-1	0.09	-0.14	0.58	0.18	210.99	ppb
Silicon	28-1	-4.69	-5.10	-4.56	-4.78		ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.90	ppb
Silver	107-1	0.00	0.01	0.00	0.00	88.03	ppb
Sodium	23-2	54.07	53.67	51.92	53.22	2.16	ppb
Strontium	86-1	-0.02	0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1932.88	-1884.05	-1849.00	-1888.64		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.04	0.04	7.70	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.81	ppb
Tin	118-1	-0.62	-0.63	-0.60	-0.62		ppb
Titanium	47-1	-0.05	-0.07	-0.04	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.02	0.00	-0.05	-0.03		ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	32.37	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BL	Instrumnet Name :	P7
Client Sample ID :	PB102718BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:41:30	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.01	67.99	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BS	Instrumnet Name :	P7
Client Sample ID :	PB102718BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:44:56	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.33	-1.35	-1.63	-1.44		ppb
Antimony	121-1	0.08	0.08	0.10	0.09	13.54	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00		ppb
Barium	135-1	-0.01	0.00	0.00	0.00	2865.51	ppb
Barium	137-1	-0.01	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	36.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	4.29	3.88	2.95	3.71	18.53	ppb
Boron	11-1	4.13	3.69	3.59	3.81	7.59	ppb
Cadmium	111-1	-0.02	-0.07	-0.08	-0.06		ppb
Cadmium	106-1	-0.39	-1.02	-1.02	-0.81		ppb
Cadmium	108-1	-0.02	-0.02	0.01	-0.01		ppb
Calcium	43-1	-4.30	-3.89	-5.59	-4.59		ppb
Calcium	44-1	49.32	47.12	45.88	47.44	3.68	ppb
Chromium	52-2	-0.38	-0.36	-0.40	-0.38		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.05	0.05	0.05	0.05	8.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-1.36	-1.50	-1.51	-1.46		ppb
Iron	57-2	-1.09	-1.51	-1.40	-1.33		ppb
Lead	206-1	482.83	482.87	483.31	483.01	0.06	ppb
Lead	207-1	476.55	477.42	475.34	476.44	0.22	ppb
Lead	208-1	492.42	493.30	489.94	491.88	0.35	ppb
Lithium	6-1						%
Magnesium	24-2	-7.02	-6.99	-7.12	-7.04		ppb
Manganese	55-2	-0.03	-0.04	-0.04	-0.04		ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BS	Instrumnet Name :	P7
Client Sample ID :	PB102718BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:44:56	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.02	0.02	0.02	8.97	ppb
Molybdenum	95-1	0.05	0.04	0.04	0.04	16.67	ppb
Molybdenum	96-1	0.02	0.03	0.05	0.03	45.99	ppb
Molybdenum	97-1	0.05	0.06	0.05	0.05	12.44	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	5.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.11	-0.12	-0.12		ppb
Phosphorus	31-2	-22.45	-8.62	-5.07	-12.05		ppb
Potassium	39-2	14.36	14.46	9.62	12.81	21.60	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.71	0.24	173.21	ppb
Selenium	78-2	0.54	-0.06	-0.02	0.15	218.24	ppb
Selenium	82-1	0.35	0.73	0.84	0.64	39.80	ppb
Silicon	28-1	-4.23	-4.61	-4.71	-4.52		ppb
Silver	109-1	0.01	0.01	0.00	0.01	25.55	ppb
Silver	107-1	0.00	0.00	0.01	0.01	80.30	ppb
Sodium	23-2	49.21	48.11	48.55	48.62	1.14	ppb
Strontium	86-1	-0.03	-0.02	-0.04	-0.03		ppb
Strontium	88-1	-0.02	-0.02	-0.02	-0.02		ppb
Sulfur	34-1	-1631.01	-1872.40	-1832.26	-1778.56		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.04	0.04	0.04	4.05	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.46	ppb
Tin	118-1	-0.68	-0.68	-0.68	-0.68		ppb
Titanium	47-1	-0.06	-0.04	-0.06	-0.06		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	-0.01	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.06	0.07	0.09	0.03	229.56	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	42.31	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BS	Instrumnet Name :	P7
Client Sample ID :	PB102718BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:44:56	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.00	0.01	0.01	151.27	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01 Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:48:21 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85.59	86.96	89.58	87.38	2.32	ppb
Antimony	121-1	1.57	1.58	1.57	1.57	0.46	ppb
Arsenic	75-2	0.41	0.48	0.47	0.45	8.85	ppb
Barium	135-1	16.44	16.06	15.95	16.15	1.59	ppb
Barium	137-1	16.67	16.86	16.41	16.65	1.35	ppb
Beryllium	9-1	0.02	0.02	0.00	0.01	78.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.13	6.55	6.89	7.19	11.60	ppb
Boron	11-1	7.64	7.84	8.08	7.85	2.82	ppb
Cadmium	111-1	-0.08	-0.01	-0.08	-0.06		ppb
Cadmium	106-1	-1.80	-1.19	-2.06	-1.69		ppb
Cadmium	108-1	0.03	0.22	0.16	0.14	69.17	ppb
Calcium	43-1	5950.90	6003.17	5914.76	5956.28	0.75	ppb
Calcium	44-1	6036.61	6072.69	6075.04	6061.45	0.36	ppb
Chromium	52-2	0.11	0.12	0.09	0.11	14.40	ppb
Cobalt	59-2	0.17	0.20	0.19	0.18	6.74	ppb
Copper	63-2	420.78	421.46	420.60	420.94	0.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	137.92	138.57	138.92	138.47	0.37	ppb
Iron	57-2	143.50	144.59	138.96	142.35	2.10	ppb
Lead	206-1	8.51	8.31	8.38	8.40	1.16	ppb
Lead	207-1	7.72	7.59	7.67	7.66	0.81	ppb
Lead	208-1	8.19	8.08	8.05	8.11	0.95	ppb
Lithium	6-1						%
Magnesium	24-2	1233.15	1233.23	1217.07	1227.82	0.76	ppb
Manganese	55-2	43.74	43.63	43.36	43.58	0.45	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01 Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:48:21 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.20	0.19	0.17	0.19	9.02	ppb
Molybdenum	95-1	0.07	0.08	0.08	0.07	7.30	ppb
Molybdenum	96-1	0.08	0.08	0.10	0.09	9.38	ppb
Molybdenum	97-1	0.07	0.09	0.06	0.07	17.64	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.07	10.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	307.49	307.22	304.92	306.54	0.46	ppb
Phosphorus	31-2	558.49	558.20	633.40	583.36	7.43	ppb
Potassium	39-2	547.67	554.13	541.10	547.64	1.19	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.71	0.47	0.39	91.78	ppb
Selenium	78-2	0.35	-0.20	0.29	0.15	206.17	ppb
Selenium	82-1	0.57	0.67	0.07	0.44	73.75	ppb
Silicon	28-1	934.70	943.54	936.09	938.11	0.51	ppb
Silver	109-1	0.24	0.27	0.29	0.27	10.31	ppb
Silver	107-1	0.25	0.26	0.30	0.27	10.39	ppb
Sodium	23-2	10793.22	10879.03	10753.13	10808.46	0.60	ppb
Strontium	86-1	19.81	19.76	20.00	19.86	0.63	ppb
Strontium	88-1	19.85	19.89	19.75	19.83	0.36	ppb
Sulfur	34-1	-1086.86	-1008.40	-898.08	-997.78		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.19	0.19	0.16	0.18	10.30	ppb
Thallium	205-1	0.19	0.16	0.17	0.18	7.90	ppb
Tin	118-1	207.08	208.98	210.27	208.77	0.77	ppb
Titanium	47-1	1.57	1.47	1.46	1.50	3.96	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	9.80	ppb
Vanadium	51-2	0.13	0.13	0.14	0.13	6.22	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	497.86	502.10	500.53	500.16	0.43	ppb
Zirconium	90-1	0.34	0.22	0.22	0.26	27.50	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:48:21	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.25	0.21	0.22	0.23	9.63	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01DUP Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:51:46 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89.20	90.98	89.27	89.81	1.12	ppb
Antimony	121-1	1.51	1.56	1.53	1.53	1.49	ppb
Arsenic	75-2	0.44	0.44	0.44	0.44	0.43	ppb
Barium	135-1	16.40	16.22	16.22	16.28	0.65	ppb
Barium	137-1	16.97	16.71	16.61	16.77	1.10	ppb
Beryllium	9-1	0.01	0.00	0.02	0.01	104.57	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	6.07	7.73	7.64	7.15	13.01	ppb
Boron	11-1	7.50	7.26	8.07	7.61	5.43	ppb
Cadmium	111-1	-0.07	-0.06	-0.11	-0.08		ppb
Cadmium	106-1	-1.89	-1.58	-2.46	-1.97		ppb
Cadmium	108-1	0.18	0.27	0.33	0.26	27.88	ppb
Calcium	43-1	6056.24	6005.52	6048.23	6036.66	0.45	ppb
Calcium	44-1	6145.80	6087.87	6120.45	6118.04	0.47	ppb
Chromium	52-2	0.12	0.09	0.15	0.12	24.66	ppb
Cobalt	59-2	0.19	0.19	0.19	0.19	2.42	ppb
Copper	63-2	428.67	428.56	426.49	427.91	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	137.92	138.80	138.36	138.36	0.32	ppb
Iron	57-2	143.66	146.45	143.09	144.40	1.25	ppb
Lead	206-1	8.21	8.33	8.29	8.28	0.72	ppb
Lead	207-1	7.52	7.62	7.53	7.56	0.75	ppb
Lead	208-1	7.91	7.96	7.96	7.94	0.38	ppb
Lithium	6-1						%
Magnesium	24-2	1236.96	1231.47	1225.75	1231.39	0.46	ppb
Manganese	55-2	43.82	43.13	43.38	43.44	0.80	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01DUP Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:51:46 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.13	0.12	0.10	0.12	12.94	ppb
Molybdenum	95-1	0.07	0.07	0.08	0.07	9.52	ppb
Molybdenum	96-1	0.08	0.07	0.07	0.07	7.22	ppb
Molybdenum	97-1	0.08	0.08	0.07	0.08	6.89	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	5.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	310.26	310.91	309.55	310.24	0.22	ppb
Phosphorus	31-2	534.53	555.65	586.90	559.03	4.71	ppb
Potassium	39-2	540.46	539.79	535.68	538.64	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.24	0.72	0.00	0.32	114.61	ppb
Selenium	78-2	0.26	-0.57	0.07	-0.08		ppb
Selenium	82-1	0.52	0.48	0.17	0.39	49.52	ppb
Silicon	28-1	956.25	935.64	956.22	949.37	1.25	ppb
Silver	109-1	0.30	0.33	0.36	0.33	8.17	ppb
Silver	107-1	0.29	0.34	0.36	0.33	10.80	ppb
Sodium	23-2	11021.52	10845.39	10849.18	10905.36	0.92	ppb
Strontium	86-1	19.63	20.04	19.95	19.87	1.06	ppb
Strontium	88-1	19.79	19.86	19.98	19.88	0.47	ppb
Sulfur	34-1	-1275.63	-1238.41	-1172.38	-1228.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.05	0.06	9.00	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	3.89	ppb
Tin	118-1	211.15	214.47	212.45	212.69	0.79	ppb
Titanium	47-1	1.53	1.48	1.45	1.49	2.65	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	7.34	ppb
Vanadium	51-2	0.11	0.13	0.13	0.13	8.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	508.15	507.16	506.64	507.32	0.15	ppb
Zirconium	90-1	0.13	0.14	0.12	0.13	6.17	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01DUP	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:51:46	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.12	0.13	0.13	3.88	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01LX5 Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 5
 Date & Time Acquired :: 2017-09-29 11:55:11 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.92	16.78	18.05	17.58	3.97	ppb
Antimony	121-1	0.35	0.36	0.34	0.35	2.89	ppb
Arsenic	75-2	0.10	0.11	0.09	0.10	8.60	ppb
Barium	135-1	3.25	3.16	3.36	3.26	3.08	ppb
Barium	137-1	3.29	3.22	3.32	3.28	1.44	ppb
Beryllium	9-1	0.01	0.01	0.03	0.01	63.45	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	2.32	3.00	3.81	3.04	24.48	ppb
Boron	11-1	3.60	3.98	3.57	3.72	6.24	ppb
Cadmium	111-1	-0.06	-0.12	-0.10	-0.10		ppb
Cadmium	106-1	-1.17	-1.91	-1.56	-1.55		ppb
Cadmium	108-1	0.10	0.10	0.13	0.11	15.62	ppb
Calcium	43-1	1172.81	1187.88	1161.61	1174.10	1.12	ppb
Calcium	44-1	1219.06	1238.69	1210.06	1222.61	1.20	ppb
Chromium	52-2	-0.25	-0.22	-0.22	-0.23		ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	50.04	ppb
Copper	63-2	84.52	85.06	84.19	84.59	0.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	26.64	26.61	26.18	26.47	0.97	ppb
Iron	57-2	28.76	28.12	28.55	28.48	1.15	ppb
Lead	206-1	1.88	1.81	1.78	1.82	2.90	ppb
Lead	207-1	1.67	1.66	1.63	1.66	1.45	ppb
Lead	208-1	1.75	1.73	1.72	1.73	0.83	ppb
Lithium	6-1						%
Magnesium	24-2	234.97	238.99	236.19	236.72	0.87	ppb
Manganese	55-2	8.67	8.60	8.58	8.62	0.56	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	5
Date & Time Acquired ::	2017-09-29 11:55:11	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	2.93	2.96	2.92	2.94	0.63	ppb
Molybdenum	95-1	9.47	9.65	9.56	9.56	0.98	ppb
Molybdenum	96-1	7.78	7.57	7.69	7.68	1.38	ppb
Molybdenum	97-1	9.61	9.60	9.50	9.57	0.61	ppb
Molybdenum	98-1	9.31	9.29	9.36	9.32	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	61.88	61.13	61.95	61.65	0.73	ppb
Phosphorus	31-2	88.81	117.96	124.72	110.50	17.27	ppb
Potassium	39-2	114.13	110.31	112.85	112.43	1.73	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.19	0.22	0.46	0.29	51.79	ppb
Selenium	82-1	0.35	0.17	0.36	0.29	36.20	ppb
Silicon	28-1	192.88	195.44	196.17	194.83	0.88	ppb
Silver	109-1	0.11	0.11	0.10	0.10	5.70	ppb
Silver	107-1	0.11	0.11	0.13	0.11	8.73	ppb
Sodium	23-2	2149.40	2178.89	2152.67	2160.32	0.75	ppb
Strontium	86-1	3.95	3.84	4.01	3.93	2.18	ppb
Strontium	88-1	3.92	3.97	3.94	3.94	0.66	ppb
Sulfur	34-1	-1708.39	-1558.04	-1642.84	-1636.42		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	28.64	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.00	ppb
Tin	118-1	41.11	41.40	41.53	41.34	0.52	ppb
Titanium	47-1	0.30	0.26	0.31	0.29	9.98	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	28.98	ppb
Vanadium	51-2	0.02	0.02	0.03	0.02	28.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	97.55	99.37	100.20	99.04	1.37	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	32.46	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	5
Date & Time Acquired ::	2017-09-29 11:55:11	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.03	0.01	0.02	44.33	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01MS Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:58:38 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2025.77	2013.56	2018.52	2019.29	0.30	ppb
Antimony	121-1	959.08	954.80	949.23	954.37	0.52	ppb
Arsenic	75-2	877.53	874.41	881.73	877.89	0.42	ppb
Barium	135-1	226.44	225.10	224.49	225.34	0.44	ppb
Barium	137-1	227.91	227.87	226.60	227.46	0.33	ppb
Beryllium	9-1	211.77	209.77	209.11	210.22	0.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	298.68	304.25	308.01	303.64	1.55	ppb
Boron	11-1	299.05	304.21	305.70	302.99	1.15	ppb
Cadmium	111-1	226.92	223.35	224.85	225.04	0.80	ppb
Cadmium	106-1	179.53	178.17	178.61	178.77	0.39	ppb
Cadmium	108-1	206.28	204.07	205.54	205.30	0.55	ppb
Calcium	43-1	7136.63	7139.06	7082.08	7119.26	0.45	ppb
Calcium	44-1	7180.53	7184.14	7115.09	7159.92	0.54	ppb
Chromium	52-2	442.92	443.28	446.89	444.36	0.49	ppb
Cobalt	59-2	231.23	230.63	232.12	231.33	0.32	ppb
Copper	63-2	777.30	777.73	778.24	777.76	0.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3562.76	3535.16	3538.95	3545.63	0.42	ppb
Iron	57-2	3521.67	3489.60	3500.18	3503.82	0.47	ppb
Lead	206-1	1074.15	1065.17	1069.31	1069.54	0.42	ppb
Lead	207-1	1060.21	1061.24	1063.03	1061.49	0.13	ppb
Lead	208-1	1064.91	1060.40	1063.85	1063.05	0.22	ppb
Lithium	6-1						%
Magnesium	24-2	3401.27	3394.07	3402.25	3399.19	0.13	ppb
Manganese	55-2	259.87	259.58	261.38	260.28	0.37	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01MS	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:58:38	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	134.53	134.98	132.40	133.97	1.03	ppb
Molybdenum	95-1	440.68	442.05	434.91	439.21	0.86	ppb
Molybdenum	96-1	356.46	358.07	351.75	355.43	0.92	ppb
Molybdenum	97-1	439.57	442.07	434.80	438.82	0.84	ppb
Molybdenum	98-1	449.71	447.24	436.30	444.42	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	890.91	889.08	896.38	892.12	0.43	ppb
Phosphorus	31-2	6594.16	6663.93	6533.72	6597.27	0.99	ppb
Potassium	39-2	10739.83	10623.85	10738.71	10700.80	0.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2230.82	2227.64	2277.07	2245.18	1.23	ppb
Selenium	78-2	2242.73	2256.73	2235.34	2244.93	0.48	ppb
Selenium	82-1	2240.07	2244.18	2203.09	2229.12	1.02	ppb
Silicon	28-1	1888.86	1901.57	1877.84	1889.42	0.63	ppb
Silver	109-1	83.85	83.01	82.92	83.26	0.61	ppb
Silver	107-1	84.09	83.32	83.19	83.54	0.58	ppb
Sodium	23-2	14166.06	13951.21	14033.84	14050.37	0.77	ppb
Strontium	86-1	224.09	224.80	220.82	223.24	0.95	ppb
Strontium	88-1	226.20	226.31	223.28	225.26	0.76	ppb
Sulfur	34-1	-1623.18	-1792.59	-1901.35	-1772.37		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2121.54	2099.23	2128.46	2116.41	0.72	ppb
Thallium	205-1	2126.05	2098.85	2113.73	2112.88	0.64	ppb
Tin	118-1	1018.44	1008.92	1014.21	1013.86	0.47	ppb
Titanium	47-1	224.38	222.87	222.52	223.26	0.44	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.17	ppb
Vanadium	51-2	328.14	329.03	329.72	328.96	0.24	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	734.41	736.15	736.42	735.66	0.15	ppb
Zirconium	90-1	0.56	0.45	0.42	0.48	15.17	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01MS	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:58:38	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.81	0.77	0.72	0.77	6.18	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01MSD Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:01:59 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51076.24	3732.71	1957.81	18922.25	147.24	ppb
Antimony	121-1	878.43	863.20	863.81	868.48	0.99	ppb
Arsenic	75-2	52141.22	1515.59	849.77	18168.86	161.94	ppb
Barium	135-1	220.63	215.46	217.51	217.87	1.19	ppb
Barium	137-1	221.41	215.93	221.19	219.51	1.41	ppb
Beryllium	9-1	206.05	199.60	198.95	201.53	1.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	300.03	298.65	306.67	301.78	1.42	ppb
Boron	11-1	312.51	305.75	304.40	307.55	1.41	ppb
Cadmium	111-1	219.78	214.97	217.19	217.31	1.11	ppb
Cadmium	106-1	172.51	170.03	172.80	171.78	0.89	ppb
Cadmium	108-1	195.38	193.10	195.16	194.55	0.65	ppb
Calcium	43-1	6965.91	6858.37	6856.03	6893.44	0.91	ppb
Calcium	44-1	7006.96	6832.54	6855.96	6898.49	1.37	ppb
Chromium	52-2	11156.32	828.32	437.41	4140.68	146.81	ppb
Cobalt	59-2	5801.74	430.19	227.32	2153.08	146.83	ppb
Copper	63-2	19607.12	1443.68	768.06	7272.95	146.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	89464.87	6606.58	3477.51	33182.99	146.96	ppb
Iron	57-2	88365.29	6478.02	3459.75	32767.69	147.01	ppb
Lead	206-1	1064.17	1039.06	1045.93	1049.72	1.24	ppb
Lead	207-1	1064.08	1036.37	1034.17	1044.87	1.60	ppb
Lead	208-1	1060.27	1038.89	1043.46	1047.54	1.07	ppb
Lithium	6-1						%
Magnesium	24-2	84534.80	6225.14	3310.01	31356.65	146.94	ppb
Manganese	55-2	6474.05	483.05	254.95	2404.01	146.70	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01MSD Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:01:59 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	124.31	122.01	121.62	122.65	1.19	ppb
Molybdenum	95-1	407.27	401.31	395.51	401.36	1.46	ppb
Molybdenum	96-1	330.33	326.45	323.41	326.73	1.06	ppb
Molybdenum	97-1	407.41	401.93	396.67	402.00	1.34	ppb
Molybdenum	98-1	396.19	391.52	387.46	391.72	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	22146.27	1645.29	876.91	8222.82	146.72	ppb
Phosphorus	31-2	164714.00	12287.72	6376.65	61126.12	146.84	ppb
Potassium	39-2	271295.05	19875.88	10423.28	100531.40	147.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	131478.01	3799.06	2120.34	45799.14	162.02	ppb
Selenium	78-2	131444.74	3804.14	2138.50	45795.80	161.98	ppb
Selenium	82-1	2200.72	2159.87	2149.64	2170.08	1.25	ppb
Silicon	28-1	1806.68	1807.63	1764.40	1792.90	1.38	ppb
Silver	109-1	80.92	80.01	80.52	80.48	0.57	ppb
Silver	107-1	81.61	79.79	80.82	80.74	1.13	ppb
Sodium	23-2	354244.53	26318.09	13617.40	131393.34	146.96	ppb
Strontium	86-1	219.73	216.50	216.55	217.59	0.85	ppb
Strontium	88-1	222.18	219.95	217.31	219.81	1.11	ppb
Sulfur	34-1	-2352.86	-2470.03	-2580.60	-2467.83		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2095.65	2062.81	2063.31	2073.92	0.91	ppb
Thallium	205-1	2089.70	2080.15	2089.75	2086.53	0.26	ppb
Tin	118-1	939.47	936.09	932.95	936.17	0.35	ppb
Titanium	47-1	207.48	204.35	203.14	204.99	1.09	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.53	ppb
Vanadium	51-2	8282.98	618.34	325.11	3075.48	146.72	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	18414.48	1348.78	721.78	6828.35	147.02	ppb
Zirconium	90-1	0.21	0.21	0.18	0.20	7.53	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01MSD	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:01:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.43	0.46	0.38	0.42	10.01	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01A Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:05:23 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2010.07	2016.50	1989.32	2005.30	0.71	ppb
Antimony	121-1	904.48	916.89	898.43	906.60	1.04	ppb
Arsenic	75-2	870.11	873.56	870.43	871.37	0.22	ppb
Barium	135-1	218.84	222.43	216.73	219.33	1.31	ppb
Barium	137-1	220.46	223.49	219.22	221.06	1.00	ppb
Beryllium	9-1	202.04	200.05	201.42	201.17	0.51	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	294.67	302.58	306.96	301.40	2.07	ppb
Boron	11-1	303.69	308.18	307.35	306.41	0.78	ppb
Cadmium	111-1	216.09	218.15	215.48	216.57	0.64	ppb
Cadmium	106-1	168.95	169.02	169.68	169.22	0.24	ppb
Cadmium	108-1	193.47	196.40	194.91	194.93	0.75	ppb
Calcium	43-1	7031.07	7011.11	7009.00	7017.06	0.17	ppb
Calcium	44-1	7035.82	7059.02	7028.01	7040.95	0.23	ppb
Chromium	52-2	444.19	448.75	445.60	446.18	0.52	ppb
Cobalt	59-2	231.94	233.48	231.61	232.34	0.43	ppb
Copper	63-2	782.70	785.39	784.51	784.20	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	3565.85	3555.45	3500.84	3540.71	0.99	ppb
Iron	57-2	3530.75	3498.23	3476.67	3501.88	0.78	ppb
Lead	206-1	1051.88	1069.76	1053.26	1058.30	0.94	ppb
Lead	207-1	1050.59	1053.84	1052.39	1052.27	0.15	ppb
Lead	208-1	1048.85	1053.00	1052.81	1051.55	0.22	ppb
Lithium	6-1						%
Magnesium	24-2	3370.28	3388.48	3357.37	3372.04	0.46	ppb
Manganese	55-2	260.10	260.69	257.59	259.46	0.63	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01A	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:05:23	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	129.12	129.26	130.57	129.65	0.62	ppb
Molybdenum	95-1	423.53	423.18	426.16	424.29	0.38	ppb
Molybdenum	96-1	343.34	342.97	348.88	345.07	0.96	ppb
Molybdenum	97-1	421.07	423.09	427.53	423.90	0.78	ppb
Molybdenum	98-1	430.19	424.77	429.78	428.25	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	892.94	895.37	894.92	894.41	0.14	ppb
Phosphorus	31-2	6513.19	6499.46	6269.61	6427.42	2.13	ppb
Potassium	39-2	10526.07	10539.77	10476.84	10514.22	0.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2157.67	2166.32	2219.32	2181.10	1.53	ppb
Selenium	78-2	2154.26	2205.99	2187.70	2182.65	1.20	ppb
Selenium	82-1	2172.05	2194.64	2202.88	2189.86	0.73	ppb
Silicon	28-1	1852.04	1843.28	1828.18	1841.17	0.66	ppb
Silver	109-1	80.18	81.30	79.88	80.45	0.93	ppb
Silver	107-1	80.59	81.65	79.88	80.71	1.10	ppb
Sodium	23-2	14014.00	14051.15	13938.03	14001.06	0.41	ppb
Strontium	86-1	218.19	220.43	221.50	220.04	0.77	ppb
Strontium	88-1	221.27	218.89	223.93	221.36	1.14	ppb
Sulfur	34-1	-2402.85	-2499.68	-2434.15	-2445.56		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	2088.42	2106.26	2102.42	2099.03	0.45	ppb
Thallium	205-1	2080.76	2091.26	2101.88	2091.30	0.51	ppb
Tin	118-1	969.62	973.43	956.21	966.42	0.94	ppb
Titanium	47-1	217.66	211.85	214.13	214.54	1.37	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.55	ppb
Vanadium	51-2	331.03	330.91	330.84	330.93	0.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	736.73	741.55	739.89	739.39	0.33	ppb
Zirconium	90-1	0.16	0.17	0.15	0.16	5.50	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01A	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:05:23	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.40	0.40	0.37	0.39	4.59	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-02 Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:08:44 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.76	10.38	10.47	10.87	7.08	ppb
Antimony	121-1	1.80	1.82	1.70	1.77	3.65	ppb
Arsenic	75-2	0.50	0.57	0.57	0.55	7.31	ppb
Barium	135-1	15.88	15.88	15.52	15.76	1.32	ppb
Barium	137-1	15.61	15.85	15.51	15.66	1.10	ppb
Beryllium	9-1	0.01	0.04	0.03	0.03	59.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	18.02	17.86	19.07	18.32	3.57	ppb
Boron	11-1	18.02	18.53	17.09	17.88	4.08	ppb
Cadmium	111-1	-0.11	-0.17	-0.10	-0.13		ppb
Cadmium	106-1	-1.90	-2.67	-1.87	-2.14		ppb
Cadmium	108-1	0.04	0.06	0.08	0.06	35.90	ppb
Calcium	43-1	5753.44	5631.78	5710.41	5698.55	1.08	ppb
Calcium	44-1	5797.30	5765.76	5745.67	5769.58	0.45	ppb
Chromium	52-2	0.39	0.43	0.38	0.40	6.93	ppb
Cobalt	59-2	0.00	0.01	0.00	0.01	103.65	ppb
Copper	63-2	41.16	41.30	41.06	41.18	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	38.63	39.01	38.20	38.61	1.05	ppb
Iron	57-2	41.38	43.30	41.63	42.11	2.48	ppb
Lead	206-1	1.13	1.08	1.11	1.11	2.16	ppb
Lead	207-1	0.94	1.00	0.95	0.96	3.44	ppb
Lead	208-1	1.04	1.04	1.03	1.04	0.57	ppb
Lithium	6-1						%
Magnesium	24-2	1199.26	1191.46	1174.64	1188.45	1.06	ppb
Manganese	55-2	20.46	20.51	20.28	20.41	0.58	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-02	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:08:44	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.21	0.20	0.18	0.20	8.12	ppb
Molybdenum	95-1	0.61	0.56	0.52	0.56	7.75	ppb
Molybdenum	96-1	0.52	0.45	0.48	0.49	7.49	ppb
Molybdenum	97-1	0.57	0.60	0.51	0.56	7.66	ppb
Molybdenum	98-1	0.56	0.56	0.49	0.54	7.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.28	7.25	7.09	7.21	1.39	ppb
Phosphorus	31-2	631.68	608.12	631.25	623.68	2.16	ppb
Potassium	39-2	527.68	524.72	519.61	524.00	0.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	1.61	0.54	0.81	0.99	56.37	ppb
Selenium	78-2	0.36	0.63	0.61	0.53	28.33	ppb
Selenium	82-1	1.20	0.53	0.58	0.77	48.70	ppb
Silicon	28-1	901.05	876.08	874.23	883.78	1.69	ppb
Silver	109-1	0.32	0.36	0.38	0.35	7.97	ppb
Silver	107-1	0.30	0.33	0.38	0.34	12.89	ppb
Sodium	23-2	10947.30	10824.16	10753.52	10841.66	0.90	ppb
Strontium	86-1	18.66	18.73	18.55	18.64	0.51	ppb
Strontium	88-1	18.71	18.67	18.70	18.69	0.10	ppb
Sulfur	34-1	-1992.20	-1915.81	-1828.99	-1912.33		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.28	0.27	0.25	0.27	5.57	ppb
Thallium	205-1	0.28	0.26	0.23	0.26	10.13	ppb
Tin	118-1	6.43	6.44	6.20	6.36	2.10	ppb
Titanium	47-1	0.48	0.56	0.56	0.53	8.66	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	13.27	ppb
Vanadium	51-2	0.12	0.10	0.10	0.11	9.13	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	24.88	25.36	25.02	25.09	0.99	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	5.63	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-02	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:08:44	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.03	0.02	0.02	30.34	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:12:09	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49413.18	48930.44	49228.51	49190.71	0.50	ppb
Antimony	121-1	487.78	495.68	494.32	492.59	0.86	ppb
Arsenic	75-2	499.71	499.84	501.06	500.20	0.15	ppb
Barium	135-1	2484.25	2508.47	2479.28	2490.66	0.63	ppb
Barium	137-1	2447.77	2489.87	2463.87	2467.17	0.86	ppb
Beryllium	9-1	517.49	523.12	527.68	522.76	0.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	528.92	541.99	546.01	538.97	1.66	ppb
Boron	11-1	535.21	555.15	559.29	549.88	2.34	ppb
Cadmium	111-1	481.44	490.48	487.13	486.35	0.94	ppb
Cadmium	106-1	476.03	482.59	487.95	482.19	1.24	ppb
Cadmium	108-1	475.63	486.64	483.79	482.02	1.19	ppb
Calcium	43-1	243285.87	243837.08	246421.41	244514.79	0.68	ppb
Calcium	44-1	241822.97	241819.40	245330.64	242991.00	0.83	ppb
Chromium	52-2	500.06	496.38	504.48	500.31	0.81	ppb
Cobalt	59-2	491.84	488.01	493.90	491.25	0.61	ppb
Copper	63-2	982.95	967.40	979.02	976.46	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	128175.06	127432.80	128938.47	128182.11	0.59	ppb
Iron	57-2	129347.29	127236.86	128866.18	128483.44	0.86	ppb
Lead	206-1	488.65	486.65	488.89	488.06	0.25	ppb
Lead	207-1	480.82	475.16	478.51	478.16	0.60	ppb
Lead	208-1	496.76	490.32	495.74	494.27	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	253001.00	250386.01	252159.95	251848.99	0.53	ppb
Manganese	55-2	989.96	985.74	1001.46	992.39	0.82	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:12:09	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	500.87	509.28	504.65	504.93	0.83	ppb
Molybdenum	95-1	494.05	499.68	503.00	498.91	0.91	ppb
Molybdenum	96-1	481.93	487.92	487.09	485.65	0.67	ppb
Molybdenum	97-1	495.02	504.47	500.31	499.93	0.95	ppb
Molybdenum	98-1	503.87	500.93	507.27	504.02	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.64	483.96	491.30	487.30	0.76	ppb
Phosphorus	31-2	9931.59	9716.67	9923.24	9857.17	1.24	ppb
Potassium	39-2	121715.44	121363.96	123436.23	122171.87	0.91	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	486.73	516.05	497.68	500.15	2.96	ppb
Selenium	78-2	483.28	485.17	494.49	487.65	1.23	ppb
Selenium	82-1	479.13	483.54	481.52	481.40	0.46	ppb
Silicon	28-1	508.13	507.57	517.88	511.19	1.13	ppb
Silver	109-1	471.19	487.91	483.27	480.79	1.79	ppb
Silver	107-1	476.57	485.22	486.21	482.67	1.10	ppb
Sodium	23-2	254987.82	252688.44	255720.48	254465.58	0.62	ppb
Strontium	86-1	510.41	511.07	513.97	511.81	0.37	ppb
Strontium	88-1	516.66	512.17	518.68	515.84	0.65	ppb
Sulfur	34-1	9083.74	9060.30	9410.15	9184.73	2.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	502.77	503.27	505.30	503.78	0.27	ppb
Thallium	205-1	501.89	499.86	507.90	503.22	0.83	ppb
Tin	118-1	482.29	506.17	499.01	495.82	2.47	ppb
Titanium	47-1	491.65	486.65	491.56	489.95	0.58	ppb
Uranium	238-1	507.54	499.63	507.62	504.93	0.91	ppb
Vanadium	51-2	503.15	500.03	507.09	503.43	0.70	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	974.34	972.46	973.45	973.42	0.10	ppb
Zirconium	90-1	497.99	505.43	503.20	502.21	0.76	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:12:09	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	491.13	497.43	496.54	495.03	0.69	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:15:33	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.86	-0.45	-0.43	-0.58		ppb
Antimony	121-1	1.21	1.18	1.07	1.15	6.27	ppb
Arsenic	75-2	0.15	0.15	0.14	0.15	2.80	ppb
Barium	135-1	0.02	0.02	0.03	0.02	15.01	ppb
Barium	137-1	0.01	0.03	0.02	0.02	36.99	ppb
Beryllium	9-1	0.07	0.05	0.04	0.05	26.37	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	16.53	15.96	15.11	15.87	4.50	ppb
Boron	11-1	17.13	15.88	15.15	16.05	6.25	ppb
Cadmium	111-1	-0.05	-0.03	-0.11	-0.06		ppb
Cadmium	106-1	-0.94	-0.60	-1.68	-1.07		ppb
Cadmium	108-1	0.08	0.11	0.08	0.09	18.45	ppb
Calcium	43-1	1.01	2.08	-1.94	0.38	541.52	ppb
Calcium	44-1	65.12	61.34	65.85	64.10	3.77	ppb
Chromium	52-2	-0.24	-0.30	-0.26	-0.27		ppb
Cobalt	59-2	-0.03	-0.03	-0.03	-0.03		ppb
Copper	63-2	0.35	0.33	0.32	0.33	4.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.35	0.20	0.31	0.29	26.43	ppb
Iron	57-2	0.47	0.43	-0.19	0.24	153.52	ppb
Lead	206-1	0.26	0.22	0.22	0.23	9.96	ppb
Lead	207-1	0.22	0.21	0.22	0.22	1.94	ppb
Lead	208-1	0.24	0.23	0.23	0.23	3.10	ppb
Lithium	6-1						%
Magnesium	24-2	-3.88	-4.26	-3.71	-3.95		ppb
Manganese	55-2	-0.03	-0.03	-0.02	-0.03		ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:15:33	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.19	0.18	0.19	0.19	2.85	ppb
Molybdenum	95-1	0.40	0.39	0.38	0.39	2.44	ppb
Molybdenum	96-1	0.36	0.32	0.35	0.34	5.85	ppb
Molybdenum	97-1	0.48	0.41	0.42	0.44	8.71	ppb
Molybdenum	98-1	0.37	0.35	0.32	0.35	7.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.09	-0.09	-0.09		ppb
Phosphorus	31-2	6.80	-11.18	-10.94	-5.11		ppb
Potassium	39-2	39.17	35.30	35.73	36.73	5.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.28	0.54	0.22	0.35	49.68	ppb
Selenium	82-1	0.26	0.69	0.40	0.45	48.35	ppb
Silicon	28-1	-1.99	-1.98	-2.33	-2.10		ppb
Silver	109-1	0.06	0.06	0.06	0.06	4.01	ppb
Silver	107-1	0.05	0.04	0.05	0.05	16.71	ppb
Sodium	23-2	52.85	51.20	45.36	49.80	7.90	ppb
Strontium	86-1	-0.02	-0.03	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	278.47	ppb
Sulfur	34-1	-1599.07	-1777.91	-1739.11	-1705.36		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.24	0.20	0.20	0.21	10.83	ppb
Thallium	205-1	0.23	0.21	0.20	0.21	7.47	ppb
Tin	118-1	0.04	0.03	-0.03	0.01	260.21	ppb
Titanium	47-1	-0.04	0.01	-0.04	-0.02		ppb
Uranium	238-1	0.01	0.00	0.00	0.00	40.15	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	37.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.09	0.15	0.11	27.92	ppb
Zirconium	90-1	0.10	0.10	0.09	0.10	7.76	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:15:33	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.10	0.10	0.07	0.09	20.97	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-03 Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:18:58 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.01	6.22	5.80	6.01	3.43	ppb
Antimony	121-1	0.42	0.43	0.42	0.42	0.92	ppb
Arsenic	75-2	0.42	0.42	0.47	0.44	6.72	ppb
Barium	135-1	15.81	15.85	15.77	15.81	0.25	ppb
Barium	137-1	15.83	15.78	15.61	15.74	0.74	ppb
Beryllium	9-1	0.03	0.03	0.05	0.03	32.95	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	13.70	12.24	12.34	12.76	6.39	ppb
Boron	11-1	12.84	12.66	13.42	12.98	3.07	ppb
Cadmium	111-1	-0.04	-0.07	-0.09	-0.06		ppb
Cadmium	106-1	-0.75	-1.15	-1.39	-1.10		ppb
Cadmium	108-1	0.06	0.09	0.06	0.07	21.50	ppb
Calcium	43-1	5723.59	5806.56	5827.97	5786.04	0.95	ppb
Calcium	44-1	5775.20	5804.50	5817.06	5798.92	0.37	ppb
Chromium	52-2	-0.23	-0.20	-0.20	-0.21		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	21.34	21.69	21.55	21.53	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25.76	25.74	25.86	25.78	0.25	ppb
Iron	57-2	31.49	32.48	32.71	32.23	2.00	ppb
Lead	206-1	1.15	1.15	1.14	1.15	0.72	ppb
Lead	207-1	1.06	0.99	0.96	1.00	5.08	ppb
Lead	208-1	1.10	1.09	1.06	1.09	1.89	ppb
Lithium	6-1						%
Magnesium	24-2	1186.71	1192.65	1189.29	1189.55	0.25	ppb
Manganese	55-2	15.75	15.90	16.02	15.89	0.85	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-03 Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:18:58 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.34	0.34	0.29	0.32	8.41	ppb
Molybdenum	95-1	0.16	0.18	0.17	0.17	7.72	ppb
Molybdenum	96-1	0.22	0.20	0.18	0.20	9.03	ppb
Molybdenum	97-1	0.18	0.20	0.15	0.18	14.17	ppb
Molybdenum	98-1	0.15	0.16	0.14	0.15	8.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.90	1.82	1.77	1.83	3.60	ppb
Phosphorus	31-2	655.72	632.55	617.19	635.16	3.05	ppb
Potassium	39-2	565.61	558.95	552.44	559.00	1.18	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.98	0.49	0.49	0.65	43.48	ppb
Selenium	78-2	-0.09	0.02	0.20	0.04	344.57	ppb
Selenium	82-1	0.59	-0.17	0.34	0.25	152.02	ppb
Silicon	28-1	890.70	890.14	902.22	894.35	0.76	ppb
Silver	109-1	0.24	0.26	0.30	0.27	11.35	ppb
Silver	107-1	0.24	0.27	0.31	0.27	12.25	ppb
Sodium	23-2	10810.92	10909.74	10896.44	10872.37	0.49	ppb
Strontium	86-1	18.50	19.06	19.22	18.93	1.99	ppb
Strontium	88-1	18.53	18.97	18.86	18.79	1.23	ppb
Sulfur	34-1	-1075.40	-1195.35	-1102.67	-1124.47		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.34	0.29	0.22	0.28	20.50	ppb
Thallium	205-1	0.37	0.27	0.20	0.28	29.26	ppb
Tin	118-1	1.41	1.40	1.40	1.40	0.25	ppb
Titanium	47-1	0.43	0.33	0.39	0.38	13.46	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	20.21	ppb
Vanadium	51-2	0.10	0.09	0.07	0.09	15.02	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	14.39	14.31	14.10	14.27	1.03	ppb
Zirconium	90-1	0.43	0.38	0.37	0.39	8.53	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-03	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:18:58	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.45	0.37	0.30	0.37	20.74	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-04 Instrumnet Name : P7
 Client Sample ID : MAPM-41-GROUND-EX1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:22:22 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.01	5.62	5.43	5.02	17.61	ppb
Antimony	121-1	0.29	0.29	0.34	0.31	10.22	ppb
Arsenic	75-2	0.42	0.39	0.36	0.39	7.39	ppb
Barium	135-1	14.70	14.77	15.05	14.84	1.24	ppb
Barium	137-1	14.83	15.04	14.87	14.92	0.73	ppb
Beryllium	9-1	0.02	0.05	0.00	0.02	109.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	10.82	11.25	10.49	10.85	3.54	ppb
Boron	11-1	11.56	10.53	11.28	11.12	4.77	ppb
Cadmium	111-1	-0.12	-0.10	-0.11	-0.11		ppb
Cadmium	106-1	-2.08	-1.68	-1.81	-1.86		ppb
Cadmium	108-1	0.13	0.11	0.13	0.12	6.73	ppb
Calcium	43-1	5828.42	5760.04	5769.38	5785.95	0.64	ppb
Calcium	44-1	5857.56	5819.69	5852.80	5843.35	0.35	ppb
Chromium	52-2	-0.28	-0.28	-0.28	-0.28		ppb
Cobalt	59-2	0.04	0.04	0.03	0.03	12.95	ppb
Copper	63-2	306.48	306.35	309.15	307.32	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.40	21.02	21.67	21.36	1.53	ppb
Iron	57-2	26.17	23.35	25.93	25.15	6.22	ppb
Lead	206-1	3.30	3.37	3.27	3.32	1.53	ppb
Lead	207-1	2.88	3.05	2.99	2.97	2.79	ppb
Lead	208-1	3.14	3.22	3.16	3.17	1.41	ppb
Lithium	6-1						%
Magnesium	24-2	1192.16	1176.40	1176.91	1181.82	0.76	ppb
Manganese	55-2	12.66	12.56	12.59	12.60	0.42	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-04 Instrumnet Name : P7
 Client Sample ID : MAPM-41-GROUND-EX1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:22:22 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.16	0.15	0.14	0.15	7.18	ppb
Molybdenum	95-1	0.12	0.12	0.13	0.13	1.64	ppb
Molybdenum	96-1	0.14	0.13	0.13	0.13	4.14	ppb
Molybdenum	97-1	0.15	0.13	0.11	0.13	15.03	ppb
Molybdenum	98-1	0.11	0.11	0.13	0.12	11.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.68	1.63	1.72	1.68	2.71	ppb
Phosphorus	31-2	464.64	478.07	490.84	477.85	2.74	ppb
Potassium	39-2	532.83	517.37	528.59	526.26	1.52	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.51	0.25	0.76	0.51	49.73	ppb
Selenium	78-2	-0.17	-0.39	-0.27	-0.28		ppb
Selenium	82-1	0.13	-0.10	0.19	0.07	215.11	ppb
Silicon	28-1	889.76	892.12	899.30	893.73	0.56	ppb
Silver	109-1	0.29	0.29	0.35	0.31	10.57	ppb
Silver	107-1	0.28	0.30	0.36	0.31	13.69	ppb
Sodium	23-2	10760.71	10616.11	10655.59	10677.47	0.70	ppb
Strontium	86-1	18.58	18.74	18.67	18.67	0.43	ppb
Strontium	88-1	19.14	18.93	18.88	18.98	0.73	ppb
Sulfur	34-1	-1329.92	-1399.15	-1194.20	-1307.76		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.07	0.07	0.07	0.07	1.81	ppb
Thallium	205-1	0.06	0.07	0.06	0.07	8.93	ppb
Tin	118-1	670.32	669.96	676.78	672.35	0.57	ppb
Titanium	47-1	0.31	0.32	0.28	0.30	7.71	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	15.94	ppb
Vanadium	51-2	0.07	0.08	0.09	0.08	9.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	201.25	200.69	203.75	201.90	0.81	ppb
Zirconium	90-1	0.17	0.17	0.14	0.16	10.32	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-04	Instrumnet Name :	P7
Client Sample ID :	MAPM-41-GROUND-EX1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:22:22	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.13	0.16	0.15	14.55	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-05 Instrumnet Name : P7
 Client Sample ID : MAPM-41-GROUND-EX1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:25:47 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.47	6.19	4.97	5.21	16.99	ppb
Antimony	121-1	0.18	0.21	0.22	0.21	9.90	ppb
Arsenic	75-2	0.43	0.41	0.38	0.40	5.34	ppb
Barium	135-1	15.74	16.07	15.84	15.88	1.05	ppb
Barium	137-1	15.63	15.94	15.96	15.84	1.18	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	20.08	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	7.92	8.39	9.31	8.54	8.31	ppb
Boron	11-1	9.37	9.01	8.96	9.11	2.42	ppb
Cadmium	111-1	-0.11	-0.10	-0.17	-0.13		ppb
Cadmium	106-1	-1.80	-1.55	-2.37	-1.91		ppb
Cadmium	108-1	0.02	0.05	0.02	0.03	50.42	ppb
Calcium	43-1	5752.24	5822.44	5859.11	5811.26	0.93	ppb
Calcium	44-1	5809.03	5813.49	5837.83	5820.12	0.27	ppb
Chromium	52-2	-0.22	-0.19	-0.17	-0.19		ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	64.09	65.14	66.10	65.11	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.69	18.68	19.13	18.83	1.39	ppb
Iron	57-2	23.56	22.06	25.68	23.77	7.64	ppb
Lead	206-1	2.53	2.54	2.54	2.53	0.30	ppb
Lead	207-1	2.32	2.32	2.32	2.32	0.13	ppb
Lead	208-1	2.44	2.43	2.44	2.44	0.17	ppb
Lithium	6-1						%
Magnesium	24-2	1183.39	1200.44	1222.80	1202.21	1.64	ppb
Manganese	55-2	14.32	14.48	14.43	14.41	0.56	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-05 Instrumnet Name : P7
 Client Sample ID : MAPM-41-GROUND-EX1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:25:47 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.09	0.12	0.10	14.76	ppb
Molybdenum	95-1	0.09	0.10	0.08	0.09	11.11	ppb
Molybdenum	96-1	0.09	0.09	0.10	0.09	5.69	ppb
Molybdenum	97-1	0.10	0.10	0.10	0.10	1.16	ppb
Molybdenum	98-1	0.08	0.09	0.09	0.08	3.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.80	0.80	0.84	0.82	2.67	ppb
Phosphorus	31-2	643.43	618.39	634.68	632.17	2.01	ppb
Potassium	39-2	529.81	534.01	544.36	536.06	1.40	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.78	0.26	0.26	0.43	69.14	ppb
Selenium	78-2	-0.02	-0.27	-0.09	-0.13		ppb
Selenium	82-1	0.56	0.73	0.43	0.57	26.87	ppb
Silicon	28-1	893.21	900.79	914.02	902.67	1.17	ppb
Silver	109-1	0.25	0.27	0.28	0.27	7.27	ppb
Silver	107-1	0.24	0.27	0.28	0.26	7.00	ppb
Sodium	23-2	11042.15	10980.59	11164.33	11062.36	0.85	ppb
Strontium	86-1	18.96	18.99	19.00	18.98	0.10	ppb
Strontium	88-1	19.00	19.09	19.11	19.07	0.32	ppb
Sulfur	34-1	-1164.60	-1073.79	-928.42	-1055.60		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.02	0.02	0.02	6.00	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	7.82	ppb
Tin	118-1	14.26	14.50	14.51	14.42	0.96	ppb
Titanium	47-1	0.43	0.33	0.40	0.39	13.54	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	11.67	ppb
Vanadium	51-2	0.08	0.09	0.10	0.09	12.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	22.10	21.40	22.14	21.88	1.91	ppb
Zirconium	90-1	0.11	0.10	0.11	0.10	2.41	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-05	Instrumnet Name :	P7
Client Sample ID :	MAPM-41-GROUND-EX1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:25:47	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.11	0.10	0.10	9.63	ppb

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-06 Instrumnet Name : P7
 Client Sample ID : MAPM-41-GROUND-EX1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:29:12 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.69	7.42	4.72	6.94	29.20	ppb
Antimony	121-1	0.17	0.17	0.18	0.17	3.49	ppb
Arsenic	75-2	0.40	0.43	0.36	0.40	8.32	ppb
Barium	135-1	15.27	15.25	15.37	15.30	0.43	ppb
Barium	137-1	15.41	15.24	15.38	15.34	0.60	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	26.93	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	8.24	6.61	6.24	7.03	15.13	ppb
Boron	11-1	7.61	7.18	7.50	7.43	3.05	ppb
Cadmium	111-1	-0.15	-0.18	-0.18	-0.17		ppb
Cadmium	106-1	-2.24	-2.65	-2.65	-2.51		ppb
Cadmium	108-1	0.07	0.02	0.02	0.04	77.69	ppb
Calcium	43-1	5601.00	5684.92	5562.96	5616.29	1.11	ppb
Calcium	44-1	5665.92	5679.96	5660.02	5668.63	0.18	ppb
Chromium	52-2	-0.04	-0.09	-0.10	-0.08		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	60.11	60.82	60.31	60.41	0.60	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.34	19.58	19.08	19.33	1.31	ppb
Iron	57-2	24.33	25.07	25.30	24.90	2.02	ppb
Lead	206-1	4.77	4.74	4.72	4.75	0.49	ppb
Lead	207-1	4.41	4.29	4.46	4.39	1.98	ppb
Lead	208-1	4.60	4.51	4.63	4.58	1.45	ppb
Lithium	6-1						%
Magnesium	24-2	1156.13	1162.66	1175.72	1164.84	0.86	ppb
Manganese	55-2	14.96	15.01	15.06	15.01	0.32	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-06	Instrumnet Name :	P7
Client Sample ID :	MAPM-41-GROUND-EX1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:29:12	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.09	0.08	0.07	0.08	17.09	ppb
Molybdenum	95-1	0.08	0.07	0.09	0.08	8.35	ppb
Molybdenum	96-1	0.06	0.08	0.05	0.06	19.61	ppb
Molybdenum	97-1	0.06	0.09	0.09	0.08	19.07	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	4.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.33	1.38	1.27	1.33	4.02	ppb
Phosphorus	31-2	582.17	582.90	594.58	586.55	1.19	ppb
Potassium	39-2	508.53	513.82	513.21	511.85	0.57	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.52	0.26	0.52	0.43	35.00	ppb
Selenium	78-2	-0.26	-0.24	0.56	0.02	2511.95	ppb
Selenium	82-1	0.32	0.38	0.75	0.48	48.90	ppb
Silicon	28-1	873.89	861.22	859.83	864.98	0.90	ppb
Silver	109-1	0.20	0.21	0.24	0.22	8.17	ppb
Silver	107-1	0.20	0.20	0.23	0.21	7.37	ppb
Sodium	23-2	10695.53	10618.02	10718.54	10677.37	0.49	ppb
Strontium	86-1	18.56	18.16	18.30	18.34	1.08	ppb
Strontium	88-1	18.40	18.46	18.21	18.36	0.71	ppb
Sulfur	34-1	-1423.10	-1296.29	-1431.08	-1383.49		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	36.73	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	45.10	ppb
Tin	118-1	1.52	1.59	1.49	1.53	3.06	ppb
Titanium	47-1	0.38	0.39	0.48	0.41	13.98	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	3.14	ppb
Vanadium	51-2	0.10	0.09	0.10	0.10	7.92	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.67	33.39	32.75	32.94	1.20	ppb
Zirconium	90-1	0.08	0.07	0.07	0.07	9.28	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-06	Instrumnet Name :	P7
Client Sample ID :	MAPM-41-GROUND-EX1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:29:12	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.07	0.07	0.08	19.24	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:32:37	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47560.06	47950.65	47856.62	47789.11	0.43	ppb
Antimony	121-1	488.55	488.41	489.55	488.83	0.13	ppb
Arsenic	75-2	489.05	494.24	493.00	492.10	0.55	ppb
Barium	135-1	2456.40	2471.09	2474.90	2467.46	0.40	ppb
Barium	137-1	2442.58	2459.66	2441.10	2447.78	0.42	ppb
Beryllium	9-1	516.85	521.61	530.21	522.89	1.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	536.39	543.01	559.63	546.34	2.19	ppb
Boron	11-1	536.85	554.95	564.30	552.03	2.53	ppb
Cadmium	111-1	472.66	482.14	481.25	478.68	1.09	ppb
Cadmium	106-1	473.54	478.28	480.19	477.34	0.72	ppb
Cadmium	108-1	469.52	475.35	477.28	474.05	0.85	ppb
Calcium	43-1	242853.39	240760.46	240139.96	241251.27	0.59	ppb
Calcium	44-1	241490.59	241594.50	238776.67	240620.59	0.66	ppb
Chromium	52-2	489.55	482.43	489.17	487.05	0.82	ppb
Cobalt	59-2	477.83	480.77	481.02	479.87	0.37	ppb
Copper	63-2	949.45	955.19	960.22	954.95	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	124182.36	125292.58	124842.94	124772.63	0.45	ppb
Iron	57-2	123505.11	126116.34	125416.30	125012.58	1.08	ppb
Lead	206-1	479.71	482.51	480.37	480.86	0.30	ppb
Lead	207-1	473.43	468.85	470.31	470.86	0.50	ppb
Lead	208-1	488.72	487.36	485.79	487.29	0.30	ppb
Lithium	6-1						%
Magnesium	24-2	243956.30	244380.89	244975.68	244437.62	0.21	ppb
Manganese	55-2	962.72	966.20	966.17	965.03	0.21	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:32:37	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	497.12	489.36	488.76	491.75	0.95	ppb
Molybdenum	95-1	491.37	484.33	483.97	486.55	0.86	ppb
Molybdenum	96-1	477.46	472.08	472.29	473.94	0.64	ppb
Molybdenum	97-1	489.15	484.56	487.04	486.92	0.47	ppb
Molybdenum	98-1	497.12	489.43	492.14	492.90	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.37	473.44	476.93	475.24	0.37	ppb
Phosphorus	31-2	9634.11	9628.86	9802.71	9688.56	1.02	ppb
Potassium	39-2	121109.03	121346.81	121345.54	121267.13	0.11	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	484.99	481.25	492.80	486.35	1.21	ppb
Selenium	78-2	484.14	476.70	484.71	481.85	0.93	ppb
Selenium	82-1	470.53	471.95	473.38	471.95	0.30	ppb
Silicon	28-1	493.13	498.40	494.64	495.39	0.55	ppb
Silver	109-1	471.09	475.26	479.13	475.16	0.85	ppb
Silver	107-1	471.00	479.35	480.92	477.09	1.12	ppb
Sodium	23-2	247075.34	246771.18	248907.00	247584.51	0.47	ppb
Strontium	86-1	501.41	497.41	503.91	500.91	0.65	ppb
Strontium	88-1	506.97	503.98	510.17	507.04	0.61	ppb
Sulfur	34-1	8995.87	9002.84	8872.08	8956.93	0.82	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.82	498.64	496.21	497.56	0.25	ppb
Thallium	205-1	496.31	499.47	498.12	497.97	0.32	ppb
Tin	118-1	493.15	479.62	496.96	489.91	1.86	ppb
Titanium	47-1	486.53	487.25	480.62	484.80	0.75	ppb
Uranium	238-1	496.03	495.51	496.26	495.93	0.08	ppb
Vanadium	51-2	490.71	492.94	493.64	492.43	0.31	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	942.50	950.86	952.99	948.78	0.58	ppb
Zirconium	90-1	496.24	488.29	493.03	492.52	0.81	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:32:37	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	486.74	485.87	484.47	485.69	0.23	ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:36:02	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.26	-0.04	0.29	118.56	ppb
Antimony	121-1	1.07	0.94	0.89	0.97	9.28	ppb
Arsenic	75-2	0.09	0.13	0.07	0.10	29.25	ppb
Barium	135-1	0.04	0.04	0.03	0.04	20.70	ppb
Barium	137-1	0.03	0.04	0.04	0.04	15.19	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	22.66	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	10-1	9.94	7.33	9.16	8.81	15.18	ppb
Boron	11-1	9.92	9.45	8.95	9.44	5.14	ppb
Cadmium	111-1	-0.12	-0.11	-0.13	-0.12		ppb
Cadmium	106-1	-1.91	-1.74	-2.01	-1.88		ppb
Cadmium	108-1	0.05	0.05	-0.02	0.03	141.29	ppb
Calcium	43-1	2.76	0.87	2.47	2.03	49.97	ppb
Calcium	44-1	55.82	55.82	55.76	55.80	0.06	ppb
Chromium	52-2	-0.32	-0.29	-0.28	-0.30		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.31	0.25	0.29	0.28	11.34	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.80	0.58	0.60	0.66	18.20	ppb
Iron	57-2	0.75	1.23	1.55	1.18	34.42	ppb
Lead	206-1	0.18	0.16	0.16	0.17	8.42	ppb
Lead	207-1	0.13	0.17	0.16	0.15	16.28	ppb
Lead	208-1	0.16	0.17	0.17	0.17	5.36	ppb
Lithium	6-1						%
Magnesium	24-2	-2.53	-3.65	-3.06	-3.08		ppb
Manganese	55-2	-0.03	-0.03	-0.05	-0.03		ppb

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:36:02	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.17	0.14	0.14	0.15	12.28	ppb
Molybdenum	95-1	0.36	0.29	0.31	0.32	11.88	ppb
Molybdenum	96-1	0.30	0.26	0.24	0.27	12.38	ppb
Molybdenum	97-1	0.30	0.26	0.26	0.27	7.96	ppb
Molybdenum	98-1	0.31	0.31	0.27	0.30	8.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.11	-0.11	-0.10		ppb
Phosphorus	31-2	-15.23	-13.20	-13.02	-13.81		ppb
Potassium	39-2	33.02	29.65	27.33	30.00	9.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	-0.30	0.38	0.08	436.09	ppb
Selenium	82-1	0.44	0.55	-0.05	0.31	101.46	ppb
Silicon	28-1	-1.56	-2.38	-2.53	-2.16		ppb
Silver	109-1	0.06	0.05	0.04	0.05	16.02	ppb
Silver	107-1	0.05	0.05	0.05	0.05	0.39	ppb
Sodium	23-2	44.24	45.23	41.67	43.71	4.20	ppb
Strontium	86-1	-0.04	-0.04	-0.04	-0.04		ppb
Strontium	88-1	0.01	0.01	0.00	0.00	105.56	ppb
Sulfur	34-1	-2314.05	-2347.47	-2319.88	-2327.13		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.21	0.20	0.17	0.20	11.77	ppb
Thallium	205-1	0.21	0.20	0.19	0.20	5.11	ppb
Tin	118-1	-0.29	-0.33	-0.31	-0.31		ppb
Titanium	47-1	-0.05	-0.04	-0.05	-0.05		ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.40	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	62.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.04	0.01	0.06	0.03	78.87	ppb
Zirconium	90-1	0.08	0.09	0.07	0.08	13.33	ppb

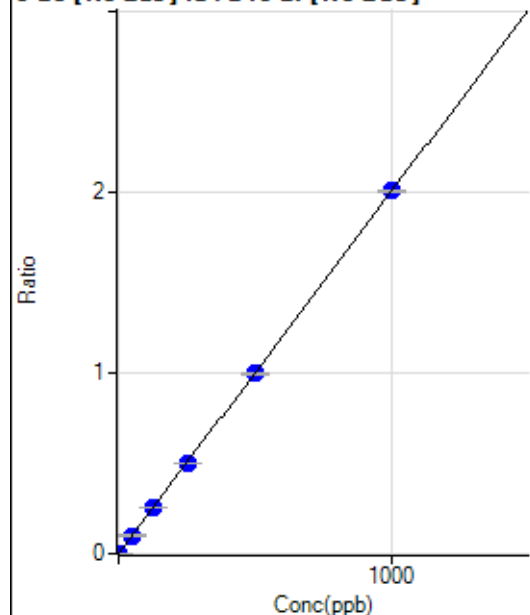
LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:36:02	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.07	0.06	0.09	0.07	20.00	ppb

Batch Folder: D:\ICP-MS Data\P7092917 -MS.b\
Analysis File: P7092917 -MS.batch.bin
DA Date-Time: 2017-09-29 10:35:57
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2017-09-29 10:24:07
2			
3	007CALS.d	S02	2017-09-29 10:32:08
4	008CALS.d	S03	2017-09-29 10:35:54
5	009CALS.d	S04	2017-09-29 10:39:51
6	010CALS.d	S05	2017-09-29 10:43:29
7	011CALS.d	S06	2017-09-29 10:47:06
8	012CALS.d	S07	2017-09-29 10:50:35
9	013CALS.d	S08	2017-09-29 10:54:01

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	42.59	0.0000	P	20.5
2	☐	0.100					
3	☐	1.000	0.924	1605.68	0.0019	P	2.0
4	☐	50.000	50.205	87180.79	0.1008	P	0.9
5	☐	125.000	125.013	216251.72	0.2508	P	0.2
6	☐	250.000	250.183	427651.19	0.5019	P	0.4
7	☐	500.000	497.316	834413.43	0.9976	P	1.2
8	☐	1000.000	1001.285	1635496.83	2.0085	P	0.5
9	☐			138.89	0.0002	P	35.1

$$y = 0.0020 * x + 4.9948E-005$$

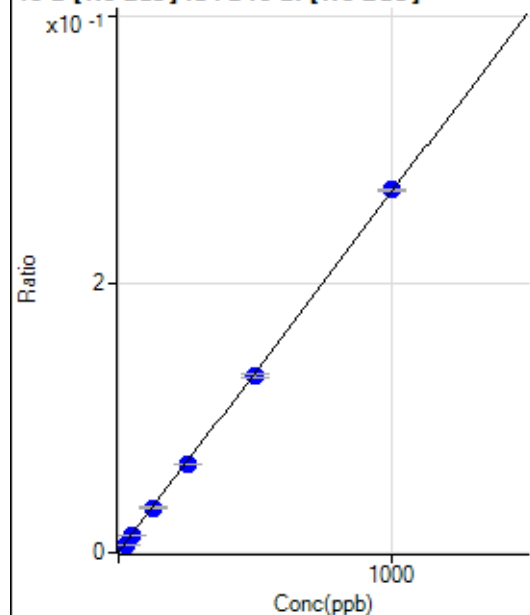
$$R = 1.0000$$

$$DL = 0.0153$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	283.35	0.0003	P	7.6
2	☐	2.500					
3	☐	25.000	21.358	5109.40	0.0061	P	2.9
4	☐	50.000	49.192	11702.15	0.0135	P	0.9
5	☐	125.000	122.392	28586.29	0.0332	P	4.0
6	☐	250.000	245.424	56361.27	0.0661	P	1.2
7	☐	500.000	490.405	110277.18	0.1318	P	1.5
8	☐	1000.000	1006.399	220043.25	0.2702	P	0.5
9	☐			6568.39	0.0089	P	7.8

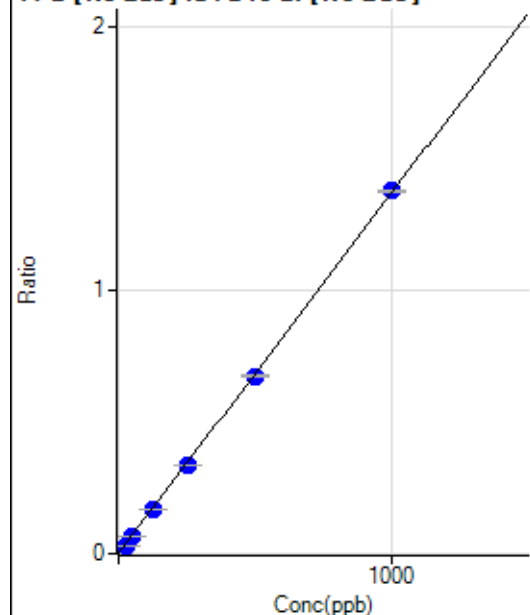
$$y = 2.6817E-004 * x + 3.3200E-004$$

$$R = 0.9999$$

$$DL = 0.2816$$

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	1244.55	0.0015	P	3.5
2	☐	2.500					
3	☐	25.000	21.256	25747.78	0.0305	P	2.5
4	☐	50.000	49.395	59732.58	0.0690	P	0.8
5	☐	125.000	123.751	147215.49	0.1707	P	0.8
6	☐	250.000	243.761	285361.79	0.3349	P	1.1
7	☐	500.000	490.852	562845.41	0.6729	P	1.2
8	☐	1000.000	1006.414	1122267.93	1.3782	P	0.5
9	☐			32140.74	0.0436	P	6.3

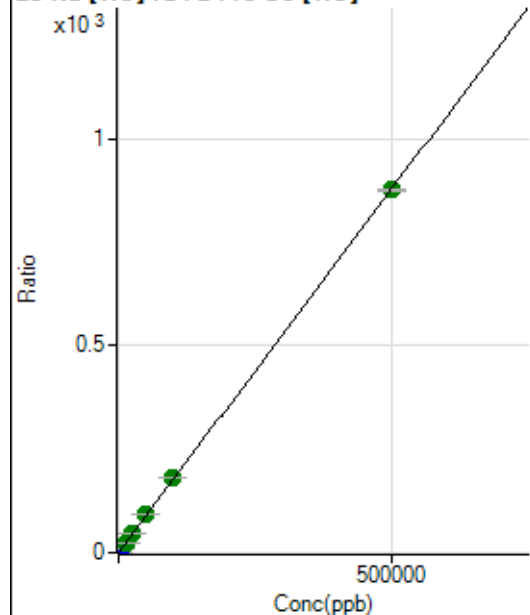
$$y = 0.0014 * x + 0.0015$$

$$R = 0.9999$$

$$DL = 0.1131$$

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	40162.96	0.1292	P	1.2
2	☐	50.000					
3	☐	500.000	477.337	307005.57	0.9678	P	0.1
4	☐	5000.000	5439.751	3142260.29	9.6854	P	0.3
5	☐	12500.000	13470.894	7564434.02	23.7941	A	0.6
6	☐	25000.000	26481.483	15013519.95	46.6503	A	1.1
7	☐	50000.000	52882.208	30361198.25	93.0295	A	0.6
8	☐	100000.00	103475.32	62082459.72	181.9084	A	0.8
9	☐	500000.00	498913.99	325027801.71	876.5909	A	0.7

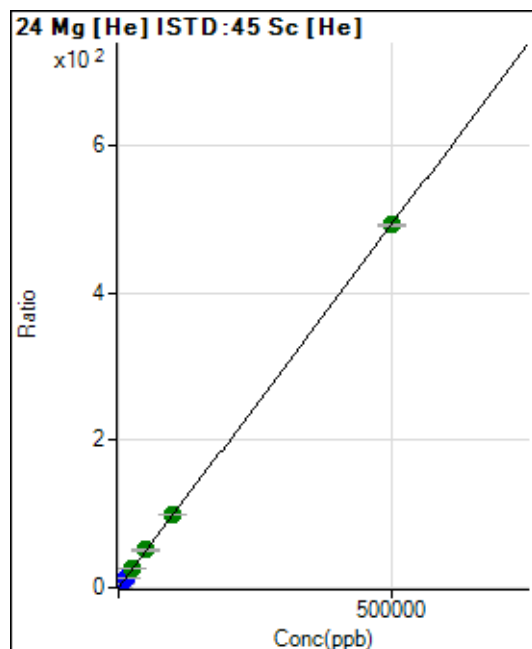
$$y = 0.0018 * x + 0.1292$$

$$R = 1.0000$$

$$DL = 2.576$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2372.51	0.0076	P	4.0
2	☐	50.000					
3	☐	500.000	470.618	149522.22	0.4714	P	1.1
4	☐	5000.000	5313.519	1701110.33	5.2433	P	0.6
5	☐	12500.000	13261.304	4156422.92	13.0746	P	0.7
6	☐	25000.000	25943.918	8229861.56	25.5713	A	0.7
7	☐	50000.000	51648.366	16611393.95	50.8990	A	0.8
8	☐	100000.00	100282.25	33726012.91	98.8202	A	0.7
9	☐	500000.00	499709.37	182573870.75	492.3933	A	0.6

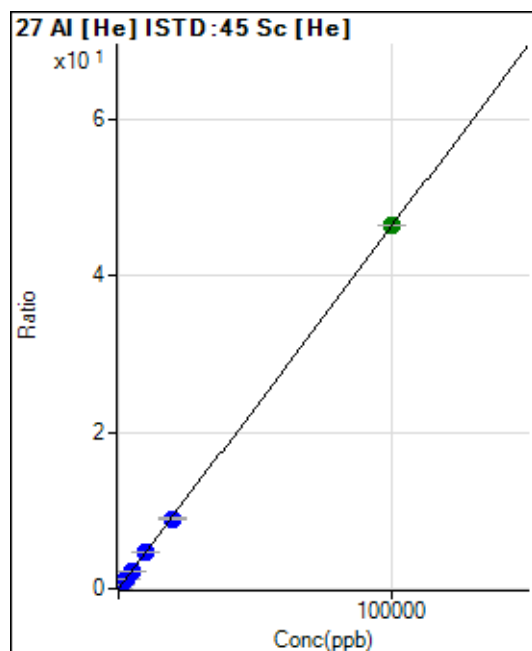
$$y = 9.8534\text{E-}004 * x + 0.0076$$

$$R = 1.0000$$

$$DL = 0.9184$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	344.46	0.0011	P	16.2
2	☐	2.000					
3	☐	20.000	18.001	2992.12	0.0094	P	2.5
4	☐	1000.000	1007.682	151532.83	0.4671	P	0.5
5	☐	2500.000	2505.227	368615.79	1.1596	P	1.0
6	☐	5000.000	4940.644	735635.59	2.2857	P	0.8
7	☐	10000.000	9866.937	1489459.27	4.5637	P	0.5
8	☐	20000.000	19324.207	3049979.93	8.9369	P	1.0
9	☐	100000.00	100151.22	17172683.54	46.3124	A	0.1

$$y = 4.6241\text{E-}004 * x + 0.0011$$

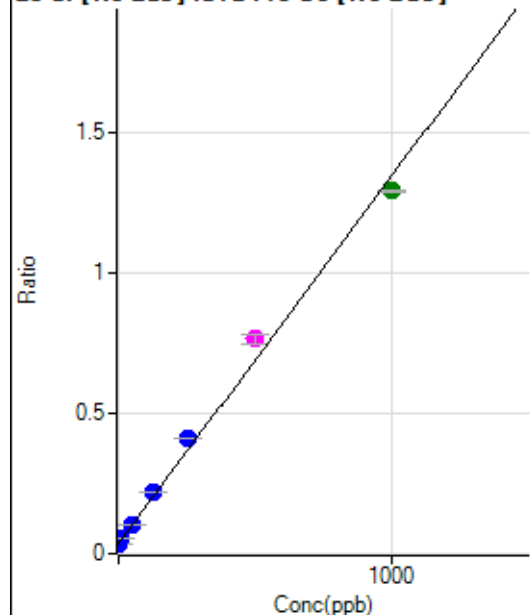
$$R = 1.0000$$

$$DL = 1.166$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202630.77	0.0359	P	0.2
2	☐	1.000					
3	☐	10.000	12.332	300638.57	0.0521	P	0.9
4	☐	50.000	53.192	624779.89	0.1057	P	0.1
5	☐	125.000	139.120	1288730.82	0.2184	P	0.3
6	☐	250.000	285.989	2404623.64	0.4109	P	1.2
7	☐	500.000	557.698	4485255.65	0.7672	M	4.7
8	☐	1000.000	960.206	7874412.07	1.2951	A	0.6
9	☐			276686.58	0.0455	P	0.5

$$y = 0.0013 * x + 0.0359$$

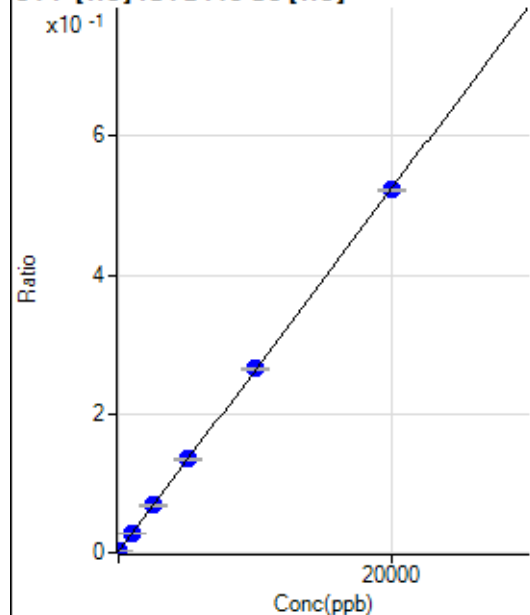
$$R = 0.9966$$

$$DL = 0.174$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-1.931	458.36	0.0015	P	9.3
2	☐	0.000					
3	☐	0.000	1.931	500.03	0.0016	P	14.0
4	☐	1000.000	1013.965	9094.82	0.0280	P	1.3
5	☐	2500.000	2539.150	21585.75	0.0679	P	2.6
6	☐	5000.000	5124.380	43609.09	0.1355	P	1.9
7	☐	10000.000	10061.439	86347.23	0.2646	P	1.3
8	☐	20000.000	19932.593	178371.04	0.5226	P	0.6
9	☐			572.26	0.0015	P	12.5

$$y = 2.6144E-005 * x + 0.0015$$

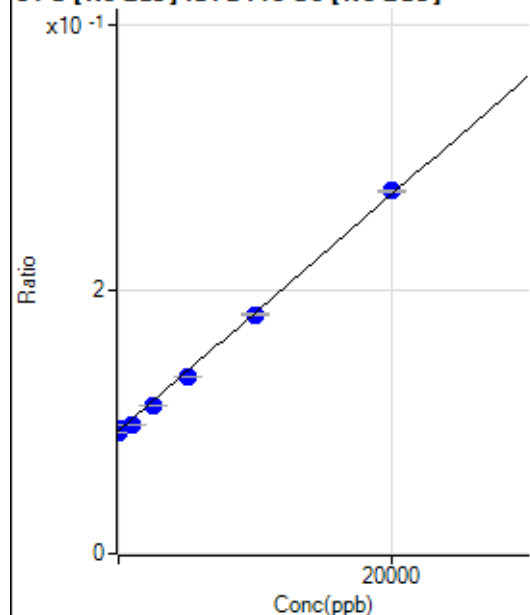
$$R = 1.0000$$

$$DL = 20.53$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	177.183	534081.16	0.0947	P	0.7
2	☐	0.000					
3	☐	0.000	-177.183	528120.88	0.0915	P	0.6
4	☐	1000.000	480.514	575795.90	0.0974	P	0.8
5	☐	2500.000	2071.795	658799.88	0.1116	P	0.2
6	☐	5000.000	4590.718	785015.94	0.1342	P	0.6
7	☐	10000.000	9793.394	1056547.03	0.1807	P	0.7
8	☐	20000.000	20285.124	1669321.52	0.2745	P	0.8
9	☐			501298.23	0.0824	P	1.8

$$y = 8.9454\text{E-}006 * x + 0.0931$$

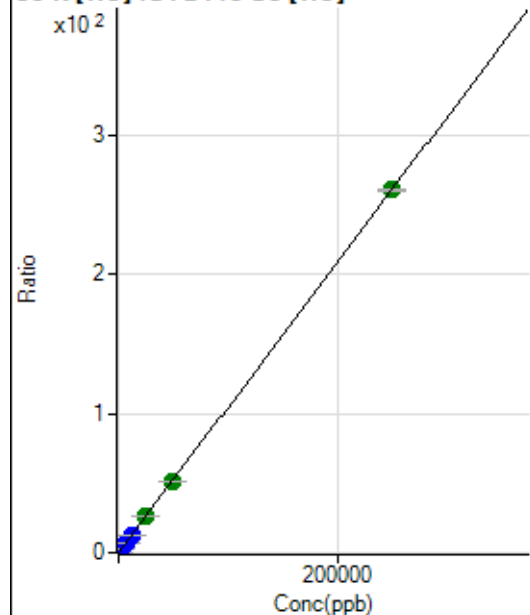
$$R = 0.9994$$

$$DL = 215$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	39548.36	0.1272	P	0.7
2	☐	50.000					
3	☐	500.000	442.024	186167.10	0.5868	P	1.6
4	☐	2500.000	2489.468	881048.33	2.7157	P	0.3
5	☐	6250.000	6212.477	2093917.76	6.5867	P	0.4
6	☐	12500.000	12268.679	4146531.43	12.8836	P	0.4
7	☐	25000.000	24564.230	8377357.83	25.6679	A	0.9
8	☐	50000.000	48637.784	17302942.40	50.6984	A	0.6
9	☐	250000.00	250328.74	96559393.82	260.4065	A	0.5

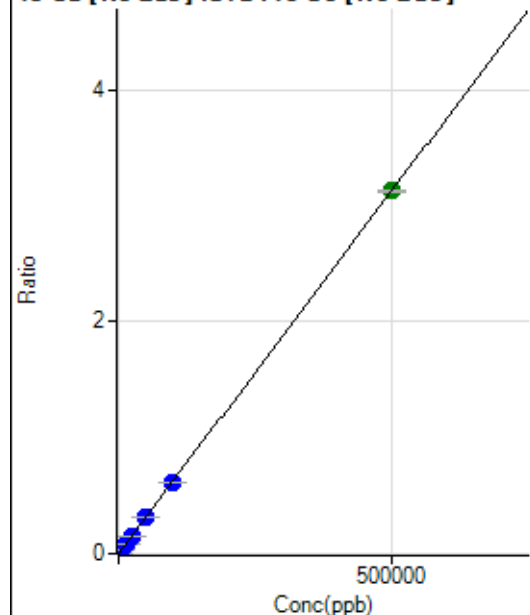
$$y = 0.0010 * x + 0.1272$$

$$R = 1.0000$$

$$DL = 2.56$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	538.92	0.0001	P	5.9
2	☐	50.000					
3	☐	500.000	445.842	16621.18	0.0029	P	1.9
4	☐	5000.000	5008.909	185509.93	0.0314	P	0.9
5	☐	12500.000	12549.184	463114.02	0.0785	P	0.2
6	☐	25000.000	24800.943	906894.68	0.1550	P	0.2
7	☐	50000.000	49836.144	1820399.85	0.3113	P	0.7
8	☐	100000.00	98306.928	3733490.93	0.6140	P	0.6
9	☐	500000.00	500363.68	19020597.13	3.1249	A	0.7

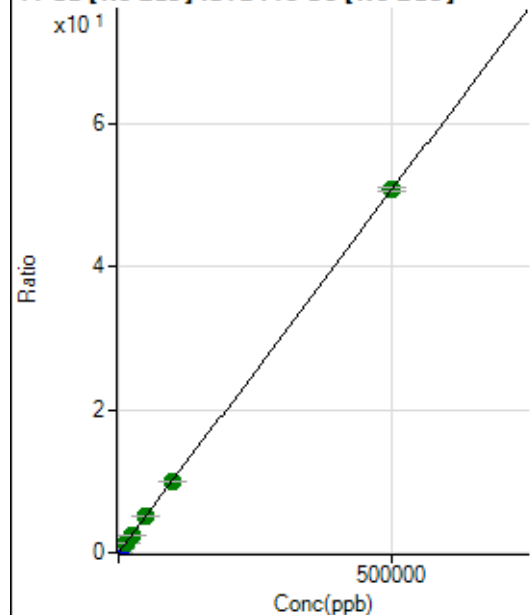
$$y = 6.2451E-006 * x + 9.5532E-005$$

$$R = 1.0000$$

$$DL = 2.693$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	63573.53	0.0113	P	2.6
2	☐	50.000					
3	☐	500.000	437.766	320957.78	0.0556	P	1.3
4	☐	5000.000	5028.777	3078328.69	0.5207	P	0.3
5	☐	12500.000	12387.235	7472048.86	1.2660	A	0.2
6	☐	25000.000	24584.083	14637687.30	2.5015	A	0.3
7	☐	50000.000	49341.195	29289598.22	5.0092	A	0.7
8	☐	100000.00	98033.145	60446160.38	9.9413	A	0.5
9	☐	500000.00	500482.64	308640279.12	50.7066	A	0.9

$$y = 1.0129E-004 * x + 0.0113$$

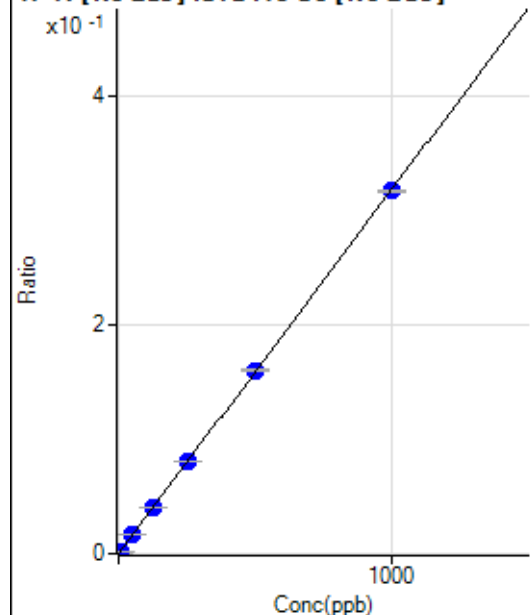
$$R = 1.0000$$

$$DL = 8.649$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	244.46	0.0000	P	13.2
2	☐	0.500					
3	☐	5.000	4.417	8366.59	0.0014	P	10.3
4	☐	50.000	50.834	95930.59	0.0162	P	0.5
5	☐	125.000	127.071	238997.25	0.0405	P	0.7
6	☐	250.000	252.307	470241.24	0.0804	P	0.5
7	☐	500.000	503.867	938101.86	0.1604	P	0.8
8	☐	1000.000	997.192	1930356.40	0.3175	P	0.3
9	☐			1425.13	0.0002	P	12.3

$$y = 3.1833\text{E-}004 * x + 4.3294\text{E-}005$$

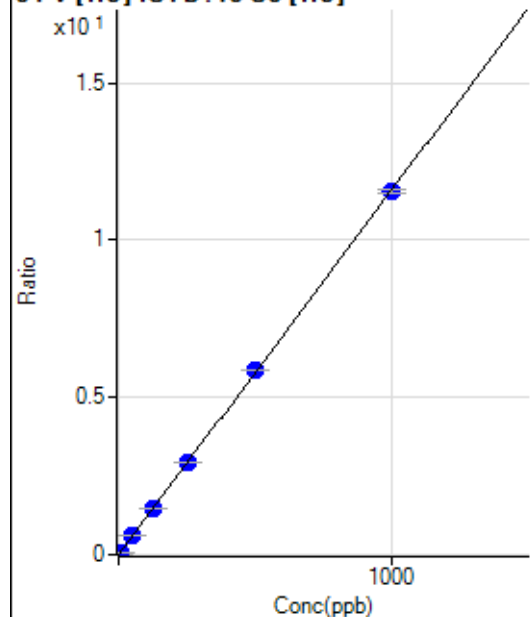
$$R = 1.0000$$

$$DL = 0.0537$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	26.67	0.0001	P	24.9
2	☐	0.500					
3	☐	5.000	4.673	17205.83	0.0542	P	0.7
4	☐	50.000	51.123	192216.15	0.5925	P	0.2
5	☐	125.000	127.788	470754.37	1.4808	P	0.4
6	☐	250.000	254.156	947836.83	2.9451	P	0.7
7	☐	500.000	505.678	1912384.75	5.8595	P	0.3
8	☐	1000.000	995.719	3937624.45	11.5378	P	1.0
9	☐			556.69	0.0015	P	11.4

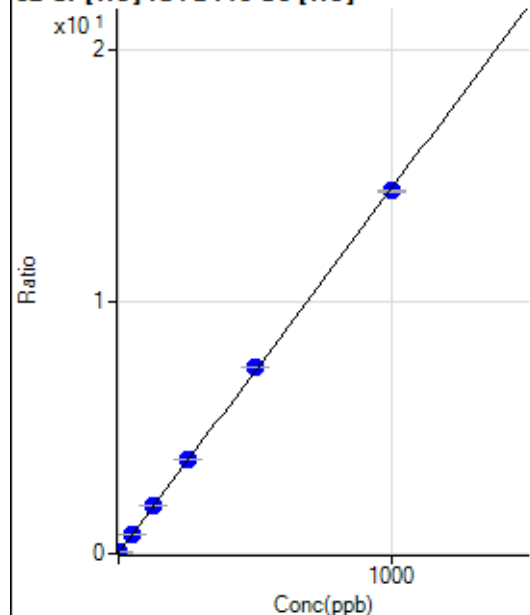
$$y = 0.0116 * x + 8.5776\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.005532$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4126.21	0.0133	P	1.8
2	☐	0.200					
3	☐	2.000	2.114	13929.00	0.0439	P	2.0
4	☐	50.000	51.752	247606.40	0.7632	P	0.8
5	☐	125.000	129.672	601593.79	1.8924	P	0.5
6	☐	250.000	256.183	1199068.86	3.7257	P	0.7
7	☐	500.000	508.893	2411138.75	7.3878	P	0.2
8	☐	1000.000	993.336	4917261.38	14.4079	P	0.7
9	☐			54381.12	0.1467	P	0.7

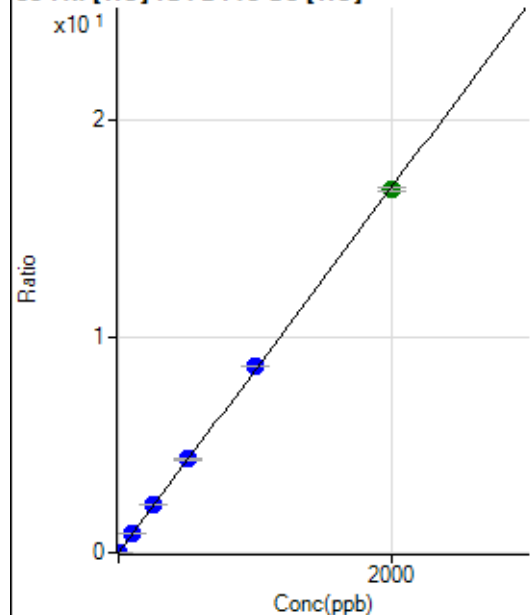
$$y = 0.0145 * x + 0.0133$$

$$R = 0.9999$$

$$DL = 0.04961$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.23	0.0007	P	8.3
2	☐	0.100					
3	☐	1.000	0.968	2802.54	0.0088	P	8.3
4	☐	100.000	103.118	283065.44	0.8725	P	0.6
5	☐	250.000	258.433	694845.22	2.1857	P	0.4
6	☐	500.000	511.241	1391374.70	4.3232	P	0.9
7	☐	1000.000	1019.656	2813934.26	8.6219	P	0.3
8	☐	2000.000	1986.152	5731449.29	16.7936	A	1.0
9	☐			20265.26	0.0547	P	0.5

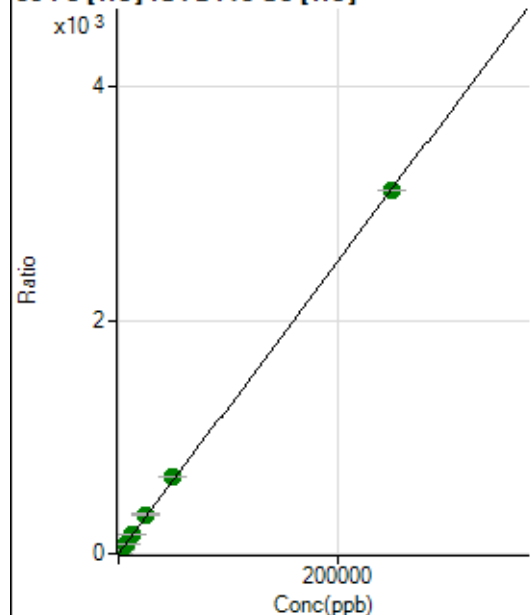
$$y = 0.0085 * x + 6.5055E-004$$

$$R = 0.9999$$

$$DL = 0.0192$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12978.26	0.0418	P	0.0
2	☐	5.000					
3	☐	50.000	48.717	205904.54	0.6491	P	0.5
4	☐	2500.000	2725.444	11036099.09	34.0178	A	0.9
5	☐	6250.000	6872.328	27248380.24	85.7137	A	0.6
6	☐	12500.000	13595.856	54561538.72	169.5308	A	0.7
7	☐	25000.000	27036.946	110013521.90	337.0904	A	0.6
8	☐	50000.000	52966.867	225361368.00	660.3387	A	1.1
9	☐	250000.00	249130.32	1151616025.7	3,105.756	A	0.1

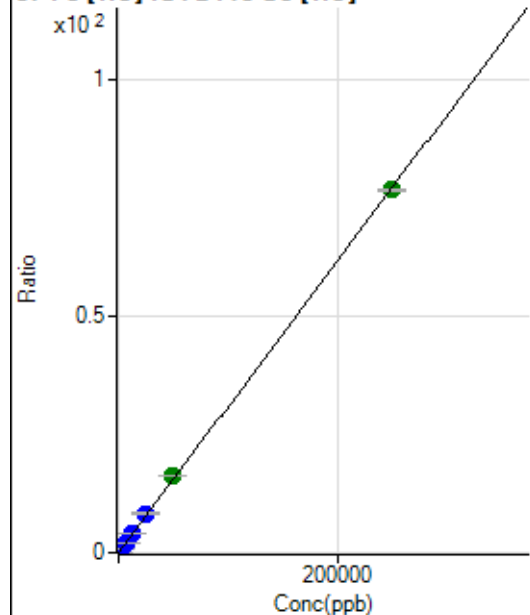
$$y = 0.0125 * x + 0.0418$$

$$R = 0.9999$$

$$DL = 0.002865$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	390.75	0.0013	P	0.8
2	☐	5.000					
3	☐	50.000	49.429	5221.44	0.0165	P	0.3
4	☐	2500.000	2741.830	273978.24	0.8445	P	1.0
5	☐	6250.000	6855.107	670630.82	2.1096	P	0.6
6	☐	12500.000	13646.676	1351219.81	4.1983	P	0.5
7	☐	25000.000	27062.033	2716806.80	8.3243	P	0.4
8	☐	50000.000	52945.789	5557789.18	16.2850	A	1.1
9	☐	250000.00	249129.75	28411196.70	76.6221	A	0.3

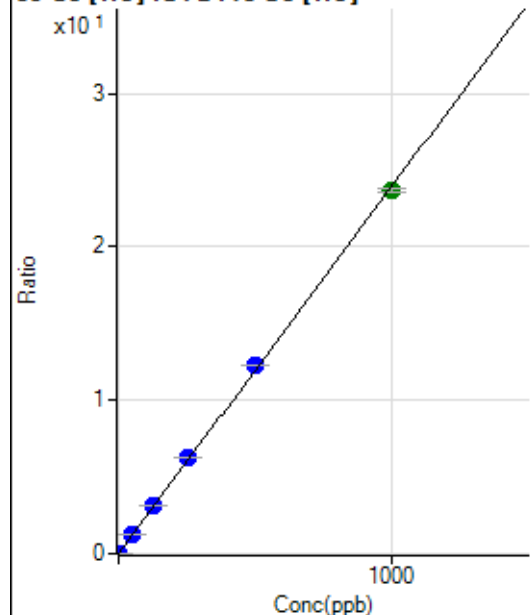
$$y = 3.0755E-004 * x + 0.0013$$

$$R = 0.9999$$

$$DL = 0.1024$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	298.90	0.0010	P	16.8
2	☐	0.100					
3	☐	1.000	1.018	8033.42	0.0253	P	1.7
4	☐	50.000	53.046	412006.83	1.2699	P	0.2
5	☐	125.000	132.511	1008043.44	3.1709	P	0.6
6	☐	250.000	260.624	2006921.83	6.2357	P	0.5
7	☐	500.000	514.905	4020421.99	12.3187	P	0.4
8	☐	1000.000	988.801	8072957.17	23.6553	A	1.2
9	☐			9251.94	0.0250	P	1.7

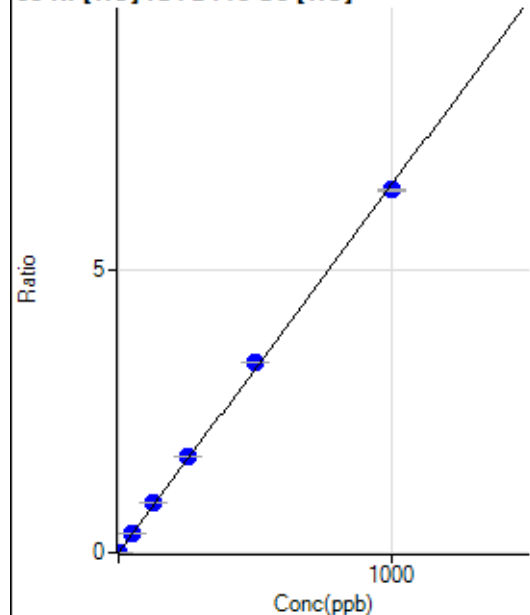
$$y = 0.0239 * x + 9.6149E-004$$

$$R = 0.9998$$

$$DL = 0.02024$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	341.12	0.0011	P	6.9
2	☐	0.100					
3	☐	1.000	1.070	2549.15	0.0080	P	4.2
4	☐	50.000	53.677	113312.27	0.3493	P	0.2
5	☐	125.000	134.028	276721.84	0.8704	P	0.5
6	☐	250.000	262.649	548646.28	1.7047	P	0.8
7	☐	500.000	517.520	1095906.83	3.3579	P	0.5
8	☐	1000.000	986.765	2184772.14	6.4016	P	0.7
9	☐			10755.22	0.0290	P	2.4

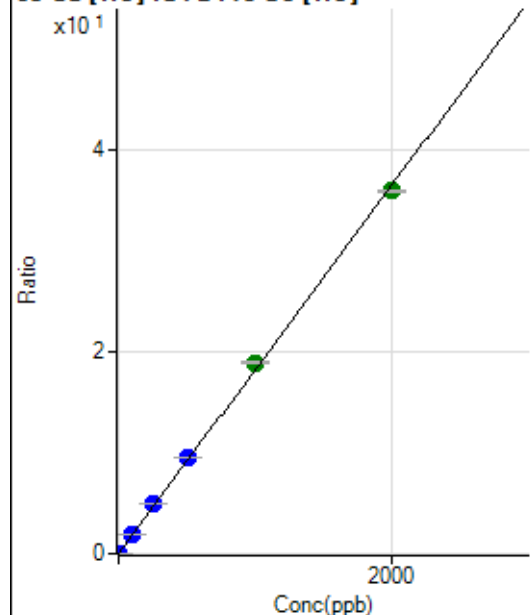
$$y = 0.0065 * x + 0.0011$$

$$R = 0.9997$$

$$DL = 0.03502$$

Weight: <None>

Min Conc: 0

63 Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1224.52	0.0039	P	1.1
2	☐	0.200					
3	☐	2.000	2.006	12819.11	0.0404	P	1.2
4	☐	100.000	107.619	636087.85	1.9606	P	0.4
5	☐	250.000	268.158	1551211.66	4.8795	P	0.7
6	☐	500.000	524.939	3073005.37	9.5482	P	0.7
7	☐	1000.000	1037.993	6160569.77	18.8764	A	0.6
8	☐	2000.000	1972.118	12238921.35	35.8604	A	0.6
9	☐			15670.79	0.0423	P	1.8

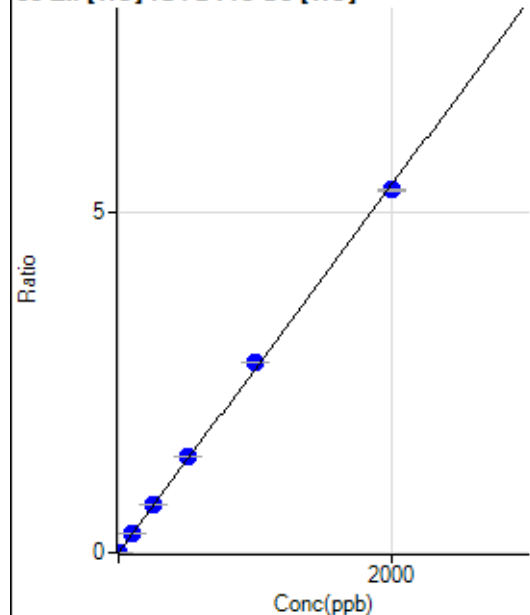
$$y = 0.0182 * x + 0.0039$$

$$R = 0.9996$$

$$DL = 0.006999$$

Weight: <None>

Min Conc: 0

66 Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	247.78	0.0008	P	6.6
2	☐	0.200					
3	☐	2.000	2.183	2125.75	0.0067	P	4.2
4	☐	100.000	105.757	93047.54	0.2868	P	0.5
5	☐	250.000	265.899	228848.30	0.7199	P	0.5
6	☐	500.000	522.897	455368.73	1.4149	P	0.4
7	☐	1000.000	1035.624	914300.05	2.8015	P	0.7
8	☐	2000.000	1974.188	1822340.15	5.3396	P	0.7
9	☐			3845.02	0.0104	P	1.1

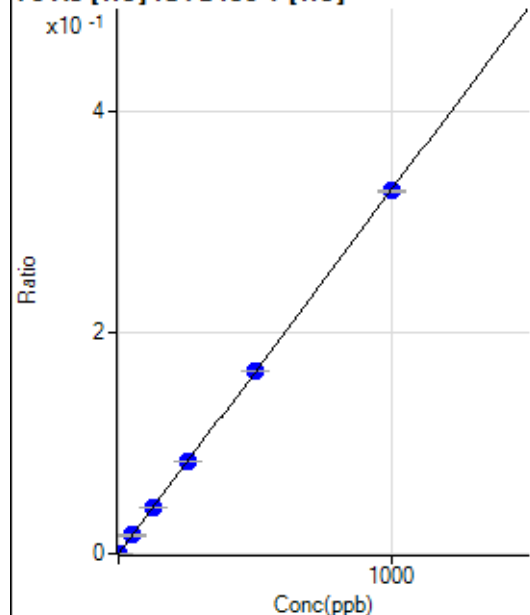
$$y = 0.0027 * x + 7.9716E-004$$

$$R = 0.9997$$

$$DL = 0.05842$$

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	17.28	0.0000	P	27.3
2	☐	0.100					
3	☐	1.000	0.864	510.51	0.0003	P	3.3
4	☐	50.000	50.468	29424.78	0.0166	P	1.3
5	☐	125.000	126.102	72367.53	0.0414	P	0.1
6	☐	250.000	253.438	146351.60	0.0832	P	0.4
7	☐	500.000	503.212	296047.45	0.1652	P	0.5
8	☐	1000.000	997.374	600469.23	0.3274	P	0.5
9	☐			357.42	0.0002	P	9.8

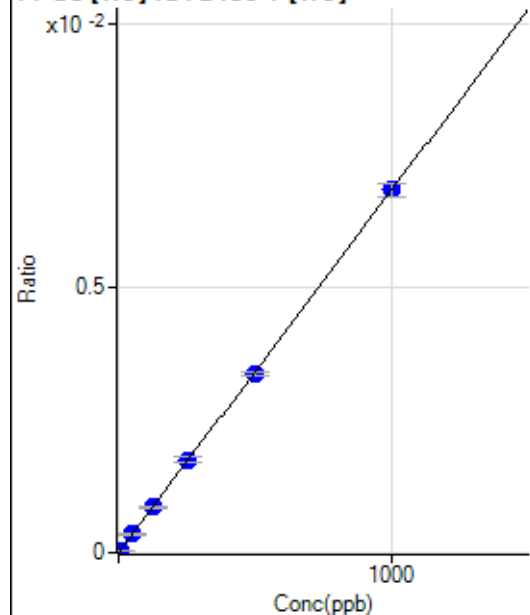
$$y = 3.2826E-004 * x + 1.0180E-005$$

$$R = 1.0000$$

$$DL = 0.02536$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.298	51.11	0.0000	P	3.6
4	☐	50.000	50.665	615.58	0.0003	P	8.3
5	☐	125.000	125.205	1497.88	0.0009	P	1.1
6	☐	250.000	256.820	3091.49	0.0018	P	6.1
7	☐	500.000	494.459	6065.82	0.0034	P	1.6
8	☐	1000.000	1001.010	12566.76	0.0069	P	3.6
9	☐			10.00	0.0000	P	66.8

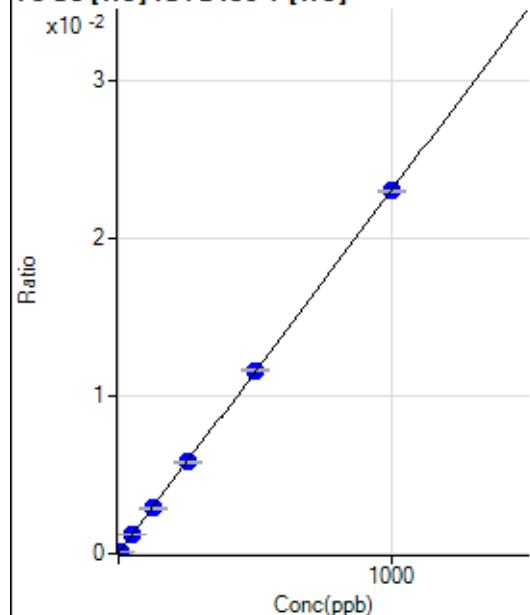
$$y = 6.8445E-006 * x + 0.0000E+000$$

$$R = 1.0000$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	77.78	0.0000	P	23.6
2	☐	0.500					
3	☐	5.000	4.869	274.08	0.0002	P	11.2
4	☐	50.000	49.785	2112.52	0.0012	P	1.3
5	☐	125.000	123.061	5023.75	0.0029	P	1.5
6	☐	250.000	251.034	10230.21	0.0058	P	1.1
7	☐	500.000	503.019	20803.24	0.0116	P	1.2
8	☐	1000.000	998.486	42174.64	0.0230	P	0.9
9	☐			122.84	0.0001	P	25.6

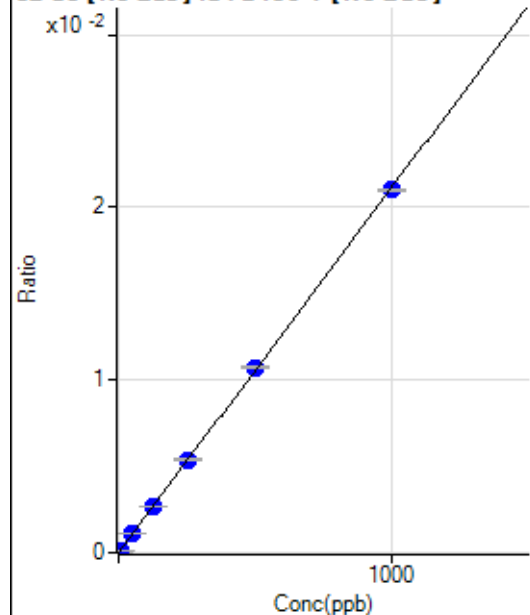
$$y = 2.2985\text{E-}005 * x + 4.5770\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.409$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-49.56	0.0000	P	-143.
2	☐	0.500					
3	☐	5.000	4.884	992.51	0.0001	P	0.2
4	☐	50.000	51.896	11310.85	0.0011	P	1.0
5	☐	125.000	127.043	27859.87	0.0027	P	0.7
6	☐	250.000	255.116	55660.02	0.0054	P	1.3
7	☐	500.000	507.567	111059.27	0.0107	P	0.8
8	☐	1000.000	994.588	225377.89	0.0210	P	0.8
9	☐			228.32	0.0000	P	32.7

$$y = 2.1132\text{E-}005 * x - 4.9851\text{E-}006$$

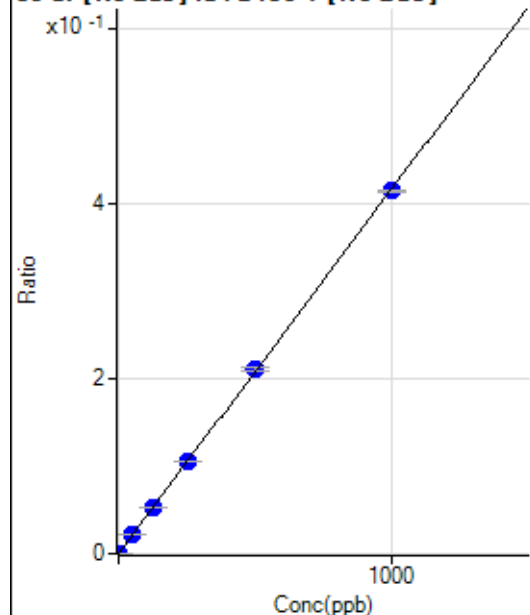
$$R = 0.9999$$

$$DL = 1.017$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1475.14	0.0001	P	6.6
2	☐	0.100					
3	☐	1.000	0.912	5329.00	0.0005	P	7.7
4	☐	50.000	51.011	221161.44	0.0213	P	0.9
5	☐	125.000	126.946	550031.09	0.0529	P	0.5
6	☐	250.000	252.738	1086987.70	0.1052	P	0.5
7	☐	500.000	506.744	2183032.28	0.2107	P	1.2
8	☐	1000.000	995.650	4439605.53	0.4139	P	0.5
9	☐			149661.07	0.0144	P	0.7

$$y = 4.1557\text{E-}004 * x + 1.4842\text{E-}004$$

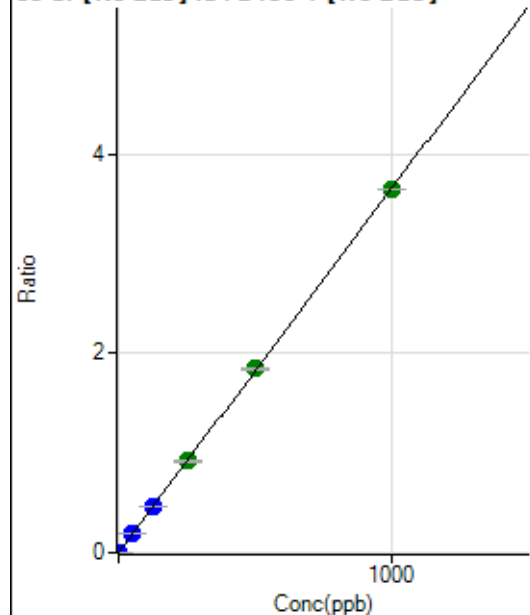
$$R = 1.0000$$

$$DL = 0.07073$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1033.42	0.0001	P	6.1
2	☐	0.100					
3	☐	1.000	0.911	34640.17	0.0034	P	1.8
4	☐	50.000	50.953	1927659.53	0.1861	P	0.4
5	☐	125.000	127.054	4822092.08	0.4638	P	0.4
6	☐	250.000	251.012	9468054.20	0.9162	A	1.2
7	☐	500.000	505.246	19102707.20	1.8441	A	1.0
8	☐	1000.000	996.820	39022592.54	3.6381	A	0.1
9	☐			1305487.52	0.1252	P	1.1

$$y = 0.0036 * x + 1.0393\text{E-}004$$

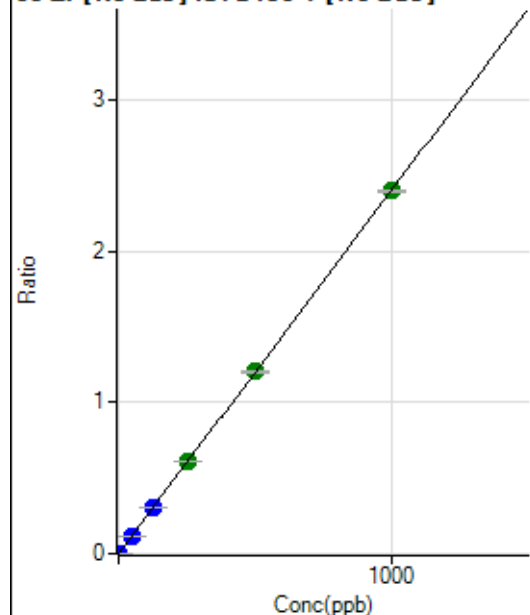
$$R = 1.0000$$

$$DL = 0.005217$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	769.50	0.0001	P	10.6
2	☐	0.100					
3	☐	1.000	0.852	21486.24	0.0021	P	0.7
4	☐	50.000	50.149	1250227.31	0.1207	P	0.3
5	☐	125.000	126.039	3152036.53	0.3032	P	0.4
6	☐	250.000	252.713	6281320.11	0.6078	A	0.5
7	☐	500.000	501.009	12481836.30	1.2049	A	0.6
8	☐	1000.000	998.680	25760710.47	2.4017	A	0.5
9	☐			4617.60	0.0004	P	3.6

$$y = 0.0024 * x + 7.7415E-005$$

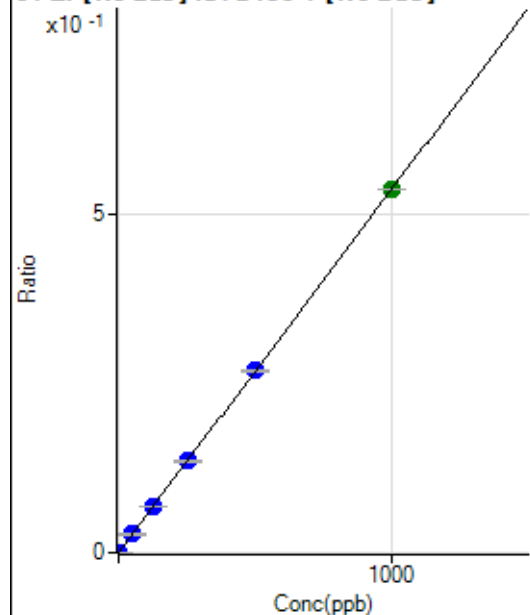
$$R = 1.0000$$

$$DL = 0.01025$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	175.01	0.0000	P	27.0
2	☐	0.100					
3	☐	1.000	0.840	4734.29	0.0005	P	8.7
4	☐	50.000	50.464	280816.66	0.0271	P	1.3
5	☐	125.000	125.865	702623.09	0.0676	P	0.4
6	☐	250.000	251.554	1395597.34	0.1350	P	1.1
7	☐	500.000	500.543	2783502.01	0.2687	P	0.5
8	☐	1000.000	999.209	5753207.29	0.5364	A	0.1
9	☐			1011.20	0.0001	P	7.4

$$y = 5.3679E-004 * x + 1.7620E-005$$

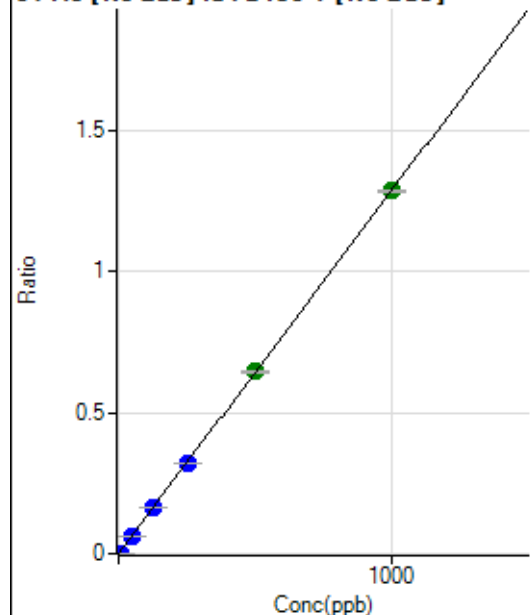
$$R = 1.0000$$

$$DL = 0.02655$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	277.79	0.0000	P	23.0
2	☐	0.500					
3	☐	5.000	1.927	25339.97	0.0025	P	2.0
4	☐	50.000	49.993	666716.13	0.0644	P	0.4
5	☐	125.000	124.849	1670436.13	0.1607	P	0.5
6	☐	250.000	249.564	3318650.01	0.3211	P	1.0
7	☐	500.000	501.043	6678536.69	0.6447	A	0.7
8	☐	1000.000	999.622	13796027.39	1.2862	A	0.4
9	☐			10154.05	0.0010	P	3.0

$$y = 0.0013 * x + 2.7962E-005$$

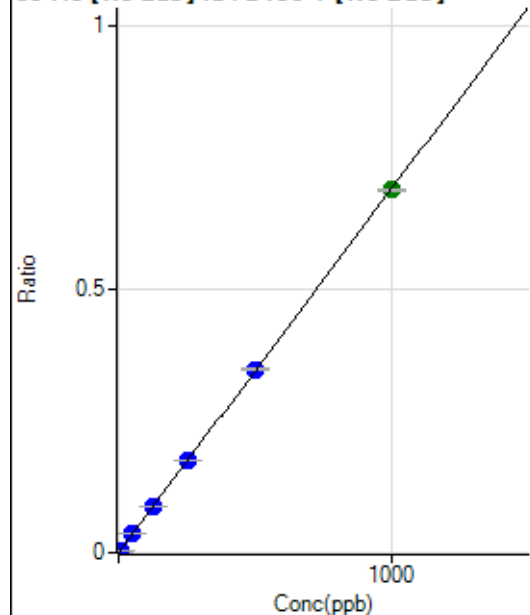
$$R = 1.0000$$

$$DL = 0.01499$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.23	0.0000	P	73.7
2	☐	0.500					
3	☐	5.000	4.456	31123.70	0.0031	P	0.9
4	☐	50.000	50.919	363799.03	0.0351	P	0.8
5	☐	125.000	127.128	911401.28	0.0877	P	0.0
6	☐	250.000	253.115	1803522.85	0.1745	P	1.3
7	☐	500.000	503.060	3593129.07	0.3469	P	1.2
8	☐	1000.000	997.382	7376263.53	0.6877	A	0.5
9	☐			14888.93	0.0014	P	1.7

$$y = 6.8949E-004 * x + 7.2806E-006$$

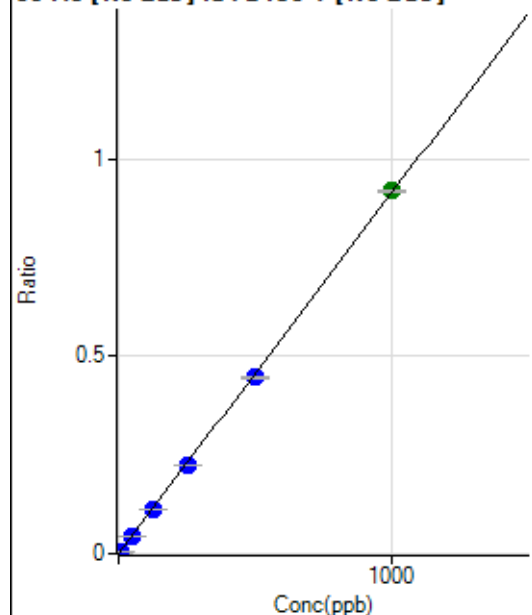
$$R = 1.0000$$

$$DL = 0.02336$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	17.0
2	☐	0.500					
3	☐	5.000	3.704	34358.93	0.0034	P	2.1
4	☐	50.000	49.221	465942.00	0.0450	P	0.9
5	☐	125.000	122.553	1163954.46	0.1120	P	0.5
6	☐	250.000	246.443	2326274.84	0.2251	P	1.1
7	☐	500.000	489.028	4627083.87	0.4467	P	1.2
8	☐	1000.000	1006.726	9862809.68	0.9195	A	0.4
9	☐			19778.29	0.0019	P	5.2

$$y = 9.1336\text{E-}004 * x + 1.7894\text{E-}005$$

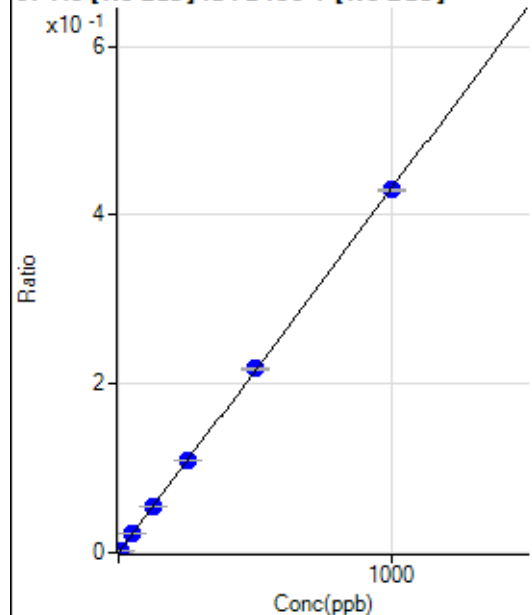
$$R = 0.9999$$

$$DL = 0.009965$$

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	50.00	0.0000	P	28.5
2	☐	0.500					
3	☐	5.000	4.423	19327.75	0.0019	P	2.5
4	☐	50.000	50.588	226106.51	0.0218	P	1.4
5	☐	125.000	126.653	568021.85	0.0546	P	0.5
6	☐	250.000	252.733	1126552.39	0.1090	P	1.3
7	☐	500.000	505.773	2259885.21	0.2182	P	1.3
8	☐	1000.000	996.197	4608874.76	0.4297	P	0.4
9	☐			8858.67	0.0008	P	6.0

$$y = 4.3133\text{E-}004 * x + 5.0258\text{E-}006$$

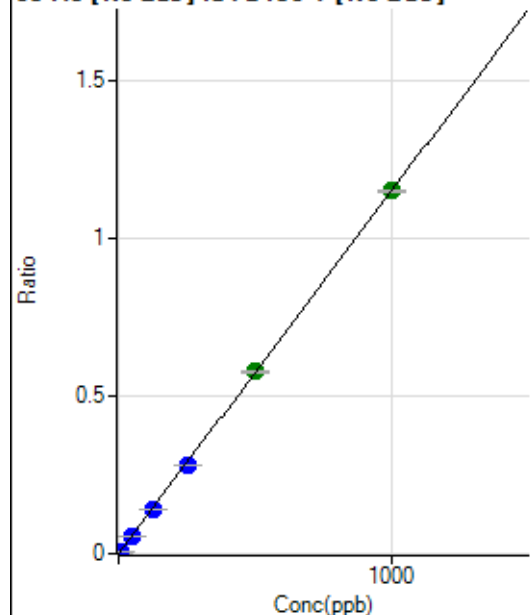
$$R = 1.0000$$

$$DL = 0.009978$$

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	127.78	0.0000	P	13.1
2	☐	0.500					
3	☐	5.000	4.319	50339.83	0.0050	P	3.4
4	☐	50.000	49.415	589238.25	0.0569	P	0.9
5	☐	125.000	123.677	1479806.01	0.1423	P	0.6
6	☐	250.000	245.109	2914951.70	0.2821	P	0.8
7	☐	500.000	502.681	5992294.93	0.5785	A	0.8
8	☐	1000.000	1000.080	12343893.59	1.1508	A	0.4
9	☐			22499.18	0.0022	P	1.0

$$y = 0.0012 * x + 1.2848E-005$$

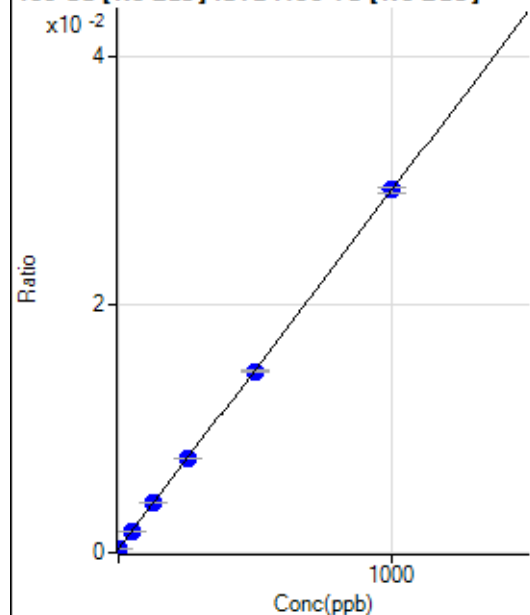
$$R = 1.0000$$

$$DL = 0.004396$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4045.23	0.0003	P	1.2
2	☐	0.100					
3	☐	1.000	0.120	4117.47	0.0003	P	4.5
4	☐	50.000	50.048	24213.13	0.0018	P	1.0
5	☐	125.000	128.365	55693.76	0.0040	P	1.2
6	☐	250.000	251.966	105650.38	0.0076	P	1.3
7	☐	500.000	495.071	204993.17	0.0146	P	0.6
8	☐	1000.000	1001.551	411754.79	0.0293	P	1.2
9	☐			4309.17	0.0003	P	9.3

$$y = 2.8905E-005 * x + 3.0659E-004$$

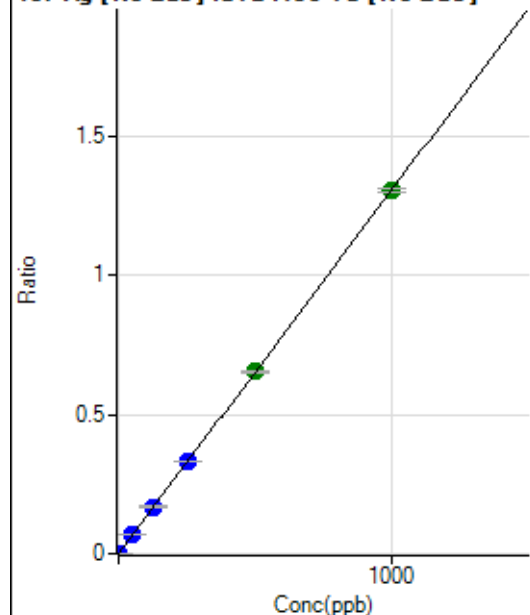
$$R = 1.0000$$

$$DL = 0.3728$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	111.12	0.0000	P	3.7
2	☐	0.100					
3	☐	1.000	0.986	17177.77	0.0013	P	2.8
4	☐	50.000	51.682	930762.51	0.0674	P	0.5
5	☐	125.000	128.536	2323706.74	0.1676	P	1.9
6	☐	250.000	251.919	4572572.76	0.3285	P	0.4
7	☐	500.000	501.393	9169332.41	0.6538	A	0.6
8	☐	1000.000	998.297	18320956.66	1.3017	A	0.9
9	☐			1405.69	0.0001	P	12.6

$$y = 0.0013 * x + 8.4213E-006$$

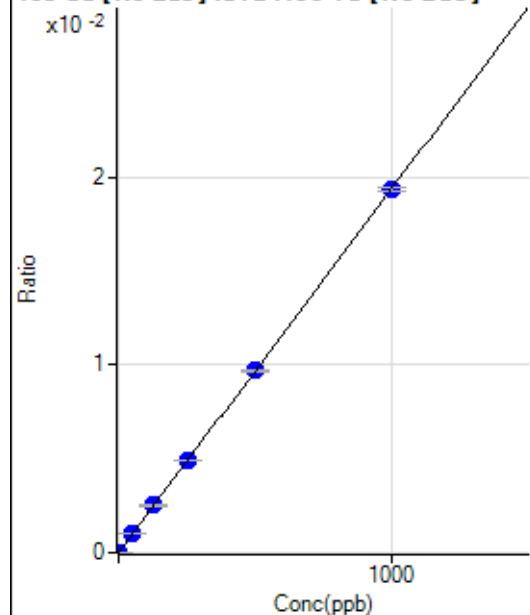
$$R = 1.0000$$

$$DL = 0.0007207$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.2
2	☐	0.100					
3	☐	1.000	0.945	251.40	0.0000	P	19.0
4	☐	50.000	52.611	14079.42	0.0010	P	1.0
5	☐	125.000	129.913	34890.35	0.0025	P	1.4
6	☐	250.000	253.620	68378.08	0.0049	P	0.5
7	☐	500.000	501.466	136209.26	0.0097	P	0.8
8	☐	1000.000	997.617	271920.33	0.0193	P	1.2
9	☐			45.83	0.0000	P	10.0

$$y = 1.9366E-005 * x + 6.3127E-007$$

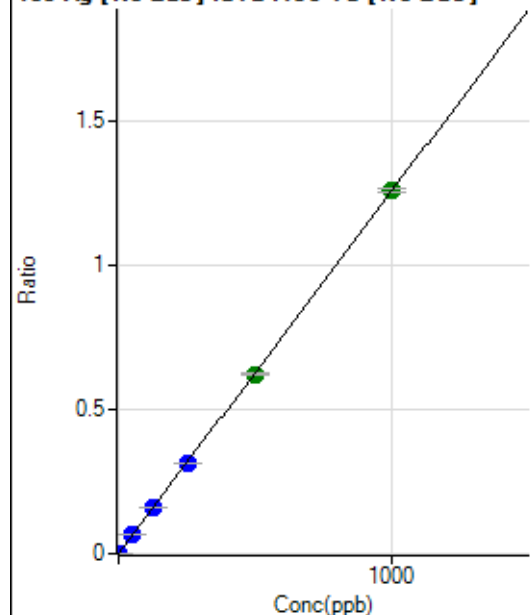
$$R = 1.0000$$

$$DL = 0.09704$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	48.7
2	☐	0.100					
3	☐	1.000	0.981	16390.75	0.0012	P	1.5
4	☐	50.000	51.797	896845.57	0.0649	P	0.7
5	☐	125.000	128.908	2240740.96	0.1616	P	1.4
6	☐	250.000	250.926	4379103.57	0.3146	P	0.3
7	☐	500.000	495.554	8713377.02	0.6213	A	0.3
8	☐	1000.000	1001.413	17669997.79	1.2555	A	1.0
9	☐			1311.23	0.0001	P	8.4

$$y = 0.0013 * x + 4.4113E-006$$

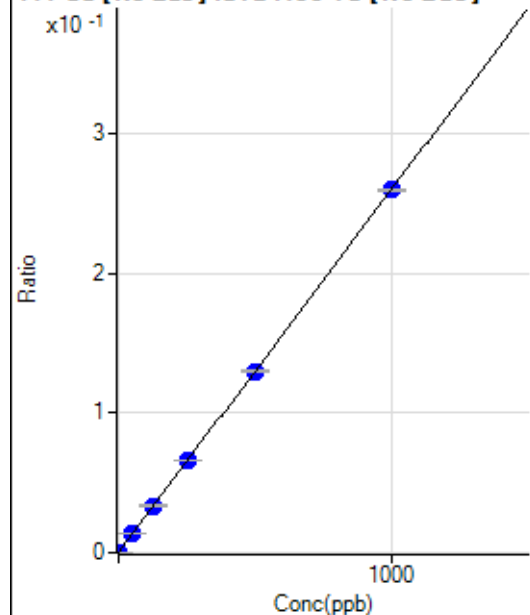
$$R = 1.0000$$

$$DL = 0.005136$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2835.27	0.0002	P	0.7
2	☐	0.100					
3	☐	1.000	0.912	6002.27	0.0005	P	3.8
4	☐	50.000	51.651	188513.85	0.0137	P	0.8
5	☐	125.000	128.904	467860.47	0.0337	P	1.4
6	☐	250.000	253.820	922035.39	0.0662	P	0.3
7	☐	500.000	499.308	1824572.44	0.1301	P	0.6
8	☐	1000.000	998.821	3659846.57	0.2600	P	0.5
9	☐			3311.30	0.0002	P	9.1

$$y = 2.6012E-004 * x + 2.1489E-004$$

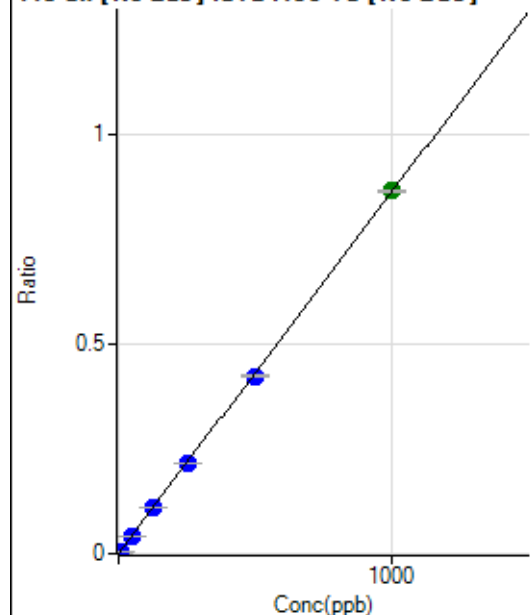
$$R = 1.0000$$

$$DL = 0.01833$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9481.36	0.0007	P	1.1
2	☐	0.500					
3	☐	5.000	4.551	61503.59	0.0046	P	4.4
4	☐	50.000	49.385	596983.24	0.0432	P	0.6
5	☐	125.000	125.851	1511934.42	0.1090	P	1.3
6	☐	250.000	248.659	2989428.86	0.2148	P	0.4
7	☐	500.000	491.713	5946232.38	0.4240	P	0.2
8	☐	1000.000	1004.405	12178808.52	0.8653	A	0.4
9	☐			7091.02	0.0005	P	1.8

$$y = 8.6079E-004 * x + 7.1869E-004$$

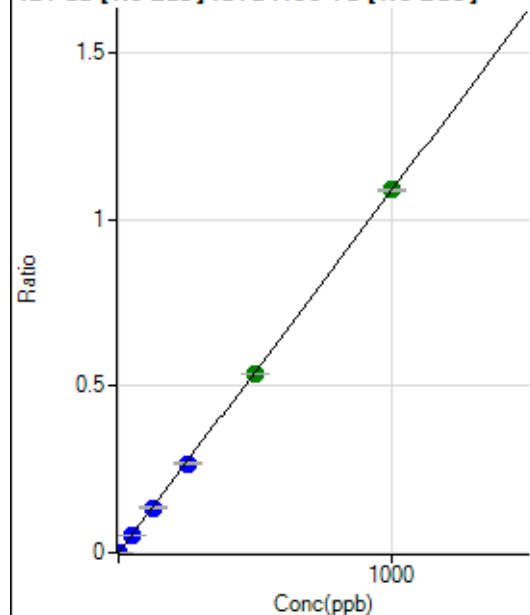
$$R = 0.9999$$

$$DL = 0.02878$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	13.7
2	☐	0.200					
3	☐	2.000	1.792	25919.17	0.0020	P	1.2
4	☐	50.000	49.176	737121.67	0.0534	P	1.0
5	☐	125.000	124.759	1877341.17	0.1354	P	1.3
6	☐	250.000	246.795	3728358.59	0.2678	P	0.7
7	☐	500.000	496.546	7557938.45	0.5389	A	0.1
8	☐	1000.000	1002.600	15314698.78	1.0881	A	0.5
9	☐			31288.39	0.0023	P	2.1

$$y = 0.0011 * x + 7.7992E-006$$

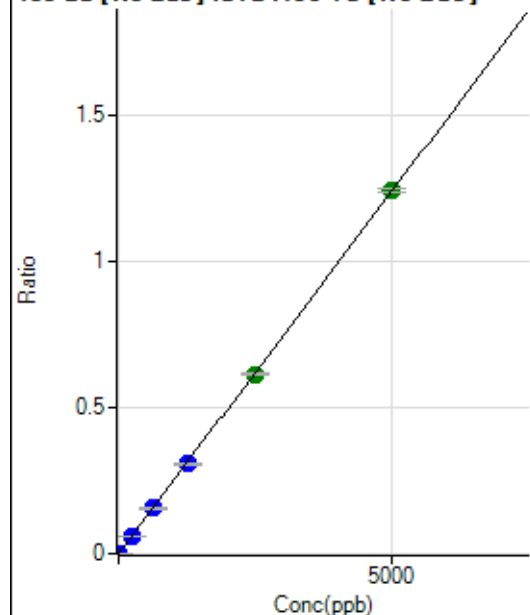
$$R = 1.0000$$

$$DL = 0.002947$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	51.1
2	☐	1.000					
3	☐	10.000	8.737	28791.72	0.0022	P	2.4
4	☐	250.000	251.066	859555.47	0.0622	P	0.8
5	☐	625.000	626.141	2152079.71	0.1552	P	1.5
6	☐	1250.000	1238.105	4272383.60	0.3069	P	0.5
7	☐	2500.000	2481.931	8629091.34	0.6153	A	0.6
8	☐	5000.000	5011.815	17486274.35	1.2424	A	1.0
9	☐			4081.32	0.0003	P	3.2

$$y = 2.4790E-004 * x + 3.8039E-006$$

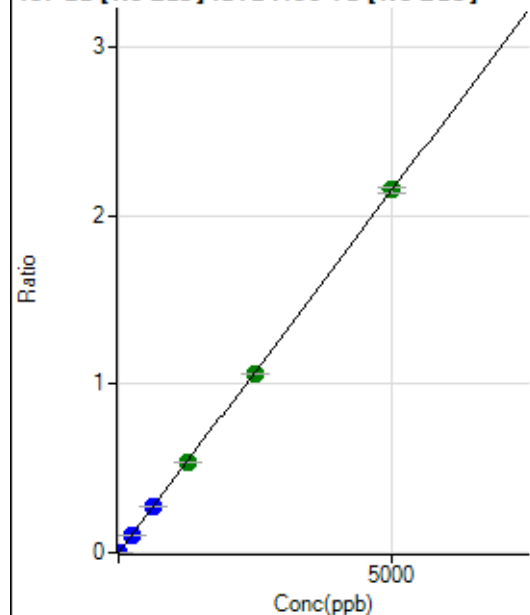
$$R = 1.0000$$

$$DL = 0.02354$$

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	105.56	0.0000	P	50.6
2	☐	1.000					
3	☐	10.000	9.026	51516.04	0.0039	P	1.4
4	☐	250.000	250.859	1486951.01	0.1077	P	0.9
5	☐	625.000	630.415	3751606.38	0.2706	P	0.9
6	☐	1250.000	1244.261	7433717.70	0.5340	A	0.7
7	☐	2500.000	2471.564	14877406.24	1.0608	A	0.5
8	☐	5000.000	5014.935	30292794.77	2.1524	A	1.4
9	☐			7285.57	0.0005	P	3.2

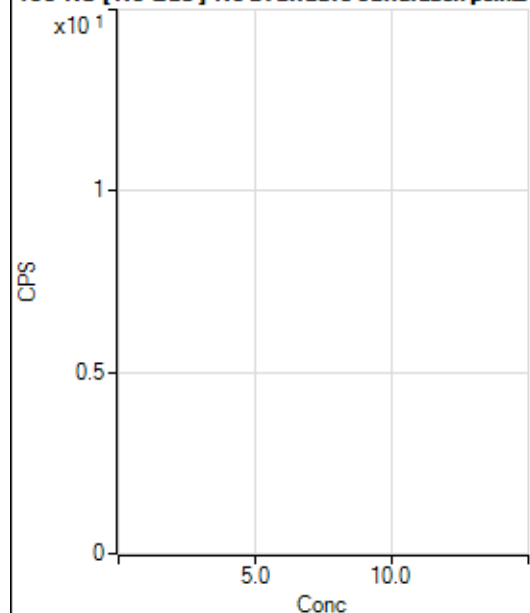
$$y = 4.2919E-004 * x + 7.9687E-006$$

$$R = 1.0000$$

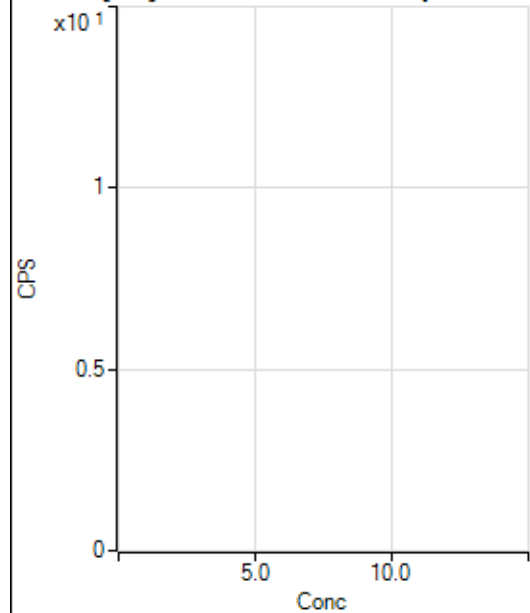
$$DL = 0.02816$$

Weight: <None>

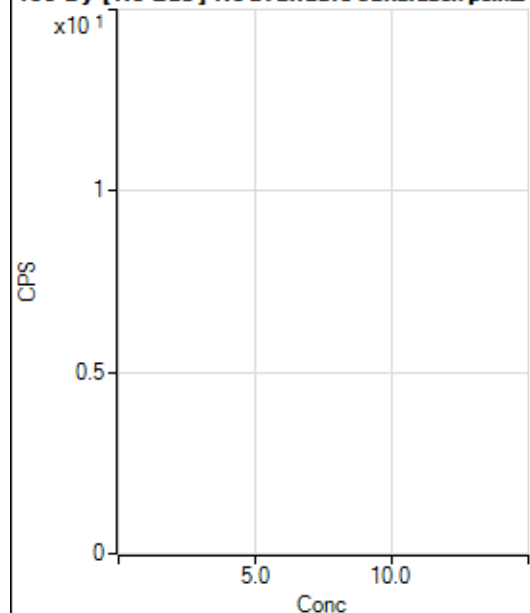
Min Conc: 0

150 Nd [No Gas] No available calibration points

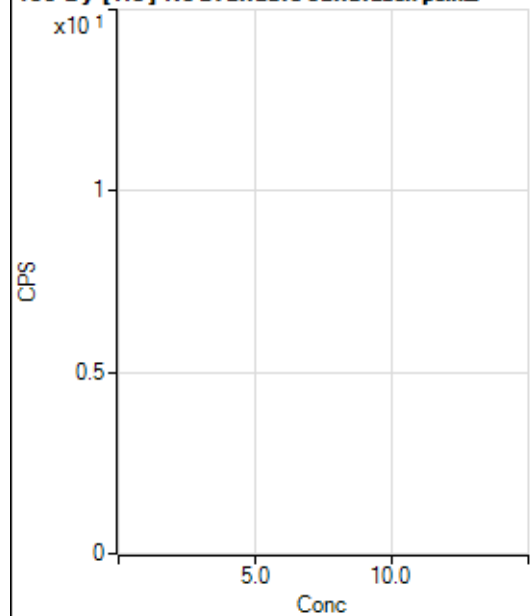
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	114.5
2	☐						
3	☐			11.11		P	69.3
4	☐			80.00		P	50.7
5	☐			126.67		P	19.0
6	☐			268.90		P	21.1
7	☐			548.92		P	6.0
8	☐			964.51		P	8.3
9	☐			153.34		P	28.5

150 Nd [He] No available calibration points

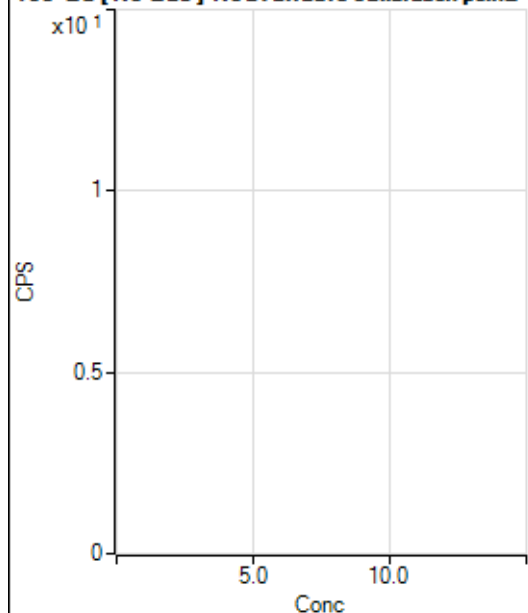
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			1.11		P	173.2
4	☐			5.56		P	34.7
5	☐			16.66		P	34.6
6	☐			33.33		P	36.1
7	☐			68.89		P	14.0
8	☐			95.56		P	14.5
9	☐			70.00		P	9.5

156 Dy [No Gas] No available calibration points

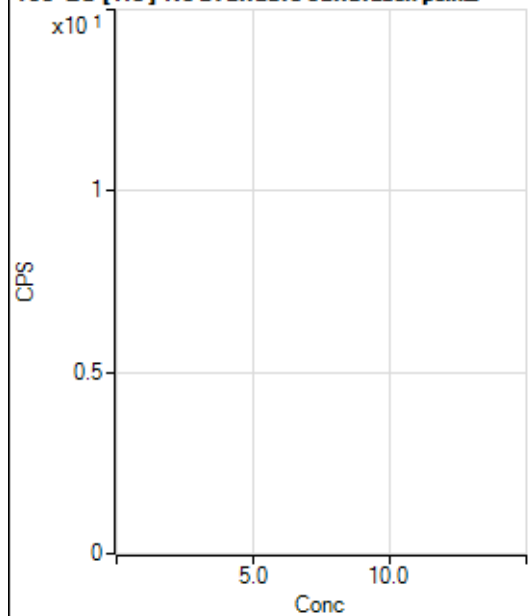
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐						
3	☐			16.67		P	50.0
4	☐			44.44		P	75.8
5	☐			50.00		P	33.3
6	☐			86.12		P	29.6
7	☐			177.79		P	9.8
8	☐			305.57		P	19.7
9	☐			125.01		P	17.6

156 Dy [He] No available calibration points

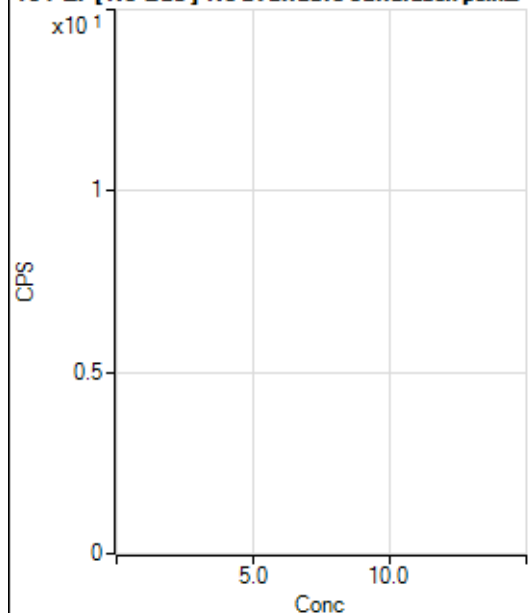
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	91.6
2	☐						
3	☐			12.22		P	83.3
4	☐			21.11		P	36.5
5	☐			33.33		P	26.4
6	☐			64.45		P	26.5
7	☐			115.56		P	36.1
8	☐			207.78		P	14.8
9	☐			75.56		P	9.2

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

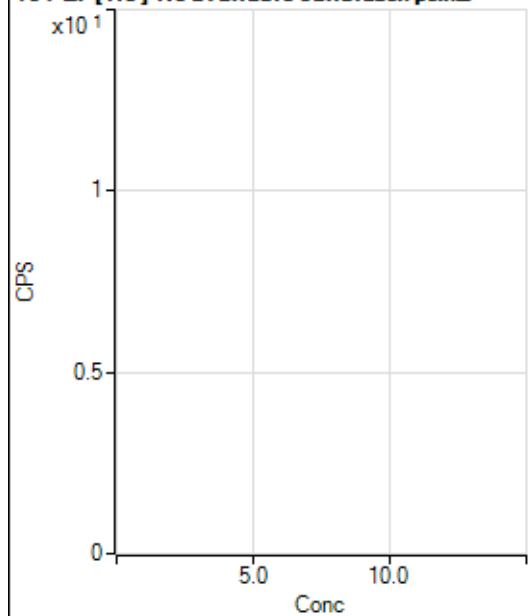
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			177.79		P	18.9
2	☐						
3	☐			147.23		P	8.6
4	☐			177.79		P	16.5
5	☐			241.68		P	18.2
6	☐			175.01		P	12.6
7	☐			238.90		P	30.5
8	☐			288.90		P	11.7
9	☐			222.24		P	12.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			156.67		P	24.2
2	☐						
3	☐			151.12		P	13.5
4	☐			146.67		P	3.9
5	☐			171.12		P	20.8
6	☐			188.89		P	8.9
7	☐			192.23		P	13.1
8	☐			248.89		P	16.0
9	☐			217.78		P	3.5

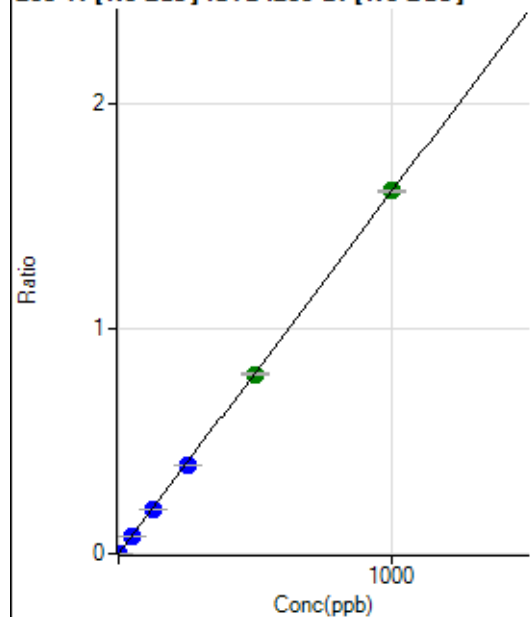
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	0.0
2	☐						
3	☐			58.34		P	37.8
4	☐			47.23		P	20.4
5	☐			50.00		P	16.7
6	☐			66.67		P	45.1
7	☐			75.00		P	22.2
8	☐			66.67		P	43.3
9	☐			119.45		P	40.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.66		P	34.6
2	☐						
3	☐			35.56		P	35.5
4	☐			26.67		P	45.1
5	☐			22.22		P	45.8
6	☐			23.33		P	65.5
7	☐			46.67		P	25.8
8	☐			64.45		P	19.6
9	☐			64.45		P	28.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0000	P	1.1
2	☐	0.100					
3	☐	1.000	0.922	13340.65	0.0015	P	0.9
4	☐	50.000	48.872	722985.63	0.0784	P	0.2
5	☐	125.000	124.001	1835115.93	0.1990	P	1.5
6	☐	250.000	246.941	3628734.76	0.3962	P	0.2
7	☐	500.000	495.850	7258736.80	0.7955	A	1.0
8	☐	1000.000	1003.021	14540582.62	1.6092	A	0.3
9	☐			5279.06	0.0007	P	11.5

$$y = 0.0016 * x + 2.4081E-005$$

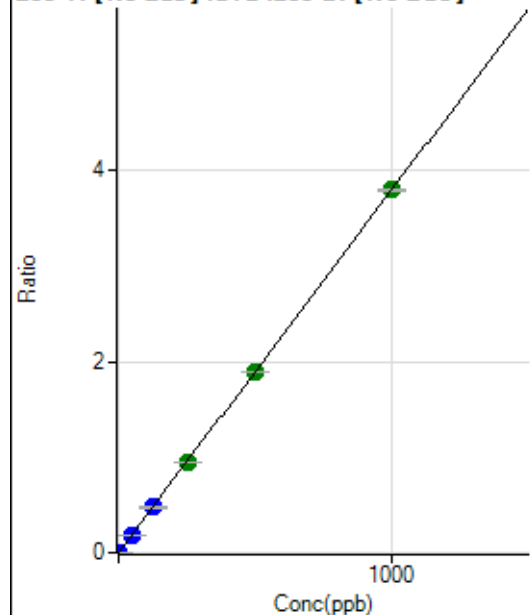
$$R = 1.0000$$

$$DL = 0.0004866$$

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	541.70	0.0001	P	11.1
2	☐	0.100					
3	☐	1.000	0.927	31719.36	0.0036	P	1.4
4	☐	50.000	49.297	1723232.79	0.1869	P	0.7
5	☐	125.000	124.788	4363967.42	0.4731	P	1.1
6	☐	250.000	249.274	8655610.18	0.9450	A	0.5
7	☐	500.000	498.516	17244293.96	1.8899	A	0.1
8	☐	1000.000	1000.985	34289023.68	3.7947	A	0.2
9	☐			12981.82	0.0017	P	4.0

$$y = 0.0038 * x + 6.1012E-005$$

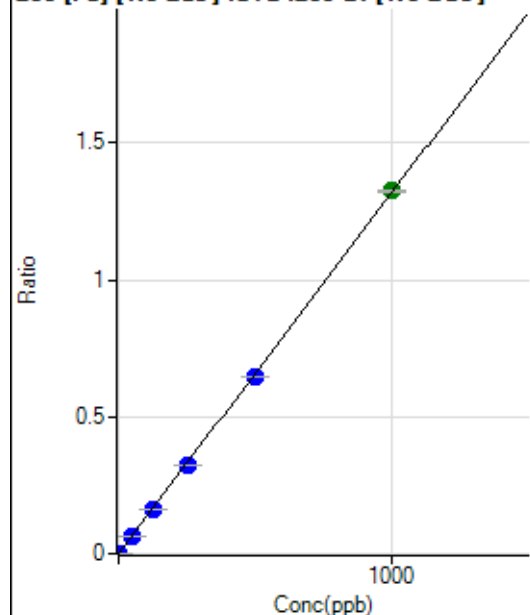
$$R = 1.0000$$

$$DL = 0.005381$$

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	1231.58	0.0001	P	11.9
2	☐	0.100					
3	☐	1.000	0.900	11744.38	0.0013	P	2.3
4	☐	50.000	48.669	591786.79	0.0642	P	0.2
5	☐	125.000	122.334	1486533.99	0.1612	P	0.6
6	☐	250.000	245.553	2961470.99	0.3233	P	0.4
7	☐	500.000	490.102	5887329.41	0.6452	P	0.2
8	☐	1000.000	1006.460	11971410.45	1.3249	A	0.4
9	☐			12330.11	0.0016	P	1.9

$$y = 0.0013 * x + 1.3870E-004$$

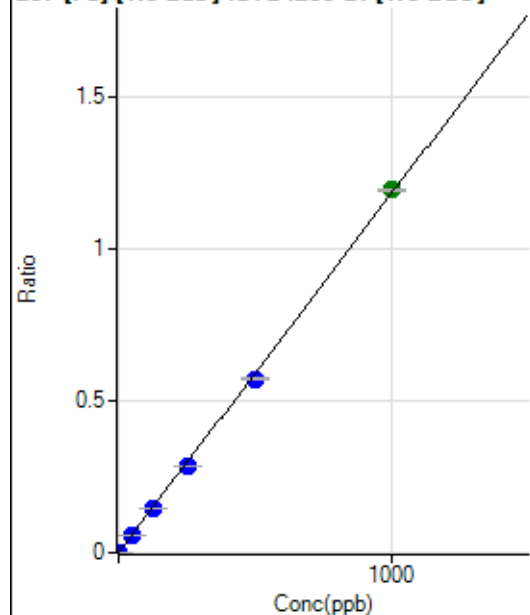
$$R = 0.9999$$

$$DL = 0.03756$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1226.02	0.0001	P	0.3
2	☐	0.100					
3	☐	1.000	0.888	10539.64	0.0012	P	0.9
4	☐	50.000	48.060	524949.83	0.0569	P	1.0
5	☐	125.000	121.361	1324557.74	0.1436	P	0.6
6	☐	250.000	242.291	2624423.93	0.2865	P	1.0
7	☐	500.000	484.332	5225227.49	0.5727	P	0.4
8	☐	1000.000	1010.313	10792684.85	1.1944	A	0.3
9	☐			10519.24	0.0013	P	2.6

$$y = 0.0012 * x + 1.3803E-004$$

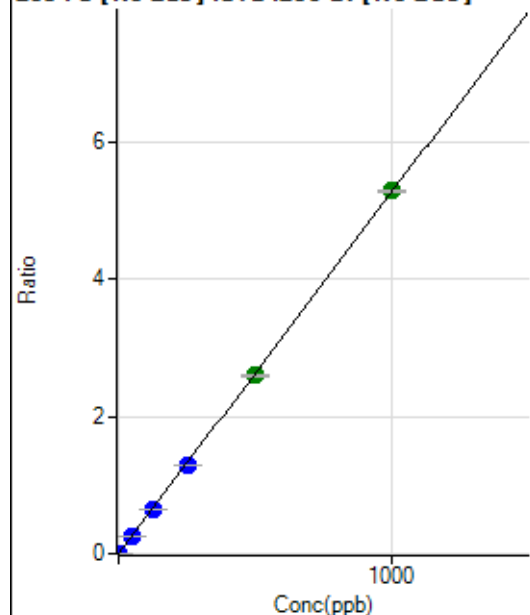
$$R = 0.9998$$

$$DL = 0.0008774$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5219.08	0.0006	P	2.7
2	☐	0.100					
3	☐	1.000	0.904	47452.78	0.0053	P	0.9
4	☐	50.000	48.832	2375224.92	0.2577	P	0.6
5	☐	125.000	122.966	5976809.16	0.6480	P	0.6
6	☐	250.000	246.329	11882874.74	1.2974	P	0.6
7	☐	500.000	493.787	23725310.66	2.6002	A	0.7
8	☐	1000.000	1004.337	47782074.56	5.2880	A	0.5
9	☐			48329.82	0.0062	P	0.8

$$y = 0.0053 * x + 5.8752E-004$$

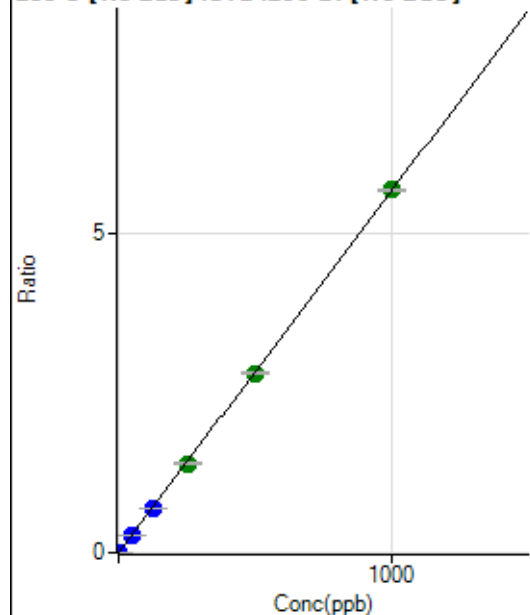
$$R = 1.0000$$

$$DL = 0.009112$$

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	150.01	0.0000	P	13.6
2	☐	0.100					
3	☐	1.000	0.836	42100.33	0.0047	P	0.4
4	☐	50.000	47.615	2482109.54	0.2693	P	0.6
5	☐	125.000	120.467	6283793.50	0.6812	P	0.7
6	☐	250.000	247.252	12805690.48	1.3982	A	0.2
7	☐	500.000	496.149	25599538.24	2.8056	A	0.8
8	☐	1000.000	1003.298	51264264.69	5.6734	A	0.7
9	☐			3181.10	0.0004	P	8.3

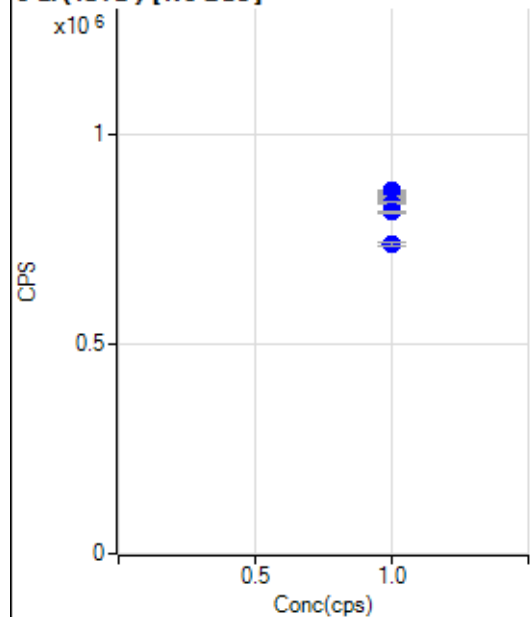
$$y = 0.0057 * x + 1.6872E-005$$

$$R = 1.0000$$

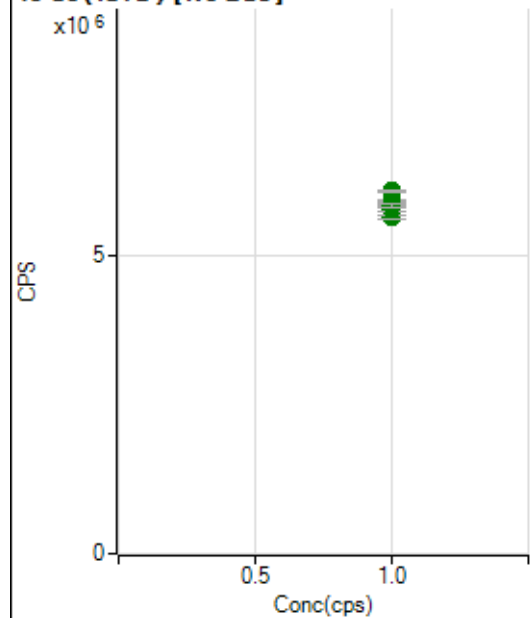
$$DL = 0.001214$$

Weight: <None>

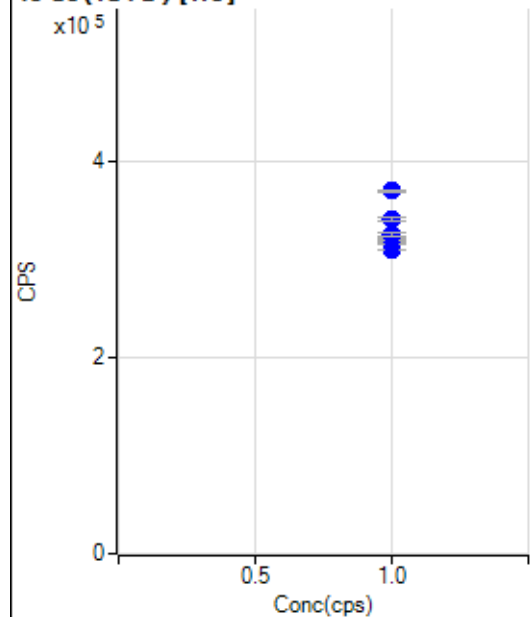
Min Conc: 0

6 Li (ISTD) [No Gas]

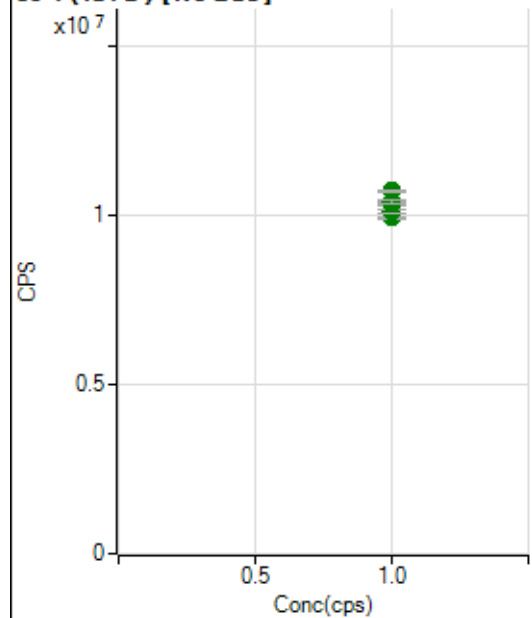
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		853403.45		P	0.7
2	☐	1.000					
3	☐	1.000		843250.57		P	0.4
4	☐	1.000		865315.51		P	0.6
5	☐	1.000		862222.62		P	0.4
6	☐	1.000		852088.34		P	0.5
7	☐	1.000		836450.66		P	0.4
8	☐	1.000		814316.82		P	0.8
9	☐	1.000		737067.90		P	1.1

45 Sc (ISTD) [No Gas]

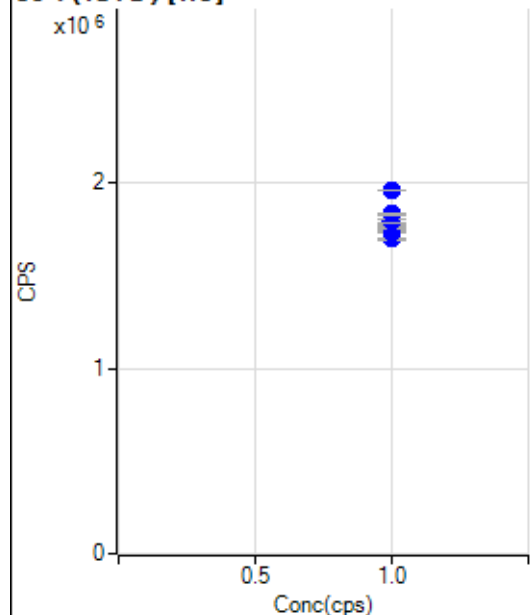
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5641474.47		A	1.0
2	☐	1.000					
3	☐	1.000		5771798.74		A	1.2
4	☐	1.000		5912464.28		A	0.4
5	☐	1.000		5902060.46		A	0.2
6	☐	1.000		5851676.56		A	0.6
7	☐	1.000		5847365.06		A	0.9
8	☐	1.000		6080321.19		A	0.2
9	☐	1.000		6086797.92		A	0.3

45 Sc (ISTD) [He]

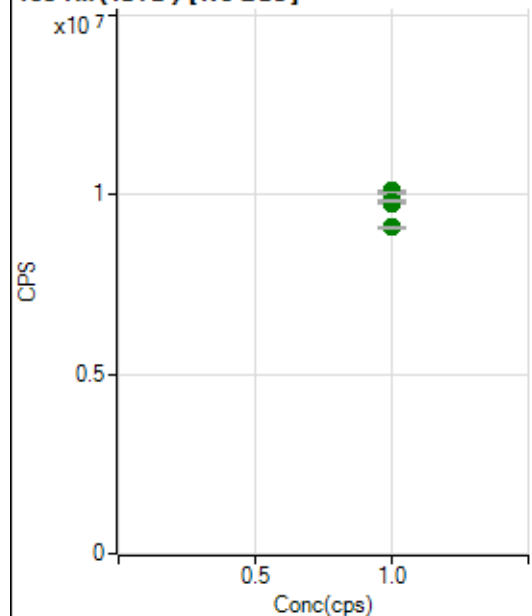
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		310829.67		P	0.2
2	☐	1.000					
3	☐	1.000		317231.37		P	0.6
4	☐	1.000		324430.16		P	0.5
5	☐	1.000		317909.84		P	0.8
6	☐	1.000		321849.03		P	0.8
7	☐	1.000		326371.93		P	0.9
8	☐	1.000		341304.38		P	1.2
9	☐	1.000		370800.10		P	0.9

89 Y (ISTD) [No Gas]

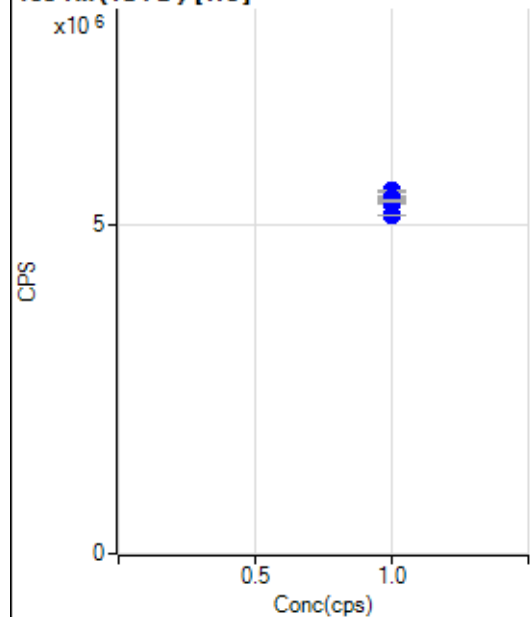
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9941357.70		A	0.5
2	☐	1.000					
3	☐	1.000		10104932.42		A	1.1
4	☐	1.000		10360487.07		A	0.7
5	☐	1.000		10396935.54		A	0.4
6	☐	1.000		10334893.46		A	1.2
7	☐	1.000		10359157.56		A	0.4
8	☐	1.000		10726024.15		A	0.3
9	☐	1.000		10426445.89		A	1.0

89 Y (ISTD) [He]

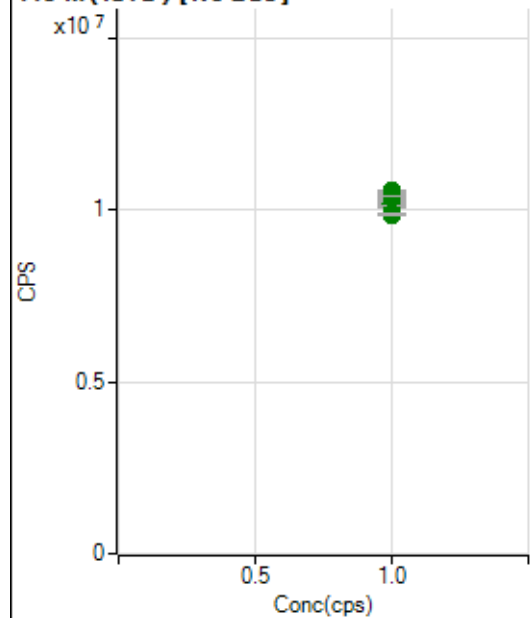
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1698681.00		P	0.3
2	☐	1.000					
3	☐	1.000		1737336.87		P	0.7
4	☐	1.000		1775074.85		P	0.1
5	☐	1.000		1747831.99		P	0.4
6	☐	1.000		1758978.72		P	0.4
7	☐	1.000		1792181.43		P	1.0
8	☐	1.000		1834024.94		P	0.4
9	☐	1.000		1958585.93		P	0.1

103 Rh (ISTD) [No Gas]

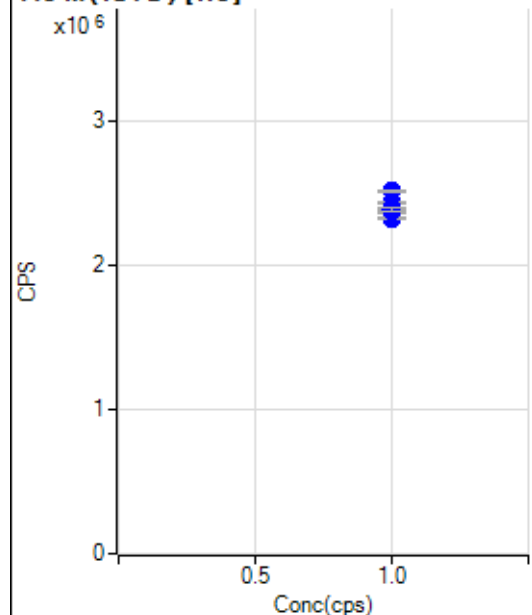
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9802532.51		A	0.1
2	☐	1.000					
3	☐	1.000		9825532.77		A	0.3
4	☐	1.000		10105350.31		A	0.1
5	☐	1.000		10031750.57		A	0.4
6	☐	1.000		9825206.99		A	0.8
7	☐	1.000		9767256.99		A	0.5
8	☐	1.000		9822005.69		A	0.6
9	☐	1.000		9078835.36		A	1.1

103 Rh (ISTD) [He]

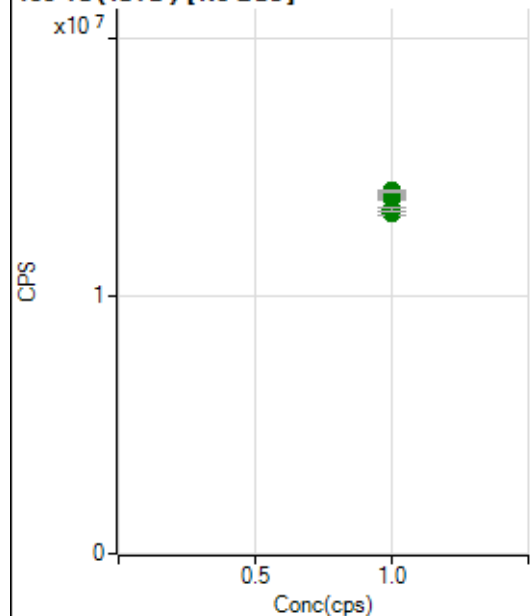
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5320629.19		P	0.3
2	☐	1.000					
3	☐	1.000		5403977.98		P	0.7
4	☐	1.000		5511659.85		P	0.5
5	☐	1.000		5400092.00		P	0.5
6	☐	1.000		5377200.68		P	0.3
7	☐	1.000		5384093.84		P	1.1
8	☐	1.000		5349317.94		P	0.7
9	☐	1.000		5141080.23		P	0.2

115 In (ISTD) [No Gas]

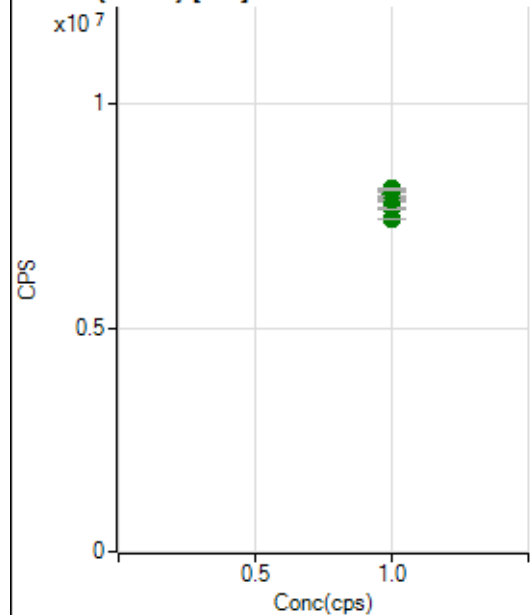
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10121289.84		A	0.9
2	☐	1.000					
3	☐	1.000		10176527.06		A	0.7
4	☐	1.000		10553045.67		A	0.6
5	☐	1.000		10529690.74		A	0.5
6	☐	1.000		10435515.86		A	0.7
7	☐	1.000		10334274.12		A	0.6
8	☐	1.000		10410131.60		A	0.1
9	☐	1.000		9855789.59		A	0.6

115 In (ISTD) [He]

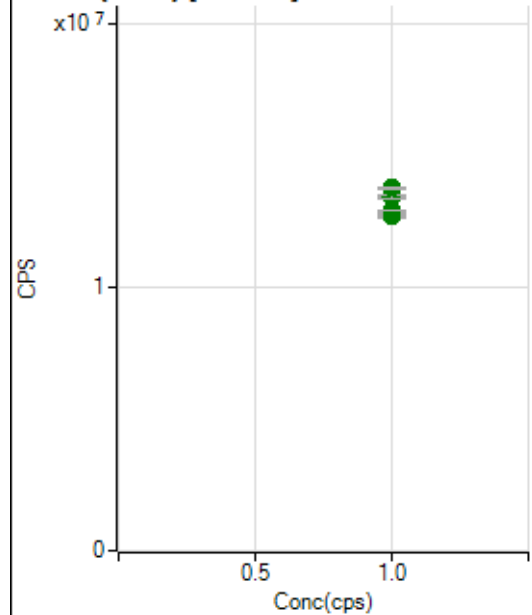
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2329742.43		P	0.2
2	☐	1.000					
3	☐	1.000		2382965.85		P	1.1
4	☐	1.000		2439041.09		P	0.8
5	☐	1.000		2391170.26		P	0.6
6	☐	1.000		2393799.01		P	0.6
7	☐	1.000		2398459.49		P	0.5
8	☐	1.000		2391433.90		P	0.7
9	☐	1.000		2519989.04		P	0.8

159 Tb (ISTD) [No Gas]

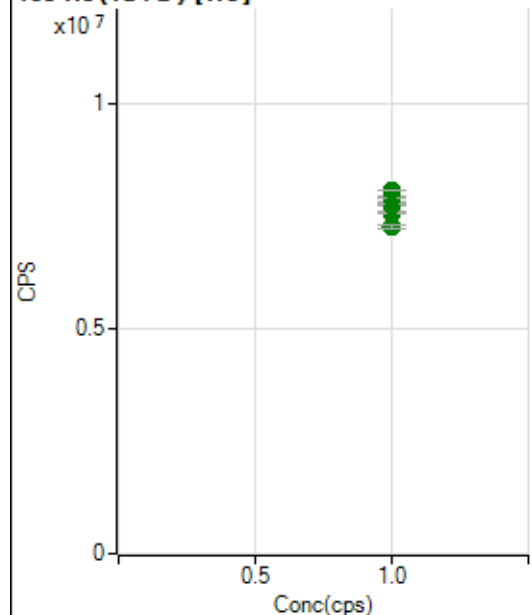
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13193386.89		A	1.3
2	☐	1.000					
3	☐	1.000		13273096.75		A	1.8
4	☐	1.000		13810260.35		A	0.9
5	☐	1.000		13866168.12		A	1.4
6	☐	1.000		13919989.79		A	0.6
7	☐	1.000		14024831.60		A	0.1
8	☐	1.000		14075042.85		A	0.8
9	☐	1.000		13365497.02		A	0.9

159 Tb (ISTD) [He]

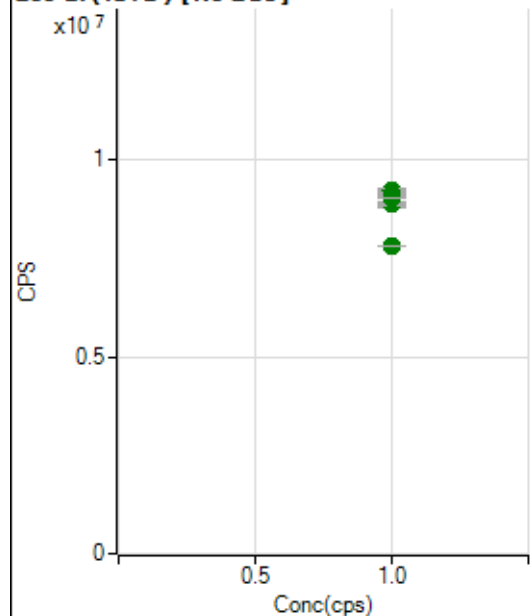
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7418480.10		A	0.2
2	☐	1.000					
3	☐	1.000		7675434.82		A	0.3
4	☐	1.000		7868306.20		A	0.9
5	☐	1.000		7864127.03		A	0.4
6	☐	1.000		7898658.42		A	0.5
7	☐	1.000		7997067.66		A	1.0
8	☐	1.000		8095480.30		A	0.7
9	☐	1.000		8104659.19		A	0.5

165 Ho (ISTD) [No Gas]

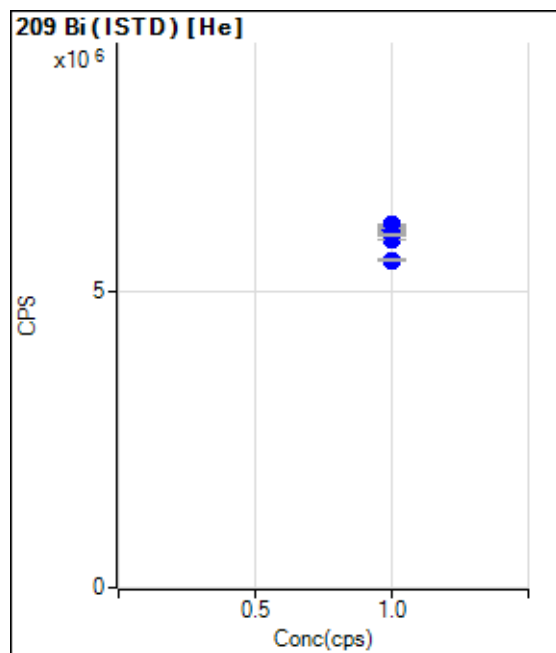
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12647395.77		A	0.7
2	☐	1.000					
3	☐	1.000		12765492.91		A	0.7
4	☐	1.000		13378761.76		A	0.4
5	☐	1.000		13388119.48		A	0.6
6	☐	1.000		13378510.02		A	0.5
7	☐	1.000		13418930.94		A	0.7
8	☐	1.000		13752381.21		A	0.9
9	☐	1.000		12897002.02		A	0.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7271593.15		A	1.0
2	☐	1.000					
3	☐	1.000		7571741.14		A	0.4
4	☐	1.000		7770732.52		A	0.9
5	☐	1.000		7733331.14		A	0.5
6	☐	1.000		7802234.19		A	0.6
7	☐	1.000		7916139.05		A	0.4
8	☐	1.000		7891889.74		A	0.2
9	☐	1.000		8057441.82		A	0.0

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8882030.84		A	1.3
2	☐	1.000					
3	☐	1.000		8875027.37		A	0.5
4	☐	1.000		9218238.27		A	0.5
5	☐	1.000		9224535.84		A	1.1
6	☐	1.000		9159041.81		A	0.4
7	☐	1.000		9124520.49		A	0.3
8	☐	1.000		9036015.42		A	0.3
9	☐	1.000		7824625.72		A	0.2



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5861459.63		P	0.1
2	☐	1.000					
3	☐	1.000		5963699.15		P	0.7
4	☐	1.000		6115001.92		P	0.3
5	☐	1.000		6046705.81		P	0.6
6	☐	1.000		6041392.89		P	1.0
7	☐	1.000		6029831.99		P	0.9
8	☐	1.000		5948464.36		P	0.6
9	☐	1.000		5520206.93		P	0.3

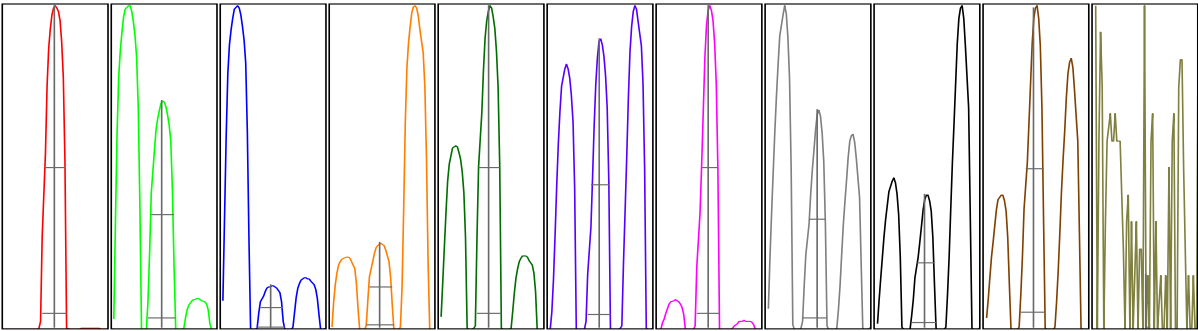
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7092917 -MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	6630	0.67	5.00		
24	53598	0.87	5.00		
25	7253	1.00	5.00		
26	8499	0.76	5.00		
59	103314	0.49	5.00		
113	12357	0.53	5.00		
115	150776	0.21	5.00		
206	36055	0.42	5.00		
207	32250	0.42	5.00		
208	77219	0.61	5.00		
220	0	42.59			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	6592	6591	6649	6697	6621
24	53224	52994	53773	54012	53989
25	7172	7187	7259	7330	7316
26	8444	8416	8533	8559	8543
59	102587	103002	103673	103815	103493
113	12405	12308	12377	12424	12270
115	150757	150736	151311	150544	150534
206	35892	36013	36262	36156	35952
207	32055	32221	32300	32429	32246
208	76841	76843	77495	77912	77002
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	11323	9.00	8.9 - 9.1		0.741	0.900	
24	87943	23.95	23.9 - 24.1		0.821	0.900	
25	11819	24.95	24.9 - 25.1		0.783	0.900	
26	13949	25.95	25.9 - 26.1		0.788	0.900	
59	182354	58.95	58.9 - 59.1		0.738	0.900	
113	25110	113.00	112.9 - 113.1		0.689	0.900	
115	308326	115.00	114.9 - 115.1		0.684	0.900	
206	76640	206.00	205.9 - 206.1		0.691	0.900	
207	67855	206.95	206.9 - 207.1		0.718	0.900	
208	162934	207.95	207.9 - 208.1		0.720	0.900	
220	0	220.05	-		0.095		

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
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.9	V	Deflect	14.2	V
Extract 2	-245.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-110	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	190	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	30591	0.50	
89	14034	0.58	
205	35881	0.34	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	30735	30529	30352	30665	30672
89	14047	13968	13933	14123	14097
205	36059	35752	35785	35931	35878

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	11.6	V	Deflect	2.2	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	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	4.1	mL/min	OctP RF	200	V			

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:24:07	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	358	283	392	344	16.11	cps
Antimony	121-1	92	117	100	103	12.38	cps
Arsenic	75-2	22	17	13	17	26.96	cps
Barium	135-1	25	75	50	50	50.00	cps
Barium	137-1	108	50	158	106	51.37	cps
Beryllium	9-1	33	50	44	43	19.93	cps
Bismuth	209-1	8911407	8753606	8981079	8882031	1.31	cps
Bismuth	209-2	5860067	5869623	5854689	5861460	0.13	cps
Boron	10-1	267	275	308	283	7.78	cps
Boron	11-1	1200	1250	1283	1245	3.37	cps
Cadmium	111-1	2856	2771	2879	2835	2.02	cps
Cadmium	106-1	4051	3951	4134	4045	2.27	cps
Cadmium	108-1	0	8	17	8	100.02	cps
Calcium	43-1	575	517	525	539	5.85	cps
Calcium	44-1	63211	64726	62783	63574	1.61	cps
Chromium	52-2	4121	4207	4051	4126	1.90	cps
Cobalt	59-2	290	353	253	299	16.93	cps
Copper	63-2	1207	1233	1233	1225	1.26	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	13	23	13	17	34.65	cps
Gadolinium	160-1	158	158	217	178	18.95	cps
Gadolinium	160-2	183	113	173	157	24.16	cps
Holmium	165-1	12742436	12578687	12621064	12647396	0.67	cps
Holmium	165-2	7330092	7297690	7186997	7271593	1.03	cps
Indium	115-1	10196534	10025173	10142162	10121290	0.87	cps
Indium	115-2	2325466	2329774	2333988	2329742	0.18	cps
Iron	56-2	12950	13001	12984	12978	0.20	cps
Iron	57-2	389	389	394	391	0.82	cps
Lead	206-1	1067	1306	1322	1232	11.61	cps
Lead	207-1	1233	1206	1239	1226	1.46	cps
Lead	208-1	5128	5089	5439	5219	3.68	cps
Lithium	6-1	857132	846438	856640	853403	0.71	cps
Magnesium	24-2	2475	2317	2325	2373	3.76	cps
Manganese	55-2	183	207	217	202	8.46	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:24:07	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	350	242	242	278	22.52	cps
Molybdenum	95-1	133	42	42	72	73.28	cps
Molybdenum	96-1	208	175	150	178	16.46	cps
Molybdenum	97-1	33	58	58	50	28.88	cps
Molybdenum	98-1	108	133	142	128	13.57	cps
Neodymium	150-1	20	0	7	9	114.55	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	313	353	357	341	7.07	cps
Phosphorus	31-2	408	483	483	458	9.45	cps
Potassium	39-2	39763	39571	39311	39548	0.57	cps
Rhodium	103-1	9813791	9806980	9786827	9802533	0.14	cps
Rhodium	103-2	5305636	5334945	5321307	5320629	0.28	cps
Scandium	45-1	5637503	5585793	5701128	5641474	1.02	cps
Scandium	45-2	310162	311454	310874	310830	0.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	59	96	78	78	23.81	cps
Selenium	82-1	-90	33	-91	-50	-143.76	cps
Silicon	28-1	202832	200771	204289	202631	0.87	cps
Silver	109-1	42	42	92	58	49.48	cps
Silver	107-1	108	108	117	111	4.33	cps
Sodium	23-2	39653	40748	40088	40163	1.37	cps
Strontium	86-1	1575	1450	1400	1475	6.11	cps
Strontium	88-1	975	1017	1108	1033	6.60	cps
Sulfur	34-1	536753	530287	535203	534081	0.63	cps
Terbium	159-1	13278984	12994939	13306237	13193387	1.31	cps
Terbium	159-2	7422550	7430340	7402550	7418480	0.19	cps
Thallium	203-1	217	208	217	214	2.25	cps
Thallium	205-1	600	542	483	542	10.77	cps
Tin	118-1	9595	9412	9437	9481	1.05	cps
Titanium	47-1	233	217	283	244	14.19	cps
Uranium	238-1	142	133	175	150	14.70	cps
Vanadium	51-2	20	27	33	27	24.99	cps
Yttrium	89-1	9892274	9940329	9991469	9941358	0.50	cps
Yttrium	89-2	1692812	1701661	1701570	1698681	0.30	cps
Zinc	66-2	237	240	267	248	6.64	cps
Zirconium	90-1	842	683	783	770	10.41	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:24:07	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	183	125	175	26.51	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 10:32:08 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2984	3067	2925	2992	2.38	cps
Antimony	121-1	26760	25724	25273	25919	2.94	cps
Arsenic	75-2	513	526	493	511	3.29	cps
Barium	135-1	28563	28947	28864	28792	0.70	cps
Barium	137-1	51714	51580	51254	51516	0.46	cps
Beryllium	9-1	1645	1606	1567	1606	2.42	cps
Bismuth	209-1	8924142	8866345	8834594	8875027	0.51	cps
Bismuth	209-2	5918540	6006050	5966508	5963699	0.73	cps
Boron	10-1	5084	4993	5251	5109	2.56	cps
Boron	11-1	26107	25055	26082	25748	2.33	cps
Cadmium	111-1	5974	6259	5774	6002	4.07	cps
Cadmium	106-1	4359	4151	3842	4117	6.32	cps
Cadmium	108-1	300	200	254	251	19.91	cps
Calcium	43-1	16885	16276	16702	16621	1.88	cps
Calcium	44-1	321288	319690	321895	320958	0.35	cps
Chromium	52-2	13530	14150	14107	13929	2.49	cps
Cobalt	59-2	8142	7969	7989	8033	1.18	cps
Copper	63-2	12919	12749	12789	12819	0.69	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	23	3	10	12	83.33	cps
Erbium	164-1	42	50	83	58	37.80	cps
Erbium	164-2	27	50	30	36	35.49	cps
Gadolinium	160-1	133	158	150	147	8.65	cps
Gadolinium	160-2	173	133	147	151	13.48	cps
Holmium	165-1	12866881	12723394	12706204	12765493	0.69	cps
Holmium	165-2	7541528	7597073	7576622	7571741	0.37	cps
Indium	115-1	10209919	10219467	10100195	10176527	0.65	cps
Indium	115-2	2352845	2397119	2398933	2382966	1.10	cps
Iron	56-2	204109	207490	206115	205905	0.83	cps
Iron	57-2	5179	5251	5234	5221	0.72	cps
Lead	206-1	12011	11845	11377	11744	2.80	cps
Lead	207-1	10527	10643	10449	10540	0.93	cps
Lead	208-1	48096	47518	46744	47453	1.43	cps
Lithium	6-1	845979	844303	839469	843251	0.40	cps
Magnesium	24-2	150491	149101	148975	149522	0.56	cps
Manganese	55-2	3047	2627	2734	2803	7.79	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:32:08	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26008	25048	24964	25340	2.29	cps
Molybdenum	95-1	31402	31536	30433	31124	1.93	cps
Molybdenum	96-1	33908	34468	34701	34359	1.19	cps
Molybdenum	97-1	19648	18913	19422	19328	1.95	cps
Molybdenum	98-1	50682	48927	51410	50340	2.54	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2657	2480	2510	2549	3.71	cps
Phosphorus	31-2	417	533	550	500	14.53	cps
Potassium	39-2	182466	189839	186196	186167	1.98	cps
Rhodium	103-1	9819246	9794994	9862359	9825533	0.35	cps
Rhodium	103-2	5357484	5430498	5423952	5403978	0.75	cps
Scandium	45-1	5839067	5772430	5703899	5771799	1.17	cps
Scandium	45-2	315258	317838	318598	317231	0.55	cps
Selenium	77-2	50	50	53	51	3.76	cps
Selenium	78-2	237	298	287	274	11.88	cps
Selenium	82-1	997	1002	979	993	1.18	cps
Silicon	28-1	303343	298530	300043	300639	0.82	cps
Silver	109-1	16786	16101	16285	16391	2.16	cps
Silver	107-1	17261	16852	17420	17178	1.71	cps
Sodium	23-2	305264	307305	308447	307006	0.53	cps
Strontium	86-1	5826	5059	5101	5329	8.09	cps
Strontium	88-1	34092	35194	34635	34640	1.59	cps
Sulfur	34-1	530428	529749	524186	528121	0.65	cps
Terbium	159-1	13519689	13261172	13038429	13273097	1.81	cps
Terbium	159-2	7652350	7684592	7689362	7675435	0.26	cps
Thallium	203-1	13541	13224	13257	13341	1.31	cps
Thallium	205-1	31563	32190	31405	31719	1.31	cps
Tin	118-1	60356	60740	63414	61504	2.71	cps
Titanium	47-1	9153	7402	8544	8367	10.63	cps
Uranium	238-1	42137	42153	42011	42100	0.18	cps
Vanadium	51-2	17110	17120	17387	17206	0.91	cps
Yttrium	89-1	10157972	10176356	9980469	10104932	1.07	cps
Yttrium	89-2	1723506	1746854	1741650	1737337	0.71	cps
Zinc	66-2	2024	2130	2224	2126	4.71	cps
Zirconium	90-1	21734	21458	21267	21486	1.09	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:32:08	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4443	5234	4526	4734	9.19	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:35:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	152671	150627	151300	151533	0.69	cps
Antimony	121-1	732797	738247	740321	737122	0.53	cps
Arsenic	75-2	29168	29857	29250	29425	1.28	cps
Barium	135-1	863745	856833	858089	859555	0.43	cps
Barium	137-1	1482404	1488149	1490300	1486951	0.27	cps
Beryllium	9-1	86886	87462	87195	87181	0.33	cps
Bismuth	209-1	9251713	9168234	9234768	9218238	0.48	cps
Bismuth	209-2	6136142	6097218	6111646	6115002	0.32	cps
Boron	10-1	11780	11705	11622	11702	0.68	cps
Boron	11-1	60363	58807	60028	59733	1.37	cps
Cadmium	111-1	190432	186781	188329	188514	0.97	cps
Cadmium	106-1	24539	23771	24330	24213	1.64	cps
Cadmium	108-1	14266	13915	14057	14079	1.25	cps
Calcium	43-1	184748	186494	185288	185510	0.48	cps
Calcium	44-1	3086867	3059839	3088280	3078329	0.52	cps
Chromium	52-2	246788	249312	246719	247606	0.60	cps
Cobalt	59-2	415005	410725	410291	412007	0.63	cps
Copper	63-2	636907	638355	633002	636088	0.44	cps
Dysprosium	156-1	8	75	50	44	75.78	cps
Dysprosium	156-2	17	30	17	21	36.45	cps
Erbium	164-1	42	42	58	47	20.38	cps
Erbium	164-2	17	40	23	27	45.07	cps
Gadolinium	160-1	175	150	208	178	16.46	cps
Gadolinium	160-2	140	150	150	147	3.94	cps
Holmium	165-1	13434766	13343613	13357907	13378762	0.37	cps
Holmium	165-2	7853679	7721775	7736743	7770733	0.93	cps
Indium	115-1	10597769	10476496	10584872	10553046	0.63	cps
Indium	115-2	2460928	2432149	2424046	2439041	0.79	cps
Iron	56-2	11022943	10991572	11093782	11036099	0.47	cps
Iron	57-2	272989	273141	275805	273978	0.58	cps
Lead	206-1	592856	589986	592519	591787	0.27	cps
Lead	207-1	521957	527661	525231	524950	0.55	cps
Lead	208-1	2368751	2374875	2382050	2375225	0.28	cps
Lithium	6-1	868436	859486	868024	865316	0.58	cps
Magnesium	24-2	1720208	1699585	1683538	1701110	1.08	cps
Manganese	55-2	283758	281615	283823	283065	0.44	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:35:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	667498	667887	664763	666716	0.26	cps
Molybdenum	95-1	364899	362790	363708	363799	0.29	cps
Molybdenum	96-1	465096	465814	466916	465942	0.20	cps
Molybdenum	97-1	227080	223870	227369	226107	0.86	cps
Molybdenum	98-1	586292	590586	590837	589238	0.43	cps
Neodymium	150-1	107	33	100	80	50.69	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	113955	112998	112984	113312	0.49	cps
Phosphorus	31-2	9037	9212	9036	9095	1.11	cps
Potassium	39-2	887034	881989	874122	881048	0.74	cps
Rhodium	103-1	10099256	10108797	10107998	10105350	0.05	cps
Rhodium	103-2	5542928	5506681	5485370	5511660	0.53	cps
Scandium	45-1	5935919	5889909	5911565	5912464	0.39	cps
Scandium	45-2	326152	324206	322933	324430	0.50	cps
Selenium	77-2	637	653	557	616	8.39	cps
Selenium	78-2	2145	2087	2106	2113	1.39	cps
Selenium	82-1	11416	11425	11092	11311	1.68	cps
Silicon	28-1	627138	621558	625644	624780	0.46	cps
Silver	109-1	893292	895222	902023	896846	0.51	cps
Silver	107-1	930193	927136	934959	930763	0.42	cps
Sodium	23-2	3166898	3130310	3129573	3142260	0.68	cps
Strontium	86-1	222506	220206	220772	221161	0.54	cps
Strontium	88-1	1933887	1930121	1918971	1927660	0.40	cps
Sulfur	34-1	578184	578141	571063	575796	0.71	cps
Terbium	159-1	13841956	13677794	13911031	13810260	0.87	cps
Terbium	159-2	7950266	7812604	7842049	7868306	0.92	cps
Thallium	203-1	727360	717908	723689	722986	0.66	cps
Thallium	205-1	1716539	1722367	1730792	1723233	0.42	cps
Tin	118-1	596572	595131	599247	596983	0.35	cps
Titanium	47-1	96129	95156	96507	95931	0.73	cps
Uranium	238-1	2473140	2475838	2497351	2482110	0.53	cps
Vanadium	51-2	193571	191836	191242	192216	0.63	cps
Yttrium	89-1	10384170	10417362	10279930	10360487	0.69	cps
Yttrium	89-2	1777109	1774486	1773629	1775075	0.10	cps
Zinc	66-2	94064	92736	92343	93048	0.97	cps
Zirconium	90-1	1253172	1253295	1244214	1250227	0.42	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:35:54	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	279906	279904	282640	280817	0.56	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 10:39:51 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	367768	369920	368159	368616	0.31	cps
Antimony	121-1	1870446	1881196	1880381	1877341	0.32	cps
Arsenic	75-2	72101	72265	72736	72368	0.46	cps
Barium	135-1	2161378	2146250	2148611	2152080	0.38	cps
Barium	137-1	3731325	3748418	3775076	3751606	0.59	cps
Beryllium	9-1	215063	216815	216877	216252	0.48	cps
Bismuth	209-1	9124930	9219147	9329531	9224536	1.11	cps
Bismuth	209-2	6006409	6053194	6080514	6046706	0.62	cps
Boron	10-1	27943	29922	27893	28586	4.05	cps
Boron	11-1	147917	146645	147084	147215	0.44	cps
Cadmium	111-1	468398	467840	467343	467860	0.11	cps
Cadmium	106-1	55585	55677	55819	55694	0.21	cps
Cadmium	108-1	35052	34764	34856	34890	0.42	cps
Calcium	43-1	462368	463143	463832	463114	0.16	cps
Calcium	44-1	7459465	7475185	7481497	7472049	0.15	cps
Chromium	52-2	598987	601048	604746	601594	0.48	cps
Cobalt	59-2	1001025	1009738	1013367	1008043	0.63	cps
Copper	63-2	1537741	1555167	1560727	1551212	0.77	cps
Dysprosium	156-1	67	50	33	50	33.34	cps
Dysprosium	156-2	43	30	27	33	26.45	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	33	13	20	22	45.83	cps
Gadolinium	160-1	208	292	225	242	18.25	cps
Gadolinium	160-2	163	210	140	171	20.83	cps
Holmium	165-1	13481893	13371685	13310780	13388119	0.65	cps
Holmium	165-2	7719448	7699880	7780665	7733331	0.54	cps
Indium	115-1	10506694	10494290	10588088	10529691	0.48	cps
Indium	115-2	2385817	2379987	2407706	2391170	0.61	cps
Iron	56-2	27184095	27234869	27326177	27248380	0.26	cps
Iron	57-2	670638	669365	671889	670631	0.19	cps
Lead	206-1	1479229	1486624	1493749	1486534	0.49	cps
Lead	207-1	1317439	1325205	1331029	1324558	0.51	cps
Lead	208-1	5950884	5963986	6015557	5976809	0.57	cps
Lithium	6-1	858600	862982	865086	862223	0.38	cps
Magnesium	24-2	4175230	4126817	4167222	4156423	0.62	cps
Manganese	55-2	692969	693053	698513	694845	0.46	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:39:51	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1672797	1672438	1666074	1670436	0.23	cps
Molybdenum	95-1	915227	906970	912007	911401	0.46	cps
Molybdenum	96-1	1166410	1165717	1159736	1163954	0.32	cps
Molybdenum	97-1	567368	567802	568895	568022	0.14	cps
Molybdenum	98-1	1475696	1475840	1487882	1479806	0.47	cps
Neodymium	150-1	107	153	120	127	18.98	cps
Neodymium	150-2	13	13	23	17	34.65	cps
Nickel	60-2	277380	274194	278592	276722	0.82	cps
Phosphorus	31-2	21967	21633	21157	21586	1.89	cps
Potassium	39-2	2090490	2087429	2103835	2093918	0.42	cps
Rhodium	103-1	9993159	10073302	10028791	10031751	0.40	cps
Rhodium	103-2	5388319	5381722	5430235	5400092	0.49	cps
Scandium	45-1	5889976	5916670	5899536	5902060	0.23	cps
Scandium	45-2	316786	316067	320876	317910	0.82	cps
Selenium	77-2	1487	1483	1523	1498	1.48	cps
Selenium	78-2	5010	5094	4968	5024	1.28	cps
Selenium	82-1	27828	27939	27813	27860	0.25	cps
Silicon	28-1	1281482	1292786	1291925	1288731	0.49	cps
Silver	109-1	2228883	2250547	2242792	2240741	0.49	cps
Silver	107-1	2326069	2336680	2308371	2323707	0.62	cps
Sodium	23-2	7576212	7473976	7643114	7564434	1.13	cps
Strontium	86-1	550255	550897	548941	550031	0.18	cps
Strontium	88-1	4834177	4820310	4811789	4822092	0.23	cps
Sulfur	34-1	658821	659022	658557	658800	0.04	cps
Terbium	159-1	13790644	13728331	14079529	13866168	1.35	cps
Terbium	159-2	7899288	7848236	7844857	7864127	0.39	cps
Thallium	203-1	1837840	1841358	1826150	1835116	0.43	cps
Thallium	205-1	4362252	4362289	4367362	4363967	0.07	cps
Tin	118-1	1502138	1517263	1516402	1511934	0.56	cps
Titanium	47-1	236575	240707	239709	238997	0.90	cps
Uranium	238-1	6260713	6236794	6353873	6283794	0.98	cps
Vanadium	51-2	470398	468716	473149	470754	0.48	cps
Yttrium	89-1	10440724	10349822	10400261	10396936	0.44	cps
Yttrium	89-2	1742141	1746268	1755088	1747832	0.38	cps
Zinc	66-2	228326	228431	229788	228848	0.36	cps
Zirconium	90-1	3156479	3150550	3149081	3152037	0.12	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:39:51	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	704365	702795	700709	702623	0.26	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:43:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	731573	739261	736074	735636	0.53	cps
Antimony	121-1	3735438	3714869	3734769	3728359	0.31	cps
Arsenic	75-2	146275	146097	146683	146352	0.21	cps
Barium	135-1	4275401	4288109	4253641	4272384	0.41	cps
Barium	137-1	7428609	7484892	7387652	7433718	0.66	cps
Beryllium	9-1	431972	425117	425865	427651	0.88	cps
Bismuth	209-1	9194624	9124393	9158109	9159042	0.38	cps
Bismuth	209-2	5975523	6081273	6067382	6041393	0.95	cps
Boron	10-1	56038	56841	56205	56361	0.75	cps
Boron	11-1	283803	287668	284614	285362	0.71	cps
Cadmium	111-1	924798	921891	919417	922035	0.29	cps
Cadmium	106-1	107775	104383	104794	105650	1.75	cps
Cadmium	108-1	68498	68699	67937	68378	0.58	cps
Calcium	43-1	912673	905960	902051	906895	0.59	cps
Calcium	44-1	14717201	14556075	14639786	14637687	0.55	cps
Chromium	52-2	1194764	1202196	1200247	1199069	0.32	cps
Cobalt	59-2	1991893	2011949	2016924	2006922	0.66	cps
Copper	63-2	3079324	3057926	3081766	3073005	0.43	cps
Dysprosium	156-1	58	108	92	86	29.56	cps
Dysprosium	156-2	60	83	50	64	26.55	cps
Erbium	164-1	100	42	58	67	45.07	cps
Erbium	164-2	20	10	40	23	65.47	cps
Gadolinium	160-1	158	167	200	175	12.60	cps
Gadolinium	160-2	173	187	207	189	8.88	cps
Holmium	165-1	13450914	13314156	13370461	13378510	0.51	cps
Holmium	165-2	7808378	7843808	7754516	7802234	0.58	cps
Indium	115-1	10509459	10357274	10439815	10435516	0.73	cps
Indium	115-2	2378408	2403556	2399433	2393799	0.56	cps
Iron	56-2	54444393	54625648	54614575	54561539	0.19	cps
Iron	57-2	1340819	1354087	1358754	1351220	0.69	cps
Lead	206-1	2965293	2965269	2953851	2961471	0.22	cps
Lead	207-1	2613811	2643300	2616161	2624424	0.62	cps
Lead	208-1	11873038	11920061	11855525	11882875	0.28	cps
Lithium	6-1	856903	849003	850359	852088	0.50	cps
Magnesium	24-2	8185760	8263892	8239932	8229862	0.49	cps
Manganese	55-2	1383205	1398924	1391995	1391375	0.57	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:43:29	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3337594	3319958	3298398	3318650	0.59	cps
Molybdenum	95-1	1801875	1804629	1804065	1803523	0.08	cps
Molybdenum	96-1	2332421	2327749	2318655	2326275	0.30	cps
Molybdenum	97-1	1123913	1124162	1131582	1126552	0.39	cps
Molybdenum	98-1	2928097	2905138	2911619	2914952	0.41	cps
Neodymium	150-1	327	213	267	269	21.09	cps
Neodymium	150-2	37	20	43	33	36.05	cps
Nickel	60-2	545572	551386	548980	548646	0.53	cps
Phosphorus	31-2	42637	44317	43874	43609	2.00	cps
Potassium	39-2	4115709	4153011	4170874	4146531	0.68	cps
Rhodium	103-1	9920340	9768630	9786651	9825207	0.84	cps
Rhodium	103-2	5359279	5388414	5383909	5377201	0.29	cps
Scandium	45-1	5890683	5833652	5830694	5851677	0.58	cps
Scandium	45-2	320163	320753	324631	321849	0.75	cps
Selenium	77-2	3290	2957	3027	3091	5.69	cps
Selenium	78-2	10063	10272	10356	10230	1.47	cps
Selenium	82-1	55955	55849	55175	55660	0.76	cps
Silicon	28-1	2389070	2422614	2402187	2404624	0.70	cps
Silver	109-1	4397880	4394291	4345140	4379104	0.67	cps
Silver	107-1	4580592	4578221	4558905	4572573	0.26	cps
Sodium	23-2	15040809	15046072	14953679	15013520	0.35	cps
Strontium	86-1	1098530	1081060	1081373	1086988	0.92	cps
Strontium	88-1	9507259	9486083	9410821	9468054	0.54	cps
Sulfur	34-1	785116	787532	782400	785016	0.33	cps
Terbium	159-1	14003095	13918289	13838585	13919990	0.59	cps
Terbium	159-2	7855559	7923834	7916582	7898658	0.47	cps
Thallium	203-1	3636605	3623017	3626582	3628735	0.19	cps
Thallium	205-1	8673578	8591124	8702128	8655610	0.67	cps
Tin	118-1	3000414	2980860	2987013	2989429	0.33	cps
Titanium	47-1	473999	470566	466159	470241	0.84	cps
Uranium	238-1	12843891	12793142	12780038	12805690	0.26	cps
Vanadium	51-2	945560	949640	948310	947837	0.22	cps
Yttrium	89-1	10469095	10217329	10318257	10334893	1.23	cps
Yttrium	89-2	1751237	1762960	1762739	1758979	0.38	cps
Zinc	66-2	453164	455531	457412	455369	0.47	cps
Zirconium	90-1	6350135	6248422	6245404	6281320	0.95	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:43:29	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1402524	1397629	1386639	1395597	0.58	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 10:47:06 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1473508	1492520	1502349	1489459	0.98	cps
Antimony	121-1	7574467	7543837	7555512	7557938	0.20	cps
Arsenic	75-2	294085	296496	297561	296047	0.60	cps
Barium	135-1	8625126	8575101	8687047	8629091	0.65	cps
Barium	137-1	14843794	14829305	14959120	14877406	0.48	cps
Beryllium	9-1	830534	830009	842698	834413	0.86	cps
Bismuth	209-1	9098143	9142515	9132904	9124520	0.26	cps
Bismuth	209-2	5974666	6038019	6076811	6029832	0.86	cps
Boron	10-1	109184	109964	111684	110277	1.16	cps
Boron	11-1	557535	563077	567924	562845	0.92	cps
Cadmium	111-1	1823788	1812948	1836981	1824572	0.66	cps
Cadmium	106-1	203932	204735	206313	204993	0.59	cps
Cadmium	108-1	135183	136559	136886	136209	0.66	cps
Calcium	43-1	1811911	1814506	1834782	1820400	0.69	cps
Calcium	44-1	29193295	29207817	29467682	29289598	0.53	cps
Chromium	52-2	2394326	2407237	2431853	2411139	0.79	cps
Cobalt	59-2	3985019	4024134	4052113	4020422	0.84	cps
Copper	63-2	6116861	6175981	6188868	6160570	0.62	cps
Dysprosium	156-1	183	158	192	178	9.76	cps
Dysprosium	156-2	117	73	157	116	36.07	cps
Erbium	164-1	58	92	75	75	22.22	cps
Erbium	164-2	33	50	57	47	25.76	cps
Gadolinium	160-1	258	158	300	239	30.48	cps
Gadolinium	160-2	163	210	203	192	13.13	cps
Holmium	165-1	13338829	13519797	13398167	13418931	0.69	cps
Holmium	165-2	7883863	7946591	7917964	7916139	0.40	cps
Indium	115-1	10344475	10267773	10390575	10334274	0.60	cps
Indium	115-2	2386160	2402844	2406375	2398459	0.45	cps
Iron	56-2	109297558	110273608	110469400	110013522	0.57	cps
Iron	57-2	2690921	2717755	2741745	2716807	0.94	cps
Lead	206-1	5880251	5882493	5899245	5887329	0.18	cps
Lead	207-1	5211693	5212488	5251501	5225227	0.44	cps
Lead	208-1	23671233	23602805	23901893	23725311	0.66	cps
Lithium	6-1	837438	838822	833092	836451	0.36	cps
Magnesium	24-2	16498608	16681942	16653633	16611394	0.59	cps
Manganese	55-2	2787743	2812673	2841387	2813934	0.95	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:47:06	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6644264	6669731	6721615	6678537	0.59	cps
Molybdenum	95-1	3556811	3588346	3634230	3593129	1.08	cps
Molybdenum	96-1	4579361	4647618	4654273	4627084	0.90	cps
Molybdenum	97-1	2232850	2273863	2272943	2259885	1.04	cps
Molybdenum	98-1	5958016	6013804	6005065	5992295	0.50	cps
Neodymium	150-1	533	527	587	549	5.99	cps
Neodymium	150-2	63	80	63	69	13.97	cps
Nickel	60-2	1085847	1098451	1103423	1095907	0.83	cps
Phosphorus	31-2	84833	87247	86962	86347	1.53	cps
Potassium	39-2	8243605	8421026	8467442	8377358	1.41	cps
Rhodium	103-1	9789960	9804787	9707023	9767257	0.54	cps
Rhodium	103-2	5318098	5395257	5438927	5384094	1.14	cps
Scandium	45-1	5866771	5789917	5885407	5847365	0.87	cps
Scandium	45-2	324244	325080	329792	326372	0.92	cps
Selenium	77-2	5901	6118	6178	6066	2.40	cps
Selenium	78-2	20427	21051	20932	20803	1.59	cps
Selenium	82-1	110778	110254	112146	111059	0.88	cps
Silicon	28-1	4340220	4677937	4437610	4485256	3.88	cps
Silver	109-1	8703016	8692350	8744765	8713377	0.32	cps
Silver	107-1	9151311	9127363	9229323	9169332	0.58	cps
Sodium	23-2	30201158	30406016	30476420	30361198	0.47	cps
Strontium	86-1	2161920	2180967	2206210	2183032	1.02	cps
Strontium	88-1	18958267	19062437	19287418	19102707	0.88	cps
Sulfur	34-1	1059434	1054326	1055881	1056547	0.25	cps
Terbium	159-1	14042127	14006634	14025734	14024832	0.13	cps
Terbium	159-2	7944462	7956891	8089850	7997068	1.01	cps
Thallium	203-1	7260772	7331635	7183804	7258737	1.02	cps
Thallium	205-1	17206792	17289484	17236607	17244294	0.24	cps
Tin	118-1	5949268	5929133	5960296	5946232	0.27	cps
Titanium	47-1	938931	936844	938530	938102	0.12	cps
Uranium	238-1	25554589	25437322	25806703	25599538	0.74	cps
Vanadium	51-2	1895439	1911629	1930087	1912385	0.91	cps
Yttrium	89-1	10393185	10316512	10367775	10359158	0.38	cps
Yttrium	89-2	1775851	1788439	1812255	1792181	1.03	cps
Zinc	66-2	904877	917891	920132	914300	0.90	cps
Zirconium	90-1	12574576	12351403	12519530	12481836	0.93	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:47:06	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2776213	2782720	2791574	2783502	0.28	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 10:50:35 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3034556	3055291	3060092	3049980	0.44	cps
Antimony	121-1	15339581	15260740	15343775	15314699	0.31	cps
Arsenic	75-2	596925	601353	603130	600469	0.53	cps
Barium	135-1	17470698	17532421	17455705	17486274	0.23	cps
Barium	137-1	30183654	30503037	30191693	30292795	0.60	cps
Beryllium	9-1	1632285	1639697	1634508	1635497	0.23	cps
Bismuth	209-1	9022379	9069161	9016505	9036015	0.32	cps
Bismuth	209-2	5920658	5990650	5934085	5948464	0.62	cps
Boron	10-1	217745	221496	220889	220043	0.91	cps
Boron	11-1	1110866	1129254	1126684	1122268	0.89	cps
Cadmium	111-1	3662373	3642362	3674805	3659847	0.45	cps
Cadmium	106-1	409306	413269	412690	411755	0.52	cps
Cadmium	108-1	270788	273052	271921	271920	0.42	cps
Calcium	43-1	3720191	3734104	3746177	3733491	0.35	cps
Calcium	44-1	60177887	60688739	60471856	60446160	0.42	cps
Chromium	52-2	4882777	4943097	4925911	4917261	0.63	cps
Cobalt	59-2	8044803	8065951	8108118	8072957	0.40	cps
Copper	63-2	12210886	12351753	12154125	12238921	0.83	cps
Dysprosium	156-1	267	375	275	306	19.73	cps
Dysprosium	156-2	243	190	190	208	14.82	cps
Erbium	164-1	50	100	50	67	43.30	cps
Erbium	164-2	70	50	73	64	19.59	cps
Gadolinium	160-1	250	308	308	289	11.66	cps
Gadolinium	160-2	217	237	293	249	15.98	cps
Holmium	165-1	13799116	13843256	13614772	13752381	0.88	cps
Holmium	165-2	7893198	7910907	7871565	7891890	0.25	cps
Indium	115-1	10414538	10393649	10422208	10410132	0.14	cps
Indium	115-2	2387326	2408790	2378186	2391434	0.66	cps
Iron	56-2	223514244	225681083	226888777	225361368	0.76	cps
Iron	57-2	5505366	5570142	5597860	5557789	0.85	cps
Lead	206-1	11981626	11965063	11967543	11971410	0.07	cps
Lead	207-1	10817167	10799509	10761379	10792685	0.26	cps
Lead	208-1	47931692	47670832	47743700	47782075	0.28	cps
Lithium	6-1	808865	820977	813108	814317	0.75	cps
Magnesium	24-2	33546222	33894621	33737197	33726013	0.52	cps
Manganese	55-2	5675041	5753643	5765663	5731449	0.86	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 10:50:35 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13812820	13697550	13877712	13796027	0.66	cps
Molybdenum	95-1	7424122	7305867	7398802	7376264	0.84	cps
Molybdenum	96-1	9846238	9820297	9921894	9862810	0.54	cps
Molybdenum	97-1	4600050	4607653	4618922	4608875	0.21	cps
Molybdenum	98-1	12320193	12302013	12409475	12343894	0.47	cps
Neodymium	150-1	1047	960	887	965	8.30	cps
Neodymium	150-2	80	107	100	96	14.52	cps
Nickel	60-2	2172411	2195198	2186707	2184772	0.53	cps
Phosphorus	31-2	177217	179509	178387	178371	0.64	cps
Potassium	39-2	17258067	17449910	17200850	17302942	0.75	cps
Rhodium	103-1	9869399	9840692	9755926	9822006	0.60	cps
Rhodium	103-2	5336771	5389206	5321976	5349318	0.66	cps
Scandium	45-1	6090435	6087351	6063178	6080321	0.25	cps
Scandium	45-2	338232	345760	339922	341304	1.16	cps
Selenium	77-2	12432	13116	12152	12567	3.95	cps
Selenium	78-2	42298	41934	42291	42175	0.49	cps
Selenium	82-1	223868	225938	226328	225378	0.59	cps
Silicon	28-1	7830634	7913712	7878890	7874412	0.53	cps
Silver	109-1	17618692	17702644	17688658	17669998	0.25	cps
Silver	107-1	18344729	18347537	18270604	18320957	0.24	cps
Sodium	23-2	62045051	62399397	61802931	62082460	0.48	cps
Strontium	86-1	4442941	4447919	4427957	4439606	0.23	cps
Strontium	88-1	39165540	38882702	39019535	39022593	0.36	cps
Sulfur	34-1	1658783	1672153	1677029	1669322	0.57	cps
Terbium	159-1	14164526	13949726	14110876	14075043	0.79	cps
Terbium	159-2	8105142	8145624	8035675	8095480	0.69	cps
Thallium	203-1	14559597	14591957	14470195	14540583	0.43	cps
Thallium	205-1	34149580	34465087	34252404	34289024	0.47	cps
Tin	118-1	12225847	12132731	12177847	12178809	0.38	cps
Titanium	47-1	1930151	1928539	1932379	1930356	0.10	cps
Uranium	238-1	50923167	51306762	51562866	51264265	0.63	cps
Vanadium	51-2	3923871	3944626	3944377	3937624	0.30	cps
Yttrium	89-1	10753610	10683434	10741028	10726024	0.35	cps
Yttrium	89-2	1828433	1842146	1831495	1834025	0.39	cps
Zinc	66-2	1811936	1830826	1824259	1822340	0.53	cps
Zirconium	90-1	25975193	25541616	25765323	25760710	0.84	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:50:35	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5766920	5738219	5754483	5753207	0.25	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:54:01	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16988520	17266682	17262849	17172684	0.93	cps
Antimony	121-1	32096	31403	30367	31288	2.78	cps
Arsenic	75-2	320	363	389	357	9.68	cps
Barium	135-1	4176	4176	3892	4081	4.01	cps
Barium	137-1	7569	7244	7044	7286	3.64	cps
Beryllium	9-1	156	83	178	139	35.55	cps
Bismuth	209-1	7817776	7839139	7816962	7824626	0.16	cps
Bismuth	209-2	5518236	5503563	5538821	5520207	0.32	cps
Boron	10-1	7027	6543	6135	6568	6.80	cps
Boron	11-1	33730	32294	30398	32141	5.20	cps
Cadmium	111-1	2973	3494	3467	3311	8.87	cps
Cadmium	106-1	3859	4593	4476	4309	9.15	cps
Cadmium	108-1	46	42	50	46	9.09	cps
Calcium	43-1	18923621	19088111	19050059	19020597	0.45	cps
Calcium	44-1	305892507	308529765	311498565	308640279	0.91	cps
Chromium	52-2	53708	55089	54347	54381	1.27	cps
Cobalt	59-2	9336	9210	9210	9252	0.79	cps
Copper	63-2	15835	15589	15588	15671	0.91	cps
Dysprosium	156-1	108	150	117	125	17.64	cps
Dysprosium	156-2	70	73	83	76	9.19	cps
Erbium	164-1	175	92	92	119	40.28	cps
Erbium	164-2	47	83	63	64	28.49	cps
Gadolinium	160-1	192	242	233	222	12.05	cps
Gadolinium	160-2	213	213	227	218	3.53	cps
Holmium	165-1	12884001	12917041	12889964	12897002	0.14	cps
Holmium	165-2	8059383	8054975	8057967	8057442	0.03	cps
Indium	115-1	9796208	9919768	9851393	9855790	0.63	cps
Indium	115-2	2497307	2531642	2531018	2519989	0.78	cps
Iron	56-2	1139853581	1159166248	1155828248	1151616026	0.90	cps
Iron	57-2	28182747	28466008	28584835	28411197	0.73	cps
Lead	206-1	12289	12606	12095	12330	2.09	cps
Lead	207-1	10349	10849	10360	10519	2.72	cps
Lead	208-1	48525	48619	47846	48330	0.87	cps
Lithium	6-1	729939	735695	745570	737068	1.07	cps
Magnesium	24-2	181838771	182526592	183356250	182573871	0.42	cps
Manganese	55-2	20000	20328	20468	20265	1.18	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:54:01	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	10154	10521	9787	10154	3.61	cps
Molybdenum	95-1	15017	15025	14625	14889	1.54	cps
Molybdenum	96-1	20782	19489	19063	19778	4.53	cps
Molybdenum	97-1	9287	8995	8294	8859	5.76	cps
Molybdenum	98-1	22368	22944	22185	22499	1.76	cps
Neodymium	150-1	200	113	147	153	28.51	cps
Neodymium	150-2	63	77	70	70	9.53	cps
Nickel	60-2	10928	10597	10741	10755	1.54	cps
Phosphorus	31-2	492	642	583	572	13.21	cps
Potassium	39-2	95475894	97576498	96625790	96559394	1.09	cps
Rhodium	103-1	8973100	9174206	9089200	9078835	1.11	cps
Rhodium	103-2	5129405	5145503	5148332	5141080	0.20	cps
Scandium	45-1	6093461	6066160	6100773	6086798	0.30	cps
Scandium	45-2	367071	372746	372583	370800	0.87	cps
Selenium	77-2	10	3	17	10	66.70	cps
Selenium	78-2	115	96	157	123	25.51	cps
Selenium	82-1	251	290	144	228	33.21	cps
Silicon	28-1	275542	276267	278250	276687	0.51	cps
Silver	109-1	1200	1425	1308	1311	8.58	cps
Silver	107-1	1217	1575	1425	1406	12.80	cps
Sodium	23-2	324162316	325185657	325735432	325027802	0.25	cps
Strontium	86-1	149048	150084	149851	149661	0.36	cps
Strontium	88-1	1303891	1303513	1309058	1305488	0.24	cps
Sulfur	34-1	492048	501353	510494	501298	1.84	cps
Terbium	159-1	13403053	13462062	13231376	13365497	0.90	cps
Terbium	159-2	8101128	8063033	8149817	8104659	0.54	cps
Thallium	203-1	5968	5010	4859	5279	11.39	cps
Thallium	205-1	13499	12999	12448	12982	4.05	cps
Tin	118-1	7119	7269	6885	7091	2.73	cps
Titanium	47-1	1225	1508	1542	1425	12.21	cps
Uranium	238-1	3476	3092	2975	3181	8.23	cps
Vanadium	51-2	623	530	517	557	10.44	cps
Yttrium	89-1	10332750	10546365	10400222	10426446	1.05	cps
Yttrium	89-2	1960151	1958681	1956926	1958586	0.08	cps
Zinc	66-2	3787	3914	3834	3845	1.67	cps
Zirconium	90-1	4759	4626	4468	4618	3.16	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 10:54:01	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	950	1108	975	1011	8.42	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:05:38 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	85871	85561	85863	85765	0.21	cps
Antimony	121-1	3095577	3093085	3113489	3100717	0.36	cps
Arsenic	75-2	132999	133984	133900	133628	0.41	cps
Barium	135-1	354329	351325	356688	354114	0.76	cps
Barium	137-1	617659	612310	617383	615784	0.49	cps
Beryllium	9-1	168262	168773	169177	168737	0.27	cps
Bismuth	209-1	9324081	9440120	9449673	9404625	0.74	cps
Bismuth	209-2	6442904	6443840	6455586	6447443	0.11	cps
Boron	10-1	131710	130114	127063	129629	1.82	cps
Boron	11-1	657466	658539	656418	657474	0.16	cps
Cadmium	111-1	410027	415632	414219	413293	0.71	cps
Cadmium	106-1	80890	81769	82080	81579	0.76	cps
Cadmium	108-1	42351	42907	42243	42500	0.84	cps
Calcium	43-1	94568	92540	93352	93487	1.09	cps
Calcium	44-1	1525151	1517896	1525155	1522734	0.28	cps
Chromium	52-2	540566	538842	535616	538341	0.47	cps
Cobalt	59-2	922120	925289	919171	922193	0.33	cps
Copper	63-2	691769	693237	694211	693072	0.18	cps
Dysprosium	156-1	33	8	17	19	65.48	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	200	100	133	144	35.25	cps
Erbium	164-2	87	63	73	74	15.73	cps
Gadolinium	160-1	183	175	150	169	10.24	cps
Gadolinium	160-2	173	193	180	182	5.59	cps
Holmium	165-1	13991676	13929076	13853590	13924781	0.50	cps
Holmium	165-2	8433783	8390824	8364831	8396479	0.41	cps
Indium	115-1	11246616	11298560	11280614	11275264	0.23	cps
Indium	115-2	2714470	2702361	2697632	2704821	0.32	cps
Iron	56-2	4746061	4764273	4735285	4748540	0.31	cps
Iron	57-2	115725	118923	118424	117690	1.46	cps
Lead	206-1	2431866	2432153	2426136	2430052	0.14	cps
Lead	207-1	2065267	2077490	2063041	2068600	0.38	cps
Lead	208-1	9516016	9585620	9554042	9551893	0.36	cps
Lithium	6-1	810069	811784	804739	808864	0.45	cps
Magnesium	24-2	428317	436664	440954	435312	1.48	cps
Manganese	55-2	317138	316771	315092	316333	0.34	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:05:38	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7659920	7606526	7649251	7638566	0.37	cps
Molybdenum	95-1	4105437	4120043	4098855	4108112	0.26	cps
Molybdenum	96-1	5279380	5283120	5284473	5282324	0.05	cps
Molybdenum	97-1	2550125	2557364	2556611	2554700	0.16	cps
Molybdenum	98-1	6833657	6830603	6840479	6834913	0.07	cps
Neodymium	150-1	27	13	20	20	33.35	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	253222	252987	252286	252832	0.19	cps
Phosphorus	31-2	725	442	483	550	27.82	cps
Potassium	39-2	803211	810927	802702	805614	0.57	cps
Rhodium	103-1	10896141	11015183	11064202	10991842	0.79	cps
Rhodium	103-2	6002728	5972242	5989302	5988091	0.26	cps
Scandium	45-1	6612662	6530855	6658558	6600692	0.98	cps
Scandium	45-2	381141	378858	379775	379925	0.30	cps
Selenium	77-2	2694	2880	2717	2764	3.68	cps
Selenium	78-2	9750	9568	9850	9722	1.47	cps
Selenium	82-1	49539	49603	49178	49440	0.46	cps
Silicon	28-1	4421917	4398482	4398162	4406187	0.31	cps
Silver	109-1	1899534	1910394	1888494	1899474	0.58	cps
Silver	107-1	1997400	1998983	1995550	1997311	0.09	cps
Sodium	23-2	1374278	1378551	1383300	1378710	0.33	cps
Strontium	86-1	2505991	2507929	2532311	2515411	0.58	cps
Strontium	88-1	22232096	22020042	21980112	22077417	0.61	cps
Sulfur	34-1	501238	499017	496880	499045	0.44	cps
Terbium	159-1	14568935	14532240	14556891	14552689	0.13	cps
Terbium	159-2	8530139	8453717	8407749	8463868	0.73	cps
Thallium	203-1	3022143	3018551	3008959	3016551	0.23	cps
Thallium	205-1	7272423	7192445	7244899	7236589	0.56	cps
Tin	118-1	6850613	6821931	6793251	6821932	0.42	cps
Titanium	47-1	1095385	1096129	1086732	1092749	0.48	cps
Uranium	238-1	27876983	27901123	27912499	27896869	0.07	cps
Vanadium	51-2	431447	429762	430444	430551	0.20	cps
Yttrium	89-1	11476372	11393339	11513229	11460980	0.54	cps
Yttrium	89-2	2032611	2027458	2030362	2030144	0.13	cps
Zinc	66-2	202303	205210	201465	202993	0.97	cps
Zirconium	90-1	14177616	14107815	14278608	14188013	0.61	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:05:38	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3153114	3137807	3136416	3142446	0.29	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:09:02 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	308	308	306	1.57	cps
Antimony	121-1	10897	10880	9779	10518	6.09	cps
Arsenic	75-2	63	61	70	65	7.56	cps
Barium	135-1	83	0	42	42	100.00	cps
Barium	137-1	42	92	158	97	60.20	cps
Beryllium	9-1	44	89	50	61	39.62	cps
Bismuth	209-1	9235528	9370438	9376413	9327460	0.85	cps
Bismuth	209-2	6378724	6407307	6424026	6403352	0.36	cps
Boron	10-1	1675	1525	1433	1545	7.90	cps
Boron	11-1	8903	7911	7836	8216	7.25	cps
Cadmium	111-1	2796	2661	2666	2708	2.81	cps
Cadmium	106-1	4001	3734	3742	3826	3.96	cps
Cadmium	108-1	33	17	4	18	81.02	cps
Calcium	43-1	567	408	625	533	21.02	cps
Calcium	44-1	115431	114567	112256	114085	1.44	cps
Chromium	52-2	3464	3317	3794	3525	6.93	cps
Cobalt	59-2	170	187	140	166	14.29	cps
Copper	63-2	1727	1830	1790	1782	2.92	cps
Dysprosium	156-1	25	17	25	22	21.64	cps
Dysprosium	156-2	20	7	13	13	49.99	cps
Erbium	164-1	17	67	33	39	65.47	cps
Erbium	164-2	27	33	33	31	12.36	cps
Gadolinium	160-1	167	150	158	158	5.26	cps
Gadolinium	160-2	147	133	123	134	8.71	cps
Holmium	165-1	13746209	13777406	13950168	13824594	0.79	cps
Holmium	165-2	8358122	8418262	8342964	8373116	0.48	cps
Indium	115-1	11282095	11379098	11369792	11343662	0.47	cps
Indium	115-2	2722902	2750929	2750374	2741402	0.58	cps
Iron	56-2	10799	10865	10877	10847	0.39	cps
Iron	57-2	406	394	344	381	8.53	cps
Lead	206-1	2089	2328	2061	2160	6.79	cps
Lead	207-1	2156	2100	2011	2089	3.49	cps
Lead	208-1	8929	9224	8796	8983	2.44	cps
Lithium	6-1	766096	780394	774345	773612	0.93	cps
Magnesium	24-2	1075	825	908	936	13.60	cps
Manganese	55-2	113	133	93	113	17.65	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:09:02	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2475	2334	2392	2400	2.97	cps
Molybdenum	95-1	2984	2334	2550	2623	12.62	cps
Molybdenum	96-1	3034	2959	2875	2956	2.68	cps
Molybdenum	97-1	1842	1609	1725	1725	6.76	cps
Molybdenum	98-1	4734	4793	4092	4540	8.56	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	180	180	190	183	3.15	cps
Phosphorus	31-2	600	658	525	594	11.24	cps
Potassium	39-2	52619	52561	54267	53149	1.82	cps
Rhodium	103-1	10965976	11023905	10989997	10993292	0.26	cps
Rhodium	103-2	5978613	5995698	6027907	6000739	0.42	cps
Scandium	45-1	6454071	6521278	6535069	6503473	0.67	cps
Scandium	45-2	370373	372055	379070	373833	1.23	cps
Selenium	77-2	0	7	10	6	91.64	cps
Selenium	78-2	124	122	85	110	19.85	cps
Selenium	82-1	-2	-23	163	46	221.39	cps
Silicon	28-1	211085	208272	209344	209567	0.68	cps
Silver	109-1	233	242	158	211	21.74	cps
Silver	107-1	217	250	242	236	7.35	cps
Sodium	23-2	84269	80784	82058	82370	2.14	cps
Strontium	86-1	1634	1600	1575	1603	1.83	cps
Strontium	88-1	1408	1608	1100	1372	18.66	cps
Sulfur	34-1	482623	480755	480053	481144	0.28	cps
Terbium	159-1	14354472	14528679	14390886	14424679	0.64	cps
Terbium	159-2	8485308	8476166	8449365	8470280	0.22	cps
Thallium	203-1	1133	1200	1300	1211	6.93	cps
Thallium	205-1	3034	2809	2909	2917	3.87	cps
Tin	118-1	7911	7561	6927	7466	6.68	cps
Titanium	47-1	192	258	283	244	19.38	cps
Uranium	238-1	1017	850	808	892	12.36	cps
Vanadium	51-2	23	13	33	23	42.86	cps
Yttrium	89-1	11447649	11480379	11359559	11429196	0.55	cps
Yttrium	89-2	2015067	2037283	2022880	2025077	0.56	cps
Zinc	66-2	333	277	280	297	10.72	cps
Zirconium	90-1	1959	1917	1925	1934	1.14	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:09:02	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	400	442	392	411	6.52	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:12:32 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14384364	14619607	14321783	14441918	1.09	cps
Antimony	121-1	21492	21125	20466	21028	2.47	cps
Arsenic	75-2	230	256	230	238	6.28	cps
Barium	135-1	5176	5551	5501	5410	3.77	cps
Barium	137-1	9504	8820	8811	9045	4.39	cps
Beryllium	9-1	472	483	450	469	3.62	cps
Bismuth	209-1	8986222	8990671	8929265	8968719	0.38	cps
Bismuth	209-2	5841873	5963996	5894685	5900184	1.04	cps
Boron	10-1	1567	1542	1600	1570	1.87	cps
Boron	11-1	8044	7644	8086	7925	3.08	cps
Cadmium	111-1	4499	4750	4596	4615	2.74	cps
Cadmium	106-1	3809	3967	3534	3770	5.82	cps
Cadmium	108-1	4192	4005	3726	3974	5.91	cps
Calcium	43-1	3832075	3807883	3774368	3804775	0.76	cps
Calcium	44-1	62270460	61568676	61231420	61690185	0.86	cps
Chromium	52-2	105131	104849	106165	105382	0.66	cps
Cobalt	59-2	9964	10434	10144	10180	2.33	cps
Copper	63-2	54993	55311	55314	55206	0.33	cps
Dysprosium	156-1	25	67	75	56	48.22	cps
Dysprosium	156-2	33	77	53	54	39.84	cps
Erbium	164-1	83	67	67	72	13.33	cps
Erbium	164-2	23	47	60	43	42.83	cps
Gadolinium	160-1	300	242	183	242	24.14	cps
Gadolinium	160-2	173	143	233	183	24.99	cps
Holmium	165-1	13998131	13964507	14014576	13992404	0.18	cps
Holmium	165-2	8090916	8191477	8140005	8140799	0.62	cps
Indium	115-1	11193300	11103620	11016854	11104591	0.79	cps
Indium	115-2	2562686	2568926	2573669	2568427	0.21	cps
Iron	56-2	442910254	451157688	442777454	445615132	1.08	cps
Iron	57-2	10895928	11034128	10968006	10966021	0.63	cps
Lead	206-1	69631	71346	70168	70382	1.25	cps
Lead	207-1	56454	56867	56024	56448	0.75	cps
Lead	208-1	264096	268152	264280	265509	0.86	cps
Lithium	6-1	776869	777399	778935	777734	0.14	cps
Magnesium	24-2	33561163	33817996	33667501	33682220	0.38	cps
Manganese	55-2	23032	23866	23626	23508	1.83	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:12:32	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	8291960	8338083	8225092	8285045	0.69	cps
Molybdenum	95-1	14510394	14448766	14247300	14402153	0.96	cps
Molybdenum	96-1	16097844	15970619	15827027	15965163	0.85	cps
Molybdenum	97-1	9062584	9104516	8944103	9037067	0.92	cps
Molybdenum	98-1	24147791	24098483	23681148	23975807	1.07	cps
Neodymium	150-1	53	40	67	53	25.00	cps
Neodymium	150-2	30	13	37	27	45.08	cps
Nickel	60-2	12716	12556	12532	12601	0.79	cps
Phosphorus	31-2	893032	897568	884778	891792	0.73	cps
Potassium	39-2	34996170	35252805	35094745	35114573	0.37	cps
Rhodium	103-1	10450603	10406229	10291905	10382912	0.79	cps
Rhodium	103-2	5476607	5486520	5523370	5495499	0.45	cps
Scandium	45-1	6520025	6415370	6419123	6451506	0.92	cps
Scandium	45-2	359209	358569	358641	358806	0.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	59	111	88	29.98	cps
Selenium	82-1	5	61	76	47	79.69	cps
Silicon	28-1	389737	389909	385518	388388	0.64	cps
Silver	109-1	1392	1500	1859	1583	15.43	cps
Silver	107-1	1450	1800	1842	1697	12.68	cps
Sodium	23-2	61151099	62155745	61112518	61473121	0.96	cps
Strontium	86-1	154741	151416	151913	152690	1.17	cps
Strontium	88-1	1345186	1333092	1325735	1334671	0.74	cps
Sulfur	34-1	4915953	4892872	4892981	4900602	0.27	cps
Terbium	159-1	14532094	14653010	14611316	14598807	0.42	cps
Terbium	159-2	8243644	8338414	8328260	8303439	0.63	cps
Thallium	203-1	3484	3075	3242	3267	6.29	cps
Thallium	205-1	8912	7561	7461	7978	10.16	cps
Tin	118-1	6802	6702	6285	6596	4.16	cps
Titanium	47-1	3891219	3833966	3805308	3843498	1.14	cps
Uranium	238-1	1025	1092	867	995	11.62	cps
Vanadium	51-2	623	677	727	676	7.65	cps
Yttrium	89-1	11376806	11263884	11149521	11263403	1.01	cps
Yttrium	89-2	1913519	1930874	1929219	1924537	0.50	cps
Zinc	66-2	10888	10908	11128	10974	1.21	cps
Zirconium	90-1	9103	7085	6802	7664	16.38	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:12:32	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1759	1675	1250	1561	17.47	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:15:55 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14562946	14491479	14261743	14438723	1.09	cps
Antimony	121-1	329991	332635	332838	331821	0.48	cps
Arsenic	75-2	12878	12913	12683	12825	0.97	cps
Barium	135-1	76644	75697	75631	75991	0.75	cps
Barium	137-1	134049	132544	133462	133352	0.57	cps
Beryllium	9-1	33426	33705	33087	33406	0.93	cps
Bismuth	209-1	8961261	9080985	9048475	9030241	0.69	cps
Bismuth	209-2	5907095	5907612	5869718	5894808	0.37	cps
Boron	10-1	14199	14307	13857	14121	1.67	cps
Boron	11-1	72951	73956	73403	73437	0.69	cps
Cadmium	111-1	82812	82502	84980	83431	1.62	cps
Cadmium	106-1	14767	14583	15426	14925	2.97	cps
Cadmium	108-1	10863	10954	10316	10711	3.22	cps
Calcium	43-1	3876574	3839762	3834291	3850209	0.60	cps
Calcium	44-1	63251193	62388437	62338139	62659256	0.82	cps
Chromium	52-2	211646	208698	206998	209114	1.12	cps
Cobalt	59-2	184504	185185	183727	184472	0.40	cps
Copper	63-2	184352	183025	183781	183719	0.36	cps
Dysprosium	156-1	75	142	67	94	43.53	cps
Dysprosium	156-2	20	30	37	29	29.04	cps
Erbium	164-1	100	92	42	78	40.56	cps
Erbium	164-2	40	60	70	57	26.96	cps
Gadolinium	160-1	242	175	300	239	26.18	cps
Gadolinium	160-2	230	200	210	213	7.16	cps
Holmium	165-1	14245944	14228365	14260603	14244971	0.11	cps
Holmium	165-2	8244062	8192190	8087047	8174433	0.98	cps
Indium	115-1	11265172	11275287	11318262	11286240	0.25	cps
Indium	115-2	2565090	2568598	2543659	2559116	0.53	cps
Iron	56-2	446345977	445533632	444249477	445376362	0.24	cps
Iron	57-2	11114865	11082770	10925616	11041084	0.92	cps
Lead	206-1	309626	310011	311108	310249	0.25	cps
Lead	207-1	253823	251974	254806	253534	0.57	cps
Lead	208-1	1181233	1178036	1179529	1179599	0.14	cps
Lithium	6-1	771059	767522	767427	768669	0.27	cps
Magnesium	24-2	34440738	33902725	33615342	33986268	1.23	cps
Manganese	55-2	83358	83726	83478	83521	0.22	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:15:55	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	9174299	9223562	9186349	9194737	0.28	cps
Molybdenum	95-1	14925064	15062501	14958022	14981862	0.48	cps
Molybdenum	96-1	16670435	16730723	16709019	16703392	0.18	cps
Molybdenum	97-1	9362297	9369217	9434143	9388552	0.42	cps
Molybdenum	98-1	24911869	24957942	24843258	24904356	0.23	cps
Neodymium	150-1	40	47	67	51	27.15	cps
Neodymium	150-2	37	47	43	42	12.06	cps
Nickel	60-2	60109	59571	59186	59622	0.78	cps
Phosphorus	31-2	892420	893664	872380	886155	1.35	cps
Potassium	39-2	35484542	35151218	34530906	35055556	1.38	cps
Rhodium	103-1	10470599	10412575	10490711	10457962	0.39	cps
Rhodium	103-2	5542047	5560852	5478623	5527174	0.78	cps
Scandium	45-1	6522646	6526506	6491506	6513553	0.29	cps
Scandium	45-2	359903	355917	351898	355906	1.12	cps
Selenium	77-2	297	257	270	274	7.42	cps
Selenium	78-2	1028	991	954	991	3.74	cps
Selenium	82-1	4826	4730	4792	4783	1.02	cps
Silicon	28-1	850285	854980	851693	852319	0.28	cps
Silver	109-1	354613	353256	356301	354723	0.43	cps
Silver	107-1	368520	369131	368324	368658	0.11	cps
Sodium	23-2	62391660	62245262	61592395	62076439	0.69	cps
Strontium	86-1	412379	415326	412138	413281	0.43	cps
Strontium	88-1	3603607	3593567	3597695	3598290	0.14	cps
Sulfur	34-1	5019816	5003150	4977066	5000010	0.43	cps
Terbium	159-1	14650797	14762387	14652606	14688596	0.44	cps
Terbium	159-2	8361141	8256031	8210872	8276015	0.93	cps
Thallium	203-1	295541	296839	298787	297056	0.55	cps
Thallium	205-1	708671	706297	713908	709625	0.55	cps
Tin	118-1	692691	693248	692301	692747	0.07	cps
Titanium	47-1	3952403	3969443	3943816	3955221	0.33	cps
Uranium	238-1	2633206	2636082	2639178	2636155	0.11	cps
Vanadium	51-2	84557	82657	81805	83006	1.70	cps
Yttrium	89-1	11457380	11438221	11383215	11426272	0.34	cps
Yttrium	89-2	1939699	1940736	1914577	1931671	0.77	cps
Zinc	66-2	29894	30135	30048	30026	0.41	cps
Zirconium	90-1	1466770	1477993	1476395	1473720	0.41	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:15:55	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	327870	329101	327739	328237	0.23	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:25:45	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8722499	8838531	8733618	8764882	0.73	cps
Antimony	121-1	7917325	7993479	7856149	7922318	0.87	cps
Arsenic	75-2	326295	324999	323462	324918	0.44	cps
Barium	135-1	9249609	9184647	9103633	9179296	0.80	cps
Barium	137-1	15802881	15734924	15696238	15744681	0.34	cps
Beryllium	9-1	834691	824263	838537	832497	0.89	cps
Bismuth	209-1	8774213	8718567	8690476	8727752	0.49	cps
Bismuth	209-2	5858719	5898030	5878958	5878569	0.33	cps
Boron	10-1	111702	112264	112357	112108	0.32	cps
Boron	11-1	571377	569148	580934	573820	1.09	cps
Cadmium	111-1	1895802	1895386	1897411	1896200	0.06	cps
Cadmium	106-1	214914	216540	217275	216243	0.56	cps
Cadmium	108-1	141219	140400	139840	140486	0.49	cps
Calcium	43-1	10187742	10064628	10048532	10100301	0.75	cps
Calcium	44-1	164999733	162702587	161983241	163228520	0.97	cps
Chromium	52-2	2685387	2699757	2670976	2685373	0.54	cps
Cobalt	59-2	4295991	4308010	4297059	4300353	0.15	cps
Copper	63-2	6414568	6487117	6408208	6436631	0.68	cps
Dysprosium	156-1	300	267	192	253	21.95	cps
Dysprosium	156-2	180	163	193	179	8.40	cps
Erbium	164-1	133	217	108	153	37.13	cps
Erbium	164-2	80	80	77	79	2.44	cps
Gadolinium	160-1	242	325	358	308	19.49	cps
Gadolinium	160-2	270	297	280	282	4.77	cps
Holmium	165-1	14164621	14113179	14198599	14158800	0.30	cps
Holmium	165-2	8317601	8387038	8325264	8343301	0.46	cps
Indium	115-1	11053152	11045149	10915539	11004613	0.70	cps
Indium	115-2	2601090	2616156	2610916	2609387	0.29	cps
Iron	56-2	590177858	592881658	589973391	591010969	0.27	cps
Iron	57-2	14698012	14700999	14618502	14672504	0.32	cps
Lead	206-1	5640877	5612265	5660812	5637985	0.43	cps
Lead	207-1	4981472	4952191	4954615	4962760	0.33	cps
Lead	208-1	22859964	22643426	22635310	22712900	0.56	cps
Lithium	6-1	781593	776475	782154	780074	0.40	cps
Magnesium	24-2	93237867	93561308	93799271	93532815	0.30	cps
Manganese	55-2	3132476	3181293	3158927	3157565	0.77	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:25:45	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7431619	7313442	7463262	7402774	1.07	cps
Molybdenum	95-1	3905547	3919198	3925865	3916870	0.26	cps
Molybdenum	96-1	5019354	5034423	5033337	5029038	0.17	cps
Molybdenum	97-1	2438965	2451908	2440249	2443707	0.29	cps
Molybdenum	98-1	6563635	6550631	6501338	6538535	0.50	cps
Neodymium	150-1	627	620	713	653	7.97	cps
Neodymium	150-2	123	87	117	109	17.94	cps
Nickel	60-2	1153914	1159634	1161153	1158234	0.33	cps
Phosphorus	31-2	102308	100706	100319	101111	1.04	cps
Potassium	39-2	48727766	48822421	48851231	48800473	0.13	cps
Rhodium	103-1	10410127	10311123	10332012	10351088	0.50	cps
Rhodium	103-2	5544876	5560535	5564238	5556550	0.18	cps
Scandium	45-1	6706473	6668047	6750588	6708369	0.62	cps
Scandium	45-2	383155	386179	387226	385520	0.55	cps
Selenium	77-2	6742	6915	6852	6836	1.28	cps
Selenium	78-2	22790	23133	23237	23054	1.01	cps
Selenium	82-1	117546	117970	116896	117471	0.46	cps
Silicon	28-1	4559293	4552169	4571245	4560903	0.21	cps
Silver	109-1	9050083	8939800	8999546	8996476	0.61	cps
Silver	107-1	9477703	9453546	9402869	9444706	0.40	cps
Sodium	23-2	167673583	167500833	167268295	167480904	0.12	cps
Strontium	86-1	2448664	2438494	2448421	2445193	0.24	cps
Strontium	88-1	21588775	21506653	21611648	21569025	0.26	cps
Sulfur	34-1	1201350	1185707	1178890	1188649	0.97	cps
Terbium	159-1	14862450	14763196	14494096	14706581	1.30	cps
Terbium	159-2	8517434	8398977	8515861	8477424	0.80	cps
Thallium	203-1	7108435	7095674	6956665	7053591	1.19	cps
Thallium	205-1	16716810	16691682	16682792	16697094	0.11	cps
Tin	118-1	6366858	6409037	6305408	6360434	0.82	cps
Titanium	47-1	1048259	1051310	1041094	1046888	0.50	cps
Uranium	238-1	25058317	24837423	24480161	24791967	1.18	cps
Vanadium	51-2	2169338	2163772	2158711	2163941	0.25	cps
Yttrium	89-1	11486681	11606679	11528399	11540586	0.53	cps
Yttrium	89-2	2017678	2031780	2023415	2024291	0.35	cps
Zinc	66-2	970280	973106	975458	972948	0.27	cps
Zirconium	90-1	13892738	13823320	13825049	13847036	0.29	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P7
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:25:45	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3074917	3051188	3048045	3058050	0.48	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:34:40	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	167	300	272	34.82	cps
Antimony	121-1	4293	4334	4459	4362	1.99	cps
Arsenic	75-2	43	39	46	43	8.70	cps
Barium	135-1	42	50	75	56	31.22	cps
Barium	137-1	92	142	142	125	23.09	cps
Beryllium	9-1	39	33	72	48	43.68	cps
Bismuth	209-1	9515844	9622179	9565509	9567844	0.56	cps
Bismuth	209-2	6348654	6353337	6399147	6367046	0.44	cps
Boron	10-1	1417	1717	1375	1503	12.40	cps
Boron	11-1	6868	7110	7677	7219	5.75	cps
Cadmium	111-1	2872	2691	2873	2812	3.72	cps
Cadmium	106-1	4076	3801	4026	3967	3.69	cps
Cadmium	108-1	21	4	29	18	70.49	cps
Calcium	43-1	392	450	483	442	10.50	cps
Calcium	44-1	119429	118170	120092	119230	0.82	cps
Chromium	52-2	3527	3507	3614	3549	1.60	cps
Cobalt	59-2	120	133	180	144	21.81	cps
Copper	63-2	2210	2184	2324	2239	3.32	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	75	50	58	61	20.83	cps
Erbium	164-2	7	23	40	23	71.42	cps
Gadolinium	160-1	125	150	125	133	10.82	cps
Gadolinium	160-2	147	153	150	150	2.22	cps
Holmium	165-1	14335746	14232394	14270949	14279696	0.37	cps
Holmium	165-2	8472809	8488247	8523356	8494804	0.30	cps
Indium	115-1	11838552	11730220	11723810	11764194	0.55	cps
Indium	115-2	2748211	2739046	2774226	2753828	0.66	cps
Iron	56-2	11205	11466	11989	11553	3.46	cps
Iron	57-2	400	461	450	437	7.45	cps
Lead	206-1	2345	2489	2300	2378	4.15	cps
Lead	207-1	2106	2178	1978	2087	4.85	cps
Lead	208-1	9196	9402	9340	9313	1.13	cps
Lithium	6-1	785271	791351	778621	785081	0.81	cps
Magnesium	24-2	892	1133	1225	1083	15.90	cps
Manganese	55-2	133	143	113	130	11.75	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:34:40	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1559	1200	1392	1383	12.96	cps
Molybdenum	95-1	1175	1167	1117	1153	2.74	cps
Molybdenum	96-1	1425	1075	1383	1295	14.77	cps
Molybdenum	97-1	742	775	850	789	7.03	cps
Molybdenum	98-1	2042	2092	1850	1995	6.40	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	150	140	183	158	14.38	cps
Phosphorus	31-2	608	508	517	544	10.19	cps
Potassium	39-2	57788	57445	57906	57713	0.41	cps
Rhodium	103-1	11346776	11451759	11274598	11357711	0.78	cps
Rhodium	103-2	6098511	6071508	6108363	6092794	0.31	cps
Scandium	45-1	6731741	6712864	6658073	6700893	0.57	cps
Scandium	45-2	376180	375297	380923	377467	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	120	87	96	101	16.99	cps
Selenium	82-1	-63	-33	86	-3	-2302.69	cps
Silicon	28-1	205552	201682	201639	202958	1.11	cps
Silver	109-1	242	275	225	247	10.30	cps
Silver	107-1	325	317	267	303	10.42	cps
Sodium	23-2	94036	93716	94354	94035	0.34	cps
Strontium	86-1	1559	1600	1584	1581	1.33	cps
Strontium	88-1	1175	1300	1042	1172	11.02	cps
Sulfur	34-1	511277	510207	508014	509833	0.33	cps
Terbium	159-1	15013983	14965536	14802262	14927260	0.74	cps
Terbium	159-2	8624097	8571526	8505141	8566921	0.70	cps
Thallium	203-1	1333	1192	1200	1242	6.40	cps
Thallium	205-1	2784	2842	2742	2789	1.80	cps
Tin	118-1	4709	4476	4384	4523	3.71	cps
Titanium	47-1	283	242	183	236	21.28	cps
Uranium	238-1	183	167	117	156	22.30	cps
Vanadium	51-2	17	13	23	18	28.64	cps
Yttrium	89-1	11794442	11837414	11765367	11799074	0.31	cps
Yttrium	89-2	2037501	2044206	2058235	2046647	0.52	cps
Zinc	66-2	253	280	357	297	18.08	cps
Zirconium	90-1	1809	2084	1925	1939	7.12	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P7
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:34:40	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	367	383	375	2.22	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:38:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3359	3359	3242	3320	2.03	cps
Antimony	121-1	32113	31511	33048	32224	2.40	cps
Arsenic	75-2	611	663	665	646	4.72	cps
Barium	135-1	32823	33433	34018	33424	1.79	cps
Barium	137-1	60022	58114	59905	59347	1.80	cps
Beryllium	9-1	1783	1628	1711	1708	4.56	cps
Bismuth	209-1	9664722	9629002	9727859	9673861	0.52	cps
Bismuth	209-2	6340184	6349574	6433089	6374282	0.80	cps
Boron	10-1	6310	5876	6135	6107	3.57	cps
Boron	11-1	31125	30599	30941	30888	0.86	cps
Cadmium	111-1	6704	6585	6411	6567	2.24	cps
Cadmium	106-1	4534	4309	4109	4318	4.93	cps
Cadmium	108-1	363	296	267	308	15.93	cps
Calcium	43-1	18930	19130	20090	19383	3.20	cps
Calcium	44-1	415983	417580	418556	417373	0.31	cps
Chromium	52-2	13963	14914	14327	14402	3.33	cps
Cobalt	59-2	9090	9093	9146	9110	0.35	cps
Copper	63-2	14771	15091	15465	15109	2.30	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	67	142	75	94	43.53	cps
Erbium	164-2	47	30	37	38	22.21	cps
Gadolinium	160-1	125	200	150	158	24.12	cps
Gadolinium	160-2	140	190	150	160	16.54	cps
Holmium	165-1	14525022	14354275	14295279	14391525	0.83	cps
Holmium	165-2	8488161	8376247	8496377	8453595	0.79	cps
Indium	115-1	11841822	11800821	11905596	11849413	0.45	cps
Indium	115-2	2706951	2748121	2776569	2743880	1.28	cps
Iron	56-2	235367	235954	240091	237137	1.09	cps
Iron	57-2	6435	6251	5896	6194	4.43	cps
Lead	206-1	13691	14108	13963	13921	1.52	cps
Lead	207-1	12423	12323	12278	12341	0.60	cps
Lead	208-1	55057	55635	55758	55483	0.68	cps
Lithium	6-1	791345	791499	789790	790878	0.12	cps
Magnesium	24-2	168218	168536	171150	169301	0.95	cps
Manganese	55-2	3110	3254	3380	3248	4.16	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:38:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	30884	30951	31828	31221	1.69	cps
Molybdenum	95-1	36623	37057	35880	36520	1.63	cps
Molybdenum	96-1	41369	38988	40350	40236	2.97	cps
Molybdenum	97-1	24163	23220	23136	23506	2.43	cps
Molybdenum	98-1	59617	58806	60229	59550	1.20	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2654	2740	2820	2738	3.04	cps
Phosphorus	31-2	642	500	558	567	12.57	cps
Potassium	39-2	230522	232779	233500	232267	0.67	cps
Rhodium	103-1	11410526	11345788	11425857	11394057	0.37	cps
Rhodium	103-2	5999149	6030820	6052130	6027367	0.44	cps
Scandium	45-1	6710816	6735545	6798720	6748360	0.67	cps
Scandium	45-2	371944	375796	376620	374787	0.67	cps
Selenium	77-2	60	73	70	68	10.24	cps
Selenium	78-2	319	333	324	325	2.30	cps
Selenium	82-1	1371	1031	1273	1225	14.30	cps
Silicon	28-1	315081	315277	315080	315146	0.04	cps
Silver	109-1	19548	19339	18780	19222	2.07	cps
Silver	107-1	20215	20407	19931	20185	1.19	cps
Sodium	23-2	390625	392182	400731	394512	1.38	cps
Strontium	86-1	5968	5635	6485	6029	7.11	cps
Strontium	88-1	41060	39531	40007	40199	1.95	cps
Sulfur	34-1	497320	499604	502079	499667	0.48	cps
Terbium	159-1	15051723	14994568	15088631	15044974	0.32	cps
Terbium	159-2	8457722	8534045	8553869	8515212	0.60	cps
Thallium	203-1	15844	14417	15209	15157	4.72	cps
Thallium	205-1	36384	36877	36000	36420	1.21	cps
Tin	118-1	61444	62456	63402	62434	1.57	cps
Titanium	47-1	9812	9437	9579	9609	1.97	cps
Uranium	238-1	44009	43567	44085	43887	0.64	cps
Vanadium	51-2	19476	20214	20785	20158	3.25	cps
Yttrium	89-1	11934147	11809485	11908139	11883924	0.55	cps
Yttrium	89-2	2012793	2038996	2052376	2034722	0.99	cps
Zinc	66-2	2417	2277	2324	2339	3.05	cps
Zirconium	90-1	28655	28938	28362	28652	1.01	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:38:05	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	6027	6193	6627	6282	4.93	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BL	Instrumnet Name :	P7
Client Sample ID :	PB102718BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:41:30	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	333	317	347	11.34	cps
Antimony	121-1	2059	1934	1800	1931	6.69	cps
Arsenic	75-2	28	30	26	28	6.66	cps
Barium	135-1	58	75	25	53	48.24	cps
Barium	137-1	125	192	100	139	34.12	cps
Beryllium	9-1	44	50	67	54	21.53	cps
Bismuth	209-1	9663340	9555217	9575378	9597978	0.60	cps
Bismuth	209-2	6325540	6416521	6433970	6392010	0.91	cps
Boron	10-1	1333	1217	1283	1278	4.58	cps
Boron	11-1	5935	5618	5926	5826	3.10	cps
Cadmium	111-1	2814	2735	2705	2751	2.05	cps
Cadmium	106-1	3992	3884	3851	3909	1.90	cps
Cadmium	108-1	8	13	17	13	33.36	cps
Calcium	43-1	675	558	417	550	23.52	cps
Calcium	44-1	112165	113701	110107	111991	1.61	cps
Chromium	52-2	3094	2834	3020	2983	4.50	cps
Cobalt	59-2	160	127	173	153	15.68	cps
Copper	63-2	1840	1820	1933	1865	3.24	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	58	83	75	72	17.62	cps
Erbium	164-2	20	20	30	23	24.74	cps
Gadolinium	160-1	225	225	200	217	6.66	cps
Gadolinium	160-2	160	147	173	160	8.33	cps
Holmium	165-1	14391960	14430310	14331225	14384498	0.35	cps
Holmium	165-2	8504993	8525721	8408494	8479736	0.74	cps
Indium	115-1	11837039	11750718	11802325	11796694	0.37	cps
Indium	115-2	2749213	2770153	2778381	2765916	0.54	cps
Iron	56-2	9759	9731	9765	9752	0.18	cps
Iron	57-2	278	394	344	339	17.27	cps
Lead	206-1	2106	2089	2195	2130	2.67	cps
Lead	207-1	1756	1795	1695	1748	2.88	cps
Lead	208-1	8101	8357	8401	8286	1.95	cps
Lithium	6-1	786311	779939	774628	780293	0.75	cps
Magnesium	24-2	667	508	592	589	13.45	cps
Manganese	55-2	133	113	107	118	11.78	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BL	Instrumnet Name :	P7
Client Sample ID :	PB102718BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:41:30	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	692	917	842	817	14.03	cps
Molybdenum	95-1	542	692	542	592	14.64	cps
Molybdenum	96-1	625	883	825	778	17.42	cps
Molybdenum	97-1	292	417	458	389	22.30	cps
Molybdenum	98-1	950	975	1008	978	2.99	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	197	157	157	170	13.58	cps
Phosphorus	31-2	492	508	542	514	4.95	cps
Potassium	39-2	54192	55028	55312	54844	1.06	cps
Rhodium	103-1	11541568	11397497	11279947	11406337	1.15	cps
Rhodium	103-2	6056227	6118183	6146398	6106936	0.76	cps
Scandium	45-1	6764244	6766207	6719536	6749996	0.39	cps
Scandium	45-2	375190	380303	377643	377712	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	130	107	83	107	21.68	cps
Selenium	82-1	-38	-95	86	-15	-602.04	cps
Silicon	28-1	201404	197782	201152	200112	1.01	cps
Silver	109-1	192	200	175	189	6.74	cps
Silver	107-1	217	283	133	211	35.60	cps
Sodium	23-2	84119	84999	83239	84119	1.05	cps
Strontium	86-1	1642	1792	1700	1711	4.42	cps
Strontium	88-1	1100	1142	1083	1108	2.71	cps
Sulfur	34-1	512722	515827	514376	514308	0.30	cps
Terbium	159-1	15073969	14917043	14850271	14947094	0.77	cps
Terbium	159-2	8517219	8612454	8636209	8588628	0.73	cps
Thallium	203-1	883	783	817	828	6.15	cps
Thallium	205-1	1975	2092	1950	2006	3.77	cps
Tin	118-1	2792	2584	2950	2775	6.63	cps
Titanium	47-1	175	142	200	172	16.99	cps
Uranium	238-1	75	67	67	69	6.93	cps
Vanadium	51-2	20	33	17	23	37.78	cps
Yttrium	89-1	11885560	11848909	11732753	11822407	0.67	cps
Yttrium	89-2	2034065	2058547	2056645	2049753	0.66	cps
Zinc	66-2	277	303	247	276	10.29	cps
Zirconium	90-1	1408	1450	1759	1539	12.42	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BL	Instrumnet Name :	P7
Client Sample ID :	PB102718BL	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:41:30	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	342	242	267	283	18.37	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BS	Instrumnet Name :	P7
Client Sample ID :	PB102718BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:44:56	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	183	133	167	17.32	cps
Antimony	121-1	1433	1442	1759	1545	12.00	cps
Arsenic	75-2	20	19	19	19	5.58	cps
Barium	135-1	33	75	67	58	37.80	cps
Barium	137-1	83	133	92	103	26.06	cps
Beryllium	9-1	56	50	61	56	10.00	cps
Bismuth	209-1	9810514	9848301	9860941	9839919	0.27	cps
Bismuth	209-2	6251977	6381143	6407036	6346719	1.31	cps
Boron	10-1	1175	1108	900	1061	13.52	cps
Boron	11-1	5635	5259	5101	5332	5.14	cps
Cadmium	111-1	3158	2987	2933	3026	3.87	cps
Cadmium	106-1	4468	4217	4167	4284	3.75	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	467	492	417	458	8.33	cps
Calcium	44-1	110553	110706	109462	110240	0.62	cps
Chromium	52-2	2907	3044	2817	2923	3.91	cps
Cobalt	59-2	137	187	177	167	15.87	cps
Copper	63-2	1780	1843	1857	1827	2.24	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	33	17	50	33	50.00	cps
Erbium	164-2	27	23	27	26	7.55	cps
Gadolinium	160-1	208	125	117	150	33.79	cps
Gadolinium	160-2	137	167	143	149	10.58	cps
Holmium	165-1	14451951	14638263	14553850	14548021	0.64	cps
Holmium	165-2	8297335	8452945	8478963	8409748	1.17	cps
Indium	115-1	12014005	12048578	11949810	12004131	0.42	cps
Indium	115-2	2701385	2744063	2751069	2732172	0.98	cps
Iron	56-2	9264	8714	8658	8879	3.77	cps
Iron	57-2	344	300	311	319	7.26	cps
Lead	206-1	6236078	6260645	6274370	6257031	0.31	cps
Lead	207-1	5527840	5559228	5542148	5543072	0.28	cps
Lead	208-1	25438255	25582075	25440305	25486878	0.32	cps
Lithium	6-1	792186	807596	801049	800277	0.97	cps
Magnesium	24-2	267	283	233	261	9.75	cps
Manganese	55-2	137	110	130	126	11.05	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BS	Instrumnet Name :	P7
Client Sample ID :	PB102718BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:44:56	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	750	692	717	719	4.07	cps
Molybdenum	95-1	500	425	392	439	12.64	cps
Molybdenum	96-1	458	500	767	575	29.09	cps
Molybdenum	97-1	300	358	300	319	10.54	cps
Molybdenum	98-1	850	933	867	883	4.99	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	130	140	113	128	10.54	cps
Phosphorus	31-2	350	492	525	456	20.40	cps
Potassium	39-2	53046	53832	51749	52876	1.99	cps
Rhodium	103-1	11518829	11569372	11551614	11546605	0.22	cps
Rhodium	103-2	6031917	6108759	6078653	6073110	0.64	cps
Scandium	45-1	6796224	6900189	6876552	6857655	0.79	cps
Scandium	45-2	373125	378377	377084	376195	0.73	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	117	91	93	100	14.47	cps
Selenium	82-1	29	126	154	103	63.26	cps
Silicon	28-1	206439	206117	204520	205692	0.50	cps
Silver	109-1	200	225	158	194	17.32	cps
Silver	107-1	208	183	367	253	39.33	cps
Sodium	23-2	80466	80868	80885	80740	0.29	cps
Strontium	86-1	1609	1717	1592	1639	4.14	cps
Strontium	88-1	492	467	533	497	6.77	cps
Sulfur	34-1	533499	526760	527425	529228	0.70	cps
Terbium	159-1	15121012	15220390	15043431	15128278	0.59	cps
Terbium	159-2	8468158	8594563	8627505	8563409	0.98	cps
Thallium	203-1	792	842	817	817	3.06	cps
Thallium	205-1	1859	1709	1867	1811	4.92	cps
Tin	118-1	1967	2000	1992	1986	0.87	cps
Titanium	47-1	167	200	158	175	12.60	cps
Uranium	238-1	67	117	75	86	31.11	cps
Vanadium	51-2	13	3	13	10	57.75	cps
Yttrium	89-1	11936176	12098215	12072275	12035555	0.72	cps
Yttrium	89-2	2007206	2039940	2046561	2031236	1.04	cps
Zinc	66-2	240	377	390	336	24.74	cps
Zirconium	90-1	1092	1300	1367	1253	11.45	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	PB102718BS	Instrumnet Name :	P7
Client Sample ID :	PB102718BS	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:44:56	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	308	183	275	256	25.33	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01 Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:48:21 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15625	15834	16310	15923	2.20	cps
Antimony	121-1	27236	27411	27127	27258	0.53	cps
Arsenic	75-2	298	348	344	330	8.44	cps
Barium	135-1	64945	63454	62918	63772	1.65	cps
Barium	137-1	114066	115301	112083	113816	1.43	cps
Beryllium	9-1	78	72	44	65	27.55	cps
Bismuth	209-1	10397610	10374406	10437930	10403315	0.31	cps
Bismuth	209-2	6705161	6717147	6698411	6706906	0.14	cps
Boron	10-1	2142	1784	1842	1922	10.00	cps
Boron	11-1	10154	10404	10579	10379	2.06	cps
Cadmium	111-1	3092	3366	3078	3179	5.11	cps
Cadmium	106-1	4051	4334	3926	4104	5.10	cps
Cadmium	108-1	21	79	58	53	56.02	cps
Calcium	43-1	265796	269185	262465	265815	1.26	cps
Calcium	44-1	4442378	4486112	4441009	4456500	0.58	cps
Chromium	52-2	5698	5751	5588	5679	1.47	cps
Cobalt	59-2	1947	2170	2067	2061	5.42	cps
Copper	63-2	2939713	2937907	2934121	2937247	0.10	cps
Dysprosium	156-1	217	183	183	194	9.90	cps
Dysprosium	156-2	93	107	113	104	9.75	cps
Erbium	164-1	167	225	217	203	15.56	cps
Erbium	164-2	140	147	130	139	6.04	cps
Gadolinium	160-1	375	317	375	356	9.47	cps
Gadolinium	160-2	307	280	283	290	5.01	cps
Holmium	165-1	15268324	15317248	15190744	15258772	0.42	cps
Holmium	165-2	8736079	8783265	8705563	8741636	0.45	cps
Indium	115-1	12743930	12807815	12836684	12796143	0.37	cps
Indium	115-2	2832145	2837904	2859174	2843074	0.50	cps
Iron	56-2	676344	677973	680148	678155	0.28	cps
Iron	57-2	17433	17522	16871	17275	2.04	cps
Lead	206-1	117839	114977	116523	116446	1.23	cps
Lead	207-1	96286	94569	96056	95637	0.97	cps
Lead	208-1	454640	447130	448473	450081	0.89	cps
Lithium	6-1	852531	854323	845304	850719	0.56	cps
Magnesium	24-2	469586	468574	462822	466994	0.78	cps
Manganese	55-2	142287	141603	140850	141580	0.51	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:48:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3559	3442	3017	3339	8.54	cps
Molybdenum	95-1	683	750	767	733	6.01	cps
Molybdenum	96-1	1192	1183	1342	1239	7.19	cps
Molybdenum	97-1	450	533	392	458	15.53	cps
Molybdenum	98-1	1133	1125	1300	1186	8.32	cps
Neodymium	150-1	113	153	160	142	17.75	cps
Neodymium	150-2	73	53	83	70	21.83	cps
Nickel	60-2	766401	764045	758899	763115	0.50	cps
Phosphorus	31-2	6193	6177	6935	6435	6.73	cps
Potassium	39-2	267562	269543	264550	267218	0.94	cps
Rhodium	103-1	11934778	11919658	11962508	11938981	0.18	cps
Rhodium	103-2	6265714	6214693	6284631	6255013	0.58	cps
Scandium	45-1	7133636	7161838	7087136	7127537	0.53	cps
Scandium	45-2	384054	383202	383490	383582	0.11	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	111	85	109	102	14.20	cps
Selenium	82-1	89	115	-44	53	159.32	cps
Silicon	28-1	8999966	9118622	8954253	9024280	0.94	cps
Silver	109-1	4851	5485	5943	5426	10.11	cps
Silver	107-1	5318	5618	6443	5793	10.06	cps
Sodium	23-2	7331621	7373136	7293855	7332870	0.54	cps
Strontium	86-1	104973	104553	104998	104841	0.24	cps
Strontium	88-1	908989	908734	895942	904555	0.82	cps
Sulfur	34-1	594709	602087	602801	599866	0.75	cps
Terbium	159-1	15920516	15920224	15897113	15912618	0.08	cps
Terbium	159-2	8903883	8829537	8834129	8855849	0.47	cps
Thallium	203-1	3426	3434	2909	3256	9.24	cps
Thallium	205-1	8136	7027	7552	7572	7.33	cps
Tin	118-1	2849251	2875229	2888793	2871091	0.70	cps
Titanium	47-1	3876	3667	3609	3717	3.78	cps
Uranium	238-1	1425	1525	1292	1414	8.28	cps
Vanadium	51-2	617	603	673	631	5.89	cps
Yttrium	89-1	12526180	12503709	12411494	12480461	0.49	cps
Yttrium	89-2	2068579	2069320	2081356	2073085	0.35	cps
Zinc	66-2	517389	520629	519396	519138	0.32	cps
Zirconium	90-1	11225	7544	7411	8727	24.81	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:48:21	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1909	1617	1700	1742	8.63	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01DUP Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:51:46 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15876	16076	15834	15929	0.81	cps
Antimony	121-1	26259	26768	26835	26621	1.18	cps
Arsenic	75-2	315	313	311	313	0.59	cps
Barium	135-1	64726	63379	64786	64297	1.24	cps
Barium	137-1	115974	113108	114923	114668	1.26	cps
Beryllium	9-1	61	39	72	57	29.56	cps
Bismuth	209-1	10478460	10416079	10463183	10452574	0.31	cps
Bismuth	209-2	6637681	6569229	6605419	6604110	0.52	cps
Boron	10-1	1608	1984	1950	1847	11.24	cps
Boron	11-1	9612	9403	10237	9751	4.45	cps
Cadmium	111-1	3126	3150	2984	3087	2.90	cps
Cadmium	106-1	4009	4109	3792	3970	4.08	cps
Cadmium	108-1	67	92	113	90	25.42	cps
Calcium	43-1	261288	262702	263618	262536	0.45	cps
Calcium	44-1	4367462	4387097	4394369	4382976	0.32	cps
Chromium	52-2	5601	5454	5791	5616	3.01	cps
Cobalt	59-2	2044	2017	2100	2054	2.07	cps
Copper	63-2	2922926	2902616	2898241	2907927	0.45	cps
Dysprosium	156-1	242	208	133	194	28.54	cps
Dysprosium	156-2	90	127	77	98	26.48	cps
Erbium	164-1	358	208	192	253	36.31	cps
Erbium	164-2	83	107	133	108	23.22	cps
Gadolinium	160-1	300	283	333	306	8.33	cps
Gadolinium	160-2	240	297	240	259	12.64	cps
Holmium	165-1	15436131	15671149	15544095	15550458	0.76	cps
Holmium	165-2	8715508	8622564	8641379	8659817	0.57	cps
Indium	115-1	12652466	12675198	12716841	12681502	0.26	cps
Indium	115-2	2798170	2782720	2792158	2791016	0.28	cps
Iron	56-2	660108	659769	659937	659938	0.03	cps
Iron	57-2	17033	17238	16910	17060	0.97	cps
Lead	206-1	114701	115609	115637	115316	0.46	cps
Lead	207-1	94584	95296	94591	94824	0.43	cps
Lead	208-1	442302	442655	444418	443125	0.26	cps
Lithium	6-1	820369	825172	819365	821635	0.38	cps
Magnesium	24-2	459721	454625	454041	456129	0.68	cps
Manganese	55-2	139109	136012	137256	137459	1.13	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01DUP	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:51:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2450	2225	1959	2211	11.13	cps
Molybdenum	95-1	700	658	775	711	8.31	cps
Molybdenum	96-1	1150	1033	1042	1075	6.05	cps
Molybdenum	97-1	500	467	442	469	6.23	cps
Molybdenum	98-1	1208	1108	1117	1145	4.85	cps
Neodymium	150-1	240	213	140	198	26.18	cps
Neodymium	150-2	63	90	63	72	21.32	cps
Nickel	60-2	754748	751266	750478	752164	0.30	cps
Phosphorus	31-2	5810	5976	6302	6029	4.15	cps
Potassium	39-2	258329	256336	255598	256754	0.55	cps
Rhodium	103-1	12195612	11977933	12070223	12081256	0.90	cps
Rhodium	103-2	6226181	6187219	6136283	6183228	0.73	cps
Scandium	45-1	6890949	6986611	6961605	6946388	0.71	cps
Scandium	45-2	374834	372322	373568	373574	0.34	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	106	67	96	90	22.70	cps
Selenium	82-1	74	63	-18	40	127.24	cps
Silicon	28-1	8888574	8823124	8979366	8897022	0.88	cps
Silver	109-1	6127	6602	7294	6674	8.79	cps
Silver	107-1	6160	7094	7694	6983	11.07	cps
Sodium	23-2	7305938	7141781	7168159	7205293	1.22	cps
Strontium	86-1	104277	105696	105393	105122	0.71	cps
Strontium	88-1	908030	905099	912020	908383	0.38	cps
Sulfur	34-1	562841	572980	575042	570288	1.15	cps
Terbium	159-1	15903573	15749221	16099587	15917460	1.10	cps
Terbium	159-2	8851269	8660592	8636363	8716075	1.35	cps
Thallium	203-1	1342	1325	1175	1281	7.17	cps
Thallium	205-1	3334	3159	3142	3212	3.31	cps
Tin	118-1	2901947	2918762	2955704	2925471	0.94	cps
Titanium	47-1	3659	3592	3526	3592	1.86	cps
Uranium	238-1	1392	1575	1492	1486	6.18	cps
Vanadium	51-2	523	610	590	574	7.90	cps
Yttrium	89-1	12551316	12470204	12491096	12504206	0.34	cps
Yttrium	89-2	2039110	2038568	2030904	2036194	0.23	cps
Zinc	66-2	515394	510946	512125	512822	0.45	cps
Zirconium	90-1	4976	5135	4659	4923	4.91	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01DUP	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:51:46	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1083	1033	1100	1072	3.24	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	5
Date & Time Acquired ::	2017-09-29 11:55:11	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3317	3159	3376	3284	3.42	cps
Antimony	121-1	5893	5926	5643	5821	2.66	cps
Arsenic	75-2	85	91	80	85	6.52	cps
Barium	135-1	12181	11672	12498	12117	3.44	cps
Barium	137-1	21342	20624	21359	21108	1.99	cps
Beryllium	9-1	56	50	78	61	24.05	cps
Bismuth	209-1	9793698	9717326	9752477	9754500	0.39	cps
Bismuth	209-2	6195667	6301807	6314626	6270700	1.04	cps
Boron	10-1	733	867	1042	881	17.56	cps
Boron	11-1	4901	5268	4884	5018	4.32	cps
Cadmium	111-1	2990	2703	2815	2836	5.11	cps
Cadmium	106-1	4101	3726	3901	3909	4.80	cps
Cadmium	108-1	38	38	46	40	11.94	cps
Calcium	43-1	48833	48698	47988	48506	0.94	cps
Calcium	44-1	886854	886218	873856	882309	0.83	cps
Chromium	52-2	3387	3587	3587	3520	3.28	cps
Cobalt	59-2	550	410	503	488	14.61	cps
Copper	63-2	544034	552332	547862	548076	0.76	cps
Dysprosium	156-1	50	50	33	44	21.66	cps
Dysprosium	156-2	23	43	23	30	38.49	cps
Erbium	164-1	83	75	50	69	24.98	cps
Erbium	164-2	40	23	47	37	32.79	cps
Gadolinium	160-1	183	217	192	197	8.80	cps
Gadolinium	160-2	143	147	167	152	8.29	cps
Holmium	165-1	14300464	14365685	14444660	14370270	0.50	cps
Holmium	165-2	8180917	8382793	8391387	8318366	1.43	cps
Indium	115-1	11955278	11782610	11800459	11846116	0.80	cps
Indium	115-2	2609881	2643657	2652674	2635404	0.86	cps
Iron	56-2	132005	133030	131415	132150	0.62	cps
Iron	57-2	3567	3528	3584	3560	0.80	cps
Lead	206-1	25586	24506	24145	24746	3.03	cps
Lead	207-1	20733	20461	20121	20438	1.50	cps
Lead	208-1	95801	94225	93931	94653	1.06	cps
Lithium	6-1	768569	762396	769756	766907	0.52	cps
Magnesium	24-2	84456	86608	85811	85625	1.27	cps
Manganese	55-2	26127	26143	26137	26136	0.03	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	5
Date & Time Acquired ::	2017-09-29 11:55:11	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	44420	44311	43877	44203	0.65	cps
Molybdenum	95-1	76472	77033	76430	76645	0.44	cps
Molybdenum	96-1	83351	80108	81583	81681	1.99	cps
Molybdenum	97-1	48576	47923	47530	48010	1.10	cps
Molybdenum	98-1	125574	123784	124859	124739	0.72	cps
Neodymium	150-1	47	40	53	47	14.29	cps
Neodymium	150-2	10	17	17	14	26.66	cps
Nickel	60-2	142124	141647	143841	142537	0.81	cps
Phosphorus	31-2	1358	1642	1709	1570	11.84	cps
Potassium	39-2	86837	86184	87315	86778	0.65	cps
Rhodium	103-1	11129865	11124243	11329459	11194522	1.04	cps
Rhodium	103-2	5919529	5921043	5951872	5930814	0.31	cps
Scandium	45-1	6581323	6480954	6529024	6530434	0.77	cps
Scandium	45-2	353133	356237	357010	355460	0.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	96	98	109	101	6.92	cps
Selenium	82-1	27	-16	31	14	184.07	cps
Silicon	28-1	1901045	1893736	1914047	1902943	0.54	cps
Silver	109-1	2075	2100	1900	2025	5.38	cps
Silver	107-1	2250	2200	2559	2336	8.31	cps
Sodium	23-2	1379031	1409609	1396225	1394955	1.10	cps
Strontium	86-1	20924	20157	21008	20696	2.27	cps
Strontium	88-1	168486	168621	167771	168293	0.27	cps
Sulfur	34-1	512073	512981	511833	512296	0.12	cps
Terbium	159-1	15035623	14818014	14923908	14925848	0.73	cps
Terbium	159-2	8426276	8334166	8480397	8413613	0.88	cps
Thallium	203-1	367	325	400	364	10.33	cps
Thallium	205-1	1092	1033	1042	1056	2.99	cps
Tin	118-1	542818	538669	544228	541905	0.53	cps
Titanium	47-1	917	808	925	883	7.37	cps
Uranium	238-1	250	317	283	283	11.77	cps
Vanadium	51-2	117	113	167	132	22.59	cps
Yttrium	89-1	11702893	11559091	11579337	11613774	0.67	cps
Yttrium	89-2	1920915	1935435	1939116	1931822	0.50	cps
Zinc	66-2	93443	96010	97023	95492	1.93	cps
Zirconium	90-1	1342	1734	1517	1531	12.82	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01LX5	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	5
Date & Time Acquired ::	2017-09-29 11:55:11	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	367	367	267	333	17.32	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01MS Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 11:58:38 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	332504	331243	329137	330961	0.51	cps
Antimony	121-1	16348525	16366048	16298576	16337716	0.21	cps
Arsenic	75-2	561601	562033	563371	562335	0.16	cps
Barium	135-1	881725	881371	880496	881197	0.07	cps
Barium	137-1	1536514	1544773	1538833	1540040	0.28	cps
Beryllium	9-1	371721	369706	366268	369232	0.75	cps
Bismuth	209-1	10417838	10489499	10377875	10428404	0.54	cps
Bismuth	209-2	6513397	6592502	6507354	6537751	0.73	cps
Boron	10-1	70373	71972	72407	71584	1.50	cps
Boron	11-1	359208	366885	366394	364162	1.18	cps
Cadmium	111-1	930472	920967	928764	926734	0.55	cps
Cadmium	106-1	86321	86179	86531	86344	0.20	cps
Cadmium	108-1	62755	62429	62985	62723	0.45	cps
Calcium	43-1	303598	303423	301199	302740	0.44	cps
Calcium	44-1	5020520	5018403	4974091	5004338	0.52	cps
Chromium	52-2	2280276	2287259	2285575	2284370	0.16	cps
Cobalt	59-2	1961508	1960802	1956090	1959467	0.15	cps
Copper	63-2	5011983	5025954	4985046	5007661	0.42	cps
Dysprosium	156-1	777922	781774	772457	777384	0.60	cps
Dysprosium	156-2	165988	168488	167286	167254	0.75	cps
Erbium	164-1	250	150	242	214	25.94	cps
Erbium	164-2	127	153	113	131	15.53	cps
Gadolinium	160-1	458	600	633	564	16.48	cps
Gadolinium	160-2	390	353	283	342	15.84	cps
Holmium	165-1	15176221	15182572	15184346	15181047	0.03	cps
Holmium	165-2	8491772	8593788	8463562	8516374	0.80	cps
Indium	115-1	12167478	11990158	12102719	12086785	0.74	cps
Indium	115-2	2589806	2616495	2598220	2601507	0.52	cps
Iron	56-2	15761332	15674361	15553131	15662941	0.67	cps
Iron	57-2	384447	381804	379591	381947	0.64	cps
Lead	206-1	14730356	14707758	14607789	14681968	0.44	cps
Lead	207-1	13057726	13160258	13042115	13086700	0.49	cps
Lead	208-1	58411674	58564616	58130117	58368802	0.38	cps
Lithium	6-1	874972	878545	873115	875544	0.32	cps
Magnesium	24-2	1190912	1191060	1183419	1188464	0.37	cps
Manganese	55-2	779225	780108	778584	779305	0.10	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01MS	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:58:38	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2096774	2097254	2087563	2093863	0.26	cps
Molybdenum	95-1	3680137	3680066	3674028	3678077	0.10	cps
Molybdenum	96-1	3943453	3948997	3936449	3942967	0.16	cps
Molybdenum	97-1	2296436	2302330	2297810	2298858	0.13	cps
Molybdenum	98-1	6267890	6214119	6151358	6211122	0.94	cps
Neodymium	150-1	320	247	227	264	18.58	cps
Neodymium	150-2	97	93	123	104	15.74	cps
Nickel	60-2	2049162	2049544	2048197	2048968	0.03	cps
Phosphorus	31-2	61662	62448	60700	61603	1.42	cps
Potassium	39-2	4004146	3970265	3977397	3983936	0.45	cps
Rhodium	103-1	11771772	11703619	11582097	11685829	0.82	cps
Rhodium	103-2	6029511	6063078	5992298	6028296	0.59	cps
Scandium	45-1	6797276	6791046	6795399	6794573	0.05	cps
Scandium	45-2	354538	355332	352206	354026	0.46	cps
Selenium	77-2	29768	29854	30335	29986	1.02	cps
Selenium	78-2	100588	101655	100094	100779	0.79	cps
Selenium	82-1	573272	572535	570332	572046	0.27	cps
Silicon	28-1	17080513	17178081	16977623	17078739	0.59	cps
Silver	109-1	1651115	1643798	1644778	1646564	0.24	cps
Silver	107-1	1722373	1716096	1716331	1718267	0.21	cps
Sodium	23-2	8868871	8754624	8728727	8784074	0.85	cps
Strontium	86-1	1129705	1129738	1126155	1128533	0.18	cps
Strontium	88-1	10000126	9973669	9985066	9986287	0.13	cps
Sulfur	34-1	534057	523276	517000	524778	1.64	cps
Terbium	159-1	15706481	15793826	15821026	15773778	0.38	cps
Terbium	159-2	8665482	8670185	8655993	8663887	0.08	cps
Thallium	203-1	35458397	35327008	35437746	35407717	0.20	cps
Thallium	205-1	83964877	83460552	83157756	83527728	0.49	cps
Tin	118-1	13780472	13727756	13823406	13777211	0.35	cps
Titanium	47-1	485811	482080	481636	483175	0.47	cps
Uranium	238-1	1358	1492	1450	1433	4.76	cps
Vanadium	51-2	1348093	1354777	1345658	1349509	0.35	cps
Yttrium	89-1	12111689	12074010	12251866	12145855	0.77	cps
Yttrium	89-2	1949547	1958014	1946378	1951313	0.31	cps
Zinc	66-2	704422	707668	701707	704599	0.42	cps
Zirconium	90-1	17153	14133	13240	14842	13.82	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01MS	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 11:58:38	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5493	5201	4934	5210	5.36	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01MSD Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:01:59 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	322401	314237	300853	312497	3.48	cps
Antimony	121-1	14957010	14922064	14790196	14889757	0.59	cps
Arsenic	75-2	542148	534394	519140	531894	2.20	cps
Barium	135-1	858142	850838	850726	853235	0.50	cps
Barium	137-1	1491029	1476336	1497857	1488408	0.74	cps
Beryllium	9-1	352732	346305	345778	348272	1.11	cps
Bismuth	209-1	10403081	10502733	10475832	10460548	0.49	cps
Bismuth	209-2	294590	3739254	6377436	3470427	87.89	cps
Boron	10-1	68941	69552	71536	70010	1.94	cps
Boron	11-1	366032	362983	362014	363676	0.58	cps
Cadmium	111-1	900281	894138	894685	896368	0.38	cps
Cadmium	106-1	83042	83168	83638	83283	0.38	cps
Cadmium	108-1	59374	59575	59637	59529	0.23	cps
Calcium	43-1	285390	284903	283048	284447	0.43	cps
Calcium	44-1	4719743	4668149	4654978	4680956	0.73	cps
Chromium	52-2	2206930	2186274	2108240	2167148	2.40	cps
Cobalt	59-2	1894480	1872535	1805237	1857417	2.50	cps
Copper	63-2	4866087	4776321	4636341	4759583	2.43	cps
Dysprosium	156-1	737761	736250	732525	735512	0.37	cps
Dysprosium	156-2	158572	156755	151005	155444	2.54	cps
Erbium	164-1	242	242	317	267	16.24	cps
Erbium	164-2	137	167	140	148	11.13	cps
Gadolinium	160-1	500	600	400	500	20.00	cps
Gadolinium	160-2	173	237	320	243	30.23	cps
Holmium	165-1	15133420	15066390	15128464	15109425	0.25	cps
Holmium	165-2	135645	4907825	8300991	4448153	92.22	cps
Indium	115-1	11890647	12091457	11994165	11992089	0.84	cps
Indium	115-2	15188	1435861	2501511	1317520	94.68	cps
Iron	56-2	15224045	14991853	14402679	14872859	2.85	cps
Iron	57-2	370979	362711	353590	362427	2.40	cps
Lead	206-1	14572816	14365348	14423260	14453808	0.74	cps
Lead	207-1	13086704	12868120	12807855	12920893	1.14	cps
Lead	208-1	58074762	57449020	57554039	57692607	0.58	cps
Lithium	6-1	853329	864863	866355	861516	0.83	cps
Magnesium	24-2	1137076	1117380	1085061	1113172	2.36	cps
Manganese	55-2	747175	743184	715691	735350	2.33	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01MSD	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:01:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1891235	1875620	1877154	1881336	0.46	cps
Molybdenum	95-1	3319665	3305538	3270648	3298617	0.76	cps
Molybdenum	96-1	3566941	3562154	3542862	3557319	0.36	cps
Molybdenum	97-1	2077452	2071039	2052036	2066842	0.64	cps
Molybdenum	98-1	5389763	5382167	5347561	5373163	0.42	cps
Neodymium	150-1	187	180	307	224	31.76	cps
Neodymium	150-2	113	93	87	98	14.19	cps
Nickel	60-2	1960780	1941817	1888245	1930281	1.95	cps
Phosphorus	31-2	58800	58724	55839	57788	2.92	cps
Potassium	39-2	3852058	3783069	3639349	3758159	2.89	cps
Rhodium	103-1	11382155	11392422	11552297	11442291	0.83	cps
Rhodium	103-2	99977	3351358	5829859	3093732	92.89	cps
Scandium	45-1	6545868	6636938	6595969	6592925	0.69	cps
Scandium	45-2	13650	181938	331911	175833	90.55	cps
Selenium	77-2	28505	27930	27009	27815	2.71	cps
Selenium	78-2	95702	93970	91562	93745	2.22	cps
Selenium	82-1	549713	545181	544745	546546	0.50	cps
Silicon	28-1	15743330	15970697	15498174	15737400	1.50	cps
Silver	109-1	1591784	1597743	1592626	1594051	0.20	cps
Silver	107-1	1669583	1657373	1662692	1663216	0.37	cps
Sodium	23-2	8496242	8435230	7982928	8304800	3.38	cps
Strontium	86-1	1081252	1076574	1081064	1079630	0.25	cps
Strontium	88-1	9587146	9590591	9513235	9563657	0.46	cps
Sulfur	34-1	471577	471182	461749	468170	1.19	cps
Terbium	159-1	15688897	15928494	15776579	15797990	0.77	cps
Terbium	159-2	151023	4888287	8409197	4482836	92.44	cps
Thallium	203-1	34976204	34757773	34677159	34803712	0.44	cps
Thallium	205-1	82412204	82821533	82990416	82741384	0.36	cps
Tin	118-1	12698600	12846175	12680987	12741921	0.71	cps
Titanium	47-1	432607	432031	426821	430486	0.74	cps
Uranium	238-1	1492	1367	1433	1431	4.37	cps
Vanadium	51-2	1310078	1303593	1250380	1288017	2.54	cps
Yttrium	89-1	11821666	11945966	11993259	11920297	0.74	cps
Yttrium	89-2	31675	1074128	1861028	988944	92.79	cps
Zinc	66-2	679751	663767	648129	663883	2.38	cps
Zirconium	90-1	6802	6869	6152	6607	5.99	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01MSD	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:01:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2925	3159	2634	2906	9.05	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-01A Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:05:23 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304221	303874	301174	303090	0.55	cps
Antimony	121-1	15649488	15600874	15480297	15576886	0.56	cps
Arsenic	75-2	521979	523511	521805	522432	0.18	cps
Barium	135-1	864937	864532	853057	860842	0.78	cps
Barium	137-1	1508619	1503984	1493877	1502160	0.50	cps
Beryllium	9-1	351135	348689	346067	348630	0.73	cps
Bismuth	209-1	10643474	10504401	10511658	10553178	0.74	cps
Bismuth	209-2	6348593	6334662	6392858	6358705	0.48	cps
Boron	10-1	68749	70791	70783	70108	1.68	cps
Boron	11-1	361172	367556	361332	363354	1.00	cps
Cadmium	111-1	899537	892998	893320	895285	0.41	cps
Cadmium	106-1	82741	81401	82734	82292	0.94	cps
Cadmium	108-1	59742	59642	59939	59774	0.25	cps
Calcium	43-1	283882	283046	280706	282545	0.58	cps
Calcium	44-1	4670253	4684887	4627453	4660864	0.64	cps
Chromium	52-2	2108618	2121029	2115919	2115189	0.29	cps
Cobalt	59-2	1814223	1818326	1812161	1814903	0.17	cps
Copper	63-2	4653540	4649306	4665666	4656171	0.18	cps
Dysprosium	156-1	751000	743606	740945	745184	0.70	cps
Dysprosium	156-2	155548	156128	156670	156115	0.36	cps
Erbium	164-1	233	283	258	258	9.68	cps
Erbium	164-2	183	157	180	173	8.38	cps
Gadolinium	160-1	583	617	600	600	2.78	cps
Gadolinium	160-2	363	387	257	336	20.66	cps
Holmium	165-1	15302038	15287768	15132287	15240698	0.62	cps
Holmium	165-2	8303334	8315927	8272847	8297370	0.27	cps
Indium	115-1	11919947	11819234	11841851	11860344	0.45	cps
Indium	115-2	2474451	2470574	2486221	2477082	0.33	cps
Iron	56-2	14545751	14440700	14285039	14423830	0.91	cps
Iron	57-2	355404	350612	350069	352028	0.83	cps
Lead	206-1	14737404	14792114	14574043	14701187	0.77	cps
Lead	207-1	13219451	13087036	13078108	13128198	0.60	cps
Lead	208-1	58776877	58238329	58268278	58427828	0.52	cps
Lithium	6-1	866347	868863	856438	863883	0.76	cps
Magnesium	24-2	1088132	1089267	1084294	1087231	0.24	cps
Manganese	55-2	719134	717648	712411	716398	0.49	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01A	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:05:23	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1978097	1961726	1946668	1962164	0.80	cps
Molybdenum	95-1	3476405	3441132	3404087	3440542	1.05	cps
Molybdenum	96-1	3733426	3694561	3691838	3706608	0.63	cps
Molybdenum	97-1	2162182	2152218	2136425	2150275	0.60	cps
Molybdenum	98-1	5893321	5764689	5729635	5795882	1.49	cps
Neodymium	150-1	240	253	233	242	4.21	cps
Neodymium	150-2	133	73	113	107	28.65	cps
Nickel	60-2	1893802	1890746	1898566	1894371	0.21	cps
Phosphorus	31-2	56165	55805	54099	55356	1.99	cps
Potassium	39-2	3619474	3608469	3603805	3610583	0.22	cps
Rhodium	103-1	11445959	11321452	11269649	11345687	0.80	cps
Rhodium	103-2	5722202	5744631	5772350	5746394	0.44	cps
Scandium	45-1	6451072	6450349	6398947	6433456	0.46	cps
Scandium	45-2	326912	325499	327008	326473	0.26	cps
Selenium	77-2	26989	27069	27740	27266	1.51	cps
Selenium	78-2	90573	92650	91912	91712	1.15	cps
Selenium	82-1	546353	546877	539235	544155	0.78	cps
Silicon	28-1	15899144	15823253	15570422	15764273	1.09	cps
Silver	109-1	1602667	1597986	1590014	1596889	0.40	cps
Silver	107-1	1675375	1669218	1653881	1666158	0.66	cps
Sodium	23-2	8090464	8076747	8049209	8072140	0.26	cps
Strontium	86-1	1081215	1082086	1068108	1077137	0.73	cps
Strontium	88-1	9614824	9422347	9469176	9502116	1.06	cps
Sulfur	34-1	461863	456224	456340	458143	0.70	cps
Terbium	159-1	15942560	15677864	15876417	15832281	0.87	cps
Terbium	159-2	8396526	8383941	8407373	8395947	0.14	cps
Thallium	203-1	35660883	35495600	35455387	35537290	0.31	cps
Thallium	205-1	83955875	83276964	83757846	83663562	0.42	cps
Tin	118-1	13317721	13147939	13079179	13181613	0.93	cps
Titanium	47-1	447256	435270	436449	439659	1.50	cps
Uranium	238-1	1875	1700	1700	1759	5.75	cps
Vanadium	51-2	1253997	1248126	1253633	1251919	0.26	cps
Yttrium	89-1	11904523	11793276	11584982	11760927	1.38	cps
Yttrium	89-2	1827468	1825584	1826175	1826409	0.05	cps
Zinc	66-2	651582	653013	654566	653054	0.23	cps
Zirconium	90-1	5443	5776	5209	5476	5.20	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-01A	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:05:23	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2775	2709	2492	2659	5.57	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-02 Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:08:44 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2117	1909	1925	1984	5.84	cps
Antimony	121-1	30885	30860	29048	30264	3.48	cps
Arsenic	75-2	317	357	354	343	6.58	cps
Barium	135-1	61989	61269	60340	61199	1.35	cps
Barium	137-1	105508	105876	104459	105281	0.70	cps
Beryllium	9-1	56	106	83	81	30.74	cps
Bismuth	209-1	10475009	10440665	10401572	10439082	0.35	cps
Bismuth	209-2	6289839	6331489	6212820	6278049	0.96	cps
Boron	10-1	4134	4109	4292	4179	2.38	cps
Boron	11-1	20907	21499	19580	20662	4.76	cps
Cadmium	111-1	2928	2639	2977	2848	6.41	cps
Cadmium	106-1	3959	3567	3959	3828	5.91	cps
Cadmium	108-1	21	29	33	28	22.92	cps
Calcium	43-1	229757	224344	227600	227234	1.20	cps
Calcium	44-1	3816870	3786925	3776176	3793324	0.56	cps
Chromium	52-2	6115	6292	6058	6155	1.98	cps
Cobalt	59-2	327	413	333	358	13.48	cps
Copper	63-2	243346	243750	242899	243332	0.17	cps
Dysprosium	156-1	192	275	208	225	19.60	cps
Dysprosium	156-2	60	63	57	60	5.55	cps
Erbium	164-1	125	183	92	133	34.80	cps
Erbium	164-2	67	63	63	64	2.99	cps
Gadolinium	160-1	258	183	200	214	18.41	cps
Gadolinium	160-2	190	190	173	184	5.22	cps
Holmium	165-1	15131143	15159501	14925089	15071911	0.85	cps
Holmium	165-2	8270724	8249333	8153624	8224561	0.76	cps
Indium	115-1	12214378	12090587	12168164	12157710	0.51	cps
Indium	115-2	2536954	2545144	2543392	2541830	0.17	cps
Iron	56-2	169264	170515	167647	169142	0.85	cps
Iron	57-2	4523	4706	4551	4593	2.15	cps
Lead	206-1	17050	16338	16633	16674	2.15	cps
Lead	207-1	13035	13785	13168	13329	3.01	cps
Lead	208-1	63633	63405	62614	63217	0.85	cps
Lithium	6-1	800601	802145	788360	797036	0.95	cps
Magnesium	24-2	384674	381564	377063	381101	1.00	cps
Manganese	55-2	56150	56197	55705	56017	0.48	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-02	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:08:44	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3492	3392	3025	3303	7.44	cps
Molybdenum	95-1	5018	4551	4301	4623	7.87	cps
Molybdenum	96-1	5818	5009	5360	5396	7.52	cps
Molybdenum	97-1	2959	3067	2650	2892	7.48	cps
Molybdenum	98-1	7677	7711	6794	7394	7.04	cps
Neodymium	150-1	87	40	40	56	48.50	cps
Neodymium	150-2	43	23	13	27	57.29	cps
Nickel	60-2	15629	15532	15245	15468	1.29	cps
Phosphorus	31-2	5835	5626	5835	5765	2.09	cps
Potassium	39-2	218613	217260	216033	217302	0.59	cps
Rhodium	103-1	11428190	11246574	11345977	11340247	0.80	cps
Rhodium	103-2	5773147	5728430	5711001	5737526	0.56	cps
Scandium	45-1	6377435	6361359	6365057	6367951	0.13	cps
Scandium	45-2	323441	322914	323645	323333	0.12	cps
Selenium	77-2	20	7	10	12	56.76	cps
Selenium	78-2	98	109	107	105	5.67	cps
Selenium	82-1	240	72	85	132	70.48	cps
Silicon	28-1	7764489	7536664	7525551	7608902	1.77	cps
Silver	109-1	6393	7044	7444	6960	7.62	cps
Silver	107-1	6235	6902	7986	7041	12.55	cps
Sodium	23-2	6262071	6181999	6155828	6199966	0.89	cps
Strontium	86-1	92589	92388	91658	92212	0.53	cps
Strontium	88-1	801197	794769	797400	797789	0.41	cps
Sulfur	34-1	480019	483156	488380	483851	0.87	cps
Terbium	159-1	15733154	15546240	15668606	15649333	0.61	cps
Terbium	159-2	8358683	8342391	8287894	8329656	0.45	cps
Thallium	203-1	4926	4759	4409	4698	5.61	cps
Thallium	205-1	11797	10972	9679	10816	9.87	cps
Tin	118-1	98410	97344	94945	96899	1.83	cps
Titanium	47-1	1250	1417	1400	1356	6.77	cps
Uranium	238-1	1008	900	1117	1008	10.74	cps
Vanadium	51-2	477	420	407	434	8.56	cps
Yttrium	89-1	11718259	11645417	11667898	11677191	0.32	cps
Yttrium	89-2	1816750	1813316	1796194	1808753	0.61	cps
Zinc	66-2	22023	22407	22160	22197	0.88	cps
Zirconium	90-1	1450	1475	1509	1478	1.98	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-02	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:08:44	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	358	383	300	347	12.32	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:12:09	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7884130	7975788	7954105	7938008	0.60	cps
Antimony	121-1	7799954	7889566	7910857	7866792	0.75	cps
Arsenic	75-2	304382	309315	310079	307925	1.00	cps
Barium	135-1	9073898	9119837	9063008	9085581	0.33	cps
Barium	137-1	15479221	15672433	15593588	15581748	0.62	cps
Beryllium	9-1	768765	764649	770136	767850	0.37	cps
Bismuth	209-1	9040918	9089925	8946935	9025926	0.81	cps
Bismuth	209-2	5561909	5691677	5613962	5622516	1.16	cps
Boron	10-1	105290	106154	106776	106073	0.70	cps
Boron	11-1	543283	554434	557717	551811	1.37	cps
Cadmium	111-1	1848333	1874258	1871659	1864750	0.77	cps
Cadmium	106-1	207252	209069	212496	209606	1.27	cps
Cadmium	108-1	135725	138224	138165	137371	1.04	cps
Calcium	43-1	9397201	9600668	9678173	9558681	1.52	cps
Calcium	44-1	151561795	154491103	156341683	154131527	1.56	cps
Chromium	52-2	2504869	2540169	2558961	2534666	1.08	cps
Cobalt	59-2	4059945	4115416	4128612	4101324	0.89	cps
Copper	63-2	6167681	6201294	6220791	6196589	0.43	cps
Dysprosium	156-1	333	258	400	331	21.44	cps
Dysprosium	156-2	153	147	180	160	11.02	cps
Erbium	164-1	125	100	108	111	11.46	cps
Erbium	164-2	70	63	73	69	7.40	cps
Gadolinium	160-1	250	317	358	308	17.72	cps
Gadolinium	160-2	200	237	253	230	11.86	cps
Holmium	165-1	14228114	14401997	14126157	14252089	0.98	cps
Holmium	165-2	8021058	8121858	8033116	8058677	0.68	cps
Indium	115-1	10866683	10941298	10857454	10888478	0.42	cps
Indium	115-2	2392480	2451639	2443080	2429066	1.32	cps
Iron	56-2	551327368	559977657	561632279	557645768	0.99	cps
Iron	57-2	13726262	13794040	13848334	13789545	0.44	cps
Lead	206-1	5816119	5823683	5758516	5799439	0.61	cps
Lead	207-1	5139879	5106854	5061922	5102885	0.77	cps
Lead	208-1	23649689	23469379	23355522	23491530	0.63	cps
Lithium	6-1	740584	728691	727579	732285	0.98	cps
Magnesium	24-2	86016775	86967000	86816181	86599985	0.59	cps
Manganese	55-2	2888192	2938017	2958741	2928316	1.24	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:12:09	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7077020	7235470	7197914	7170135	1.15	cps
Molybdenum	95-1	3740612	3804136	3844452	3796400	1.38	cps
Molybdenum	96-1	4833772	4920749	4931755	4895425	1.10	cps
Molybdenum	97-1	2344669	2402568	2392166	2379801	1.30	cps
Molybdenum	98-1	6367076	6364826	6470776	6400893	0.95	cps
Neodymium	150-1	580	687	607	624	8.89	cps
Neodymium	150-2	130	137	120	129	6.51	cps
Nickel	60-2	1089478	1106885	1113837	1103400	1.14	cps
Phosphorus	31-2	90113	90080	91178	90457	0.69	cps
Potassium	39-2	43708976	44524528	44887469	44373658	1.36	cps
Rhodium	103-1	9997593	10117497	10114019	10076370	0.68	cps
Rhodium	103-2	5268846	5344421	5310044	5307770	0.71	cps
Scandium	45-1	6184626	6304253	6288501	6259127	1.04	cps
Scandium	45-2	345032	352487	349400	348973	1.07	cps
Selenium	77-2	6181	6658	6422	6420	3.71	cps
Selenium	78-2	20696	21108	21512	21106	1.93	cps
Selenium	82-1	111126	112768	112738	112211	0.84	cps
Silicon	28-1	4343169	4422556	4496464	4420730	1.73	cps
Silver	109-1	8704007	8970999	8934285	8869764	1.63	cps
Silver	107-1	9156051	9279062	9348704	9261273	1.05	cps
Sodium	23-2	154600762	156517204	157007695	156041887	0.82	cps
Strontium	86-1	2330816	2346687	2369267	2348923	0.82	cps
Strontium	88-1	20706971	20640199	20984490	20777220	0.88	cps
Sulfur	34-1	1078272	1097806	1114743	1096940	1.66	cps
Terbium	159-1	14734018	14665661	14745871	14715184	0.29	cps
Terbium	159-2	8168200	8236122	8190574	8198299	0.42	cps
Thallium	203-1	7292550	7339439	7253078	7295022	0.59	cps
Thallium	205-1	17202031	17225230	17226874	17218045	0.08	cps
Tin	118-1	6127363	6400412	6344577	6290784	2.29	cps
Titanium	47-1	968195	976896	984280	976457	0.82	cps
Uranium	238-1	25947671	25681334	25681638	25770214	0.60	cps
Vanadium	51-2	2011634	2042366	2053061	2035687	1.06	cps
Yttrium	89-1	10980896	11041409	11084842	11035716	0.47	cps
Yttrium	89-2	1855486	1885072	1885122	1875227	0.91	cps
Zinc	66-2	909410	927268	920081	918920	0.98	cps
Zirconium	90-1	13150973	13421202	13414350	13328842	1.16	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P7
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:12:09	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2895108	2948419	2954696	2932741	1.12	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P7
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:15:33 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250	317	325	297	13.83	cps
Antimony	121-1	19690	19064	17461	18738	6.13	cps
Arsenic	75-2	111	113	109	111	1.67	cps
Barium	135-1	142	125	150	139	9.16	cps
Barium	137-1	200	292	242	244	18.78	cps
Beryllium	9-1	139	111	100	117	17.17	cps
Bismuth	209-1	9727213	9733051	9705105	9721790	0.15	cps
Bismuth	209-2	6147199	6219013	6234549	6200253	0.75	cps
Boron	10-1	3642	3534	3392	3523	3.56	cps
Boron	11-1	19029	17761	17160	17984	5.31	cps
Cadmium	111-1	2998	3092	2781	2957	5.41	cps
Cadmium	106-1	4167	4293	3851	4104	5.55	cps
Cadmium	108-1	33	42	33	36	13.33	cps
Calcium	43-1	658	700	533	631	13.76	cps
Calcium	44-1	115523	112795	114676	114331	1.22	cps
Chromium	52-2	3447	3124	3367	3313	5.08	cps
Cobalt	59-2	127	103	120	117	10.30	cps
Copper	63-2	3637	3487	3497	3540	2.37	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	17	42	58	39	53.93	cps
Erbium	164-2	33	23	17	24	34.31	cps
Gadolinium	160-1	133	217	142	164	28.00	cps
Gadolinium	160-2	150	133	160	148	9.11	cps
Holmium	165-1	14446755	14386010	14369564	14400776	0.28	cps
Holmium	165-2	8300814	8254219	8391187	8315406	0.84	cps
Indium	115-1	11728435	11548115	11644343	11640297	0.78	cps
Indium	115-2	2605950	2602232	2646418	2618200	0.94	cps
Iron	56-2	16254	15570	16282	16035	2.51	cps
Iron	57-2	494	489	428	470	7.87	cps
Lead	206-1	4673	4145	4167	4329	6.90	cps
Lead	207-1	3840	3778	3862	3827	1.13	cps
Lead	208-1	18039	17477	17311	17609	2.17	cps
Lithium	6-1	764437	766159	773724	768107	0.64	cps
Magnesium	24-2	1342	1208	1417	1322	7.98	cps
Manganese	55-2	137	143	163	148	9.39	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:15:33	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3159	3017	3092	3089	2.29	cps
Molybdenum	95-1	3234	3201	3109	3181	2.04	cps
Molybdenum	96-1	4009	3609	3884	3834	5.34	cps
Molybdenum	97-1	2442	2109	2150	2234	8.13	cps
Molybdenum	98-1	5026	4851	4393	4757	6.88	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	203	187	177	189	7.13	cps
Phosphorus	31-2	600	433	442	492	19.10	cps
Potassium	39-2	59194	57629	58600	58474	1.35	cps
Rhodium	103-1	11099907	11220946	11228364	11183072	0.64	cps
Rhodium	103-2	5888237	5809466	5978852	5892185	1.44	cps
Scandium	45-1	6465757	6451054	6391958	6436256	0.61	cps
Scandium	45-2	352418	351527	356488	353478	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	100	111	98	103	6.80	cps
Selenium	82-1	6	111	41	53	101.04	cps
Silicon	28-1	215387	214990	210088	213488	1.38	cps
Silver	109-1	1133	1092	1183	1136	4.04	cps
Silver	107-1	1142	858	1108	1036	14.95	cps
Sodium	23-2	78254	77040	74468	76587	2.52	cps
Strontium	86-1	1609	1550	1775	1645	7.10	cps
Strontium	88-1	1250	1308	1133	1231	7.24	cps
Sulfur	34-1	509405	497926	495583	500971	1.48	cps
Terbium	159-1	14911864	14839800	14919886	14890516	0.30	cps
Terbium	159-2	8394852	8360480	8389847	8381726	0.22	cps
Thallium	203-1	3992	3359	3367	3573	10.17	cps
Thallium	205-1	9095	8345	7919	8453	7.04	cps
Tin	118-1	11213	10996	10396	10869	3.90	cps
Titanium	47-1	200	308	192	233	27.89	cps
Uranium	238-1	558	367	375	433	25.00	cps
Vanadium	51-2	40	43	37	40	8.32	cps
Yttrium	89-1	11479753	11535709	11564687	11526716	0.37	cps
Yttrium	89-2	1916009	1908725	1933349	1919361	0.66	cps
Zinc	66-2	373	367	427	389	8.46	cps
Zirconium	90-1	3576	3784	3376	3578	5.71	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P7
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:15:33	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	792	825	617	745	15.03	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-03 Instrumnet Name : P7
 Client Sample ID : MAPM-25-FL1-KI-W1-F1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:18:58 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1425	1450	1383	1420	2.37	cps
Antimony	121-1	7494	7644	7486	7541	1.18	cps
Arsenic	75-2	294	298	328	307	5.95	cps
Barium	135-1	62801	63579	63077	63152	0.62	cps
Barium	137-1	108892	109622	108136	108883	0.68	cps
Beryllium	9-1	89	83	117	96	18.54	cps
Bismuth	209-1	10432111	10426512	10344673	10401099	0.47	cps
Bismuth	209-2	6517910	6487176	6492801	6499295	0.25	cps
Boron	10-1	3325	2950	2975	3084	6.80	cps
Boron	11-1	15801	15333	16201	15778	2.75	cps
Cadmium	111-1	3292	3179	3105	3192	2.95	cps
Cadmium	106-1	4559	4418	4293	4423	3.02	cps
Cadmium	108-1	29	38	29	32	15.05	cps
Calcium	43-1	250643	253875	252121	252213	0.64	cps
Calcium	44-1	4169859	4184166	4148813	4167613	0.43	cps
Chromium	52-2	3621	3801	3804	3742	2.80	cps
Cobalt	59-2	260	247	293	267	9.01	cps
Copper	63-2	143653	145057	144366	144359	0.49	cps
Dysprosium	156-1	150	58	125	111	42.65	cps
Dysprosium	156-2	63	70	43	59	23.57	cps
Erbium	164-1	142	175	108	142	23.53	cps
Erbium	164-2	47	67	50	54	19.68	cps
Gadolinium	160-1	225	325	175	242	31.60	cps
Gadolinium	160-2	163	190	240	198	19.68	cps
Holmium	165-1	15544645	15392311	15505768	15480908	0.51	cps
Holmium	165-2	8696396	8656081	8522554	8625010	1.05	cps
Indium	115-1	12782759	12933866	12693899	12803508	0.95	cps
Indium	115-2	2758144	2774273	2750240	2760886	0.44	cps
Iron	56-2	133028	132027	132835	132630	0.40	cps
Iron	57-2	4012	4095	4129	4078	1.47	cps
Lead	206-1	17301	17206	16933	17147	1.11	cps
Lead	207-1	14503	13635	13168	13769	4.92	cps
Lead	208-1	66772	66072	64029	65624	2.17	cps
Lithium	6-1	830336	816452	817300	821363	0.95	cps
Magnesium	24-2	431461	430673	430327	430820	0.13	cps
Manganese	55-2	49055	49195	49650	49300	0.63	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-03	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:18:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	5910	5676	4993	5526	8.62	cps
Molybdenum	95-1	1483	1659	1533	1558	5.78	cps
Molybdenum	96-1	2759	2450	2284	2498	9.65	cps
Molybdenum	97-1	1050	1125	867	1014	13.11	cps
Molybdenum	98-1	2409	2484	2134	2342	7.87	cps
Neodymium	150-1	127	93	107	109	15.41	cps
Neodymium	150-2	33	43	30	36	19.51	cps
Nickel	60-2	4924	4687	4594	4735	3.59	cps
Phosphorus	31-2	6844	6577	6443	6621	3.08	cps
Potassium	39-2	262234	257937	255986	258719	1.24	cps
Rhodium	103-1	12125178	12058139	11948617	12043978	0.74	cps
Rhodium	103-2	6240708	6203838	6111471	6185339	1.08	cps
Scandium	45-1	6993381	6982621	6908953	6961651	0.66	cps
Scandium	45-2	366592	364113	364840	365182	0.35	cps
Selenium	77-2	13	7	7	9	43.25	cps
Selenium	78-2	87	93	100	93	6.98	cps
Selenium	82-1	96	-106	28	6	1695.95	cps
Silicon	28-1	8419558	8401418	8422224	8414400	0.13	cps
Silver	109-1	4943	5401	6193	5512	11.48	cps
Silver	107-1	5176	5843	6618	5879	12.28	cps
Sodium	23-2	7009664	7025480	7030978	7022041	0.16	cps
Strontium	86-1	99963	99668	101213	100281	0.82	cps
Strontium	88-1	863605	856479	857477	859187	0.45	cps
Sulfur	34-1	583733	575343	575001	578026	0.86	cps
Terbium	159-1	16005097	16167539	16120867	16097834	0.52	cps
Terbium	159-2	8755948	8808348	8777915	8780737	0.30	cps
Thallium	203-1	5927	5126	3951	5001	19.87	cps
Thallium	205-1	15118	11197	8636	11650	28.02	cps
Tin	118-1	30877	31152	31002	31010	0.44	cps
Titanium	47-1	1250	1025	1167	1147	9.92	cps
Uranium	238-1	700	967	842	836	15.96	cps
Vanadium	51-2	447	407	337	397	14.04	cps
Yttrium	89-1	12753456	12350891	12440491	12514946	1.69	cps
Yttrium	89-2	1989847	2006799	1986714	1994453	0.54	cps
Zinc	66-2	14554	14381	14204	14380	1.22	cps
Zirconium	90-1	14183	12289	11914	12795	9.50	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-03	Instrumnet Name :	P7
Client Sample ID :	MAPM-25-FL1-KI-W1-F1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:18:58	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3309	2650	2200	2720	20.50	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-04 Instrumnet Name : P7
 Client Sample ID : MAPM-41-GROUND-EX1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:22:22 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025	1292	1250	1189	12.07	cps
Antimony	121-1	5301	5134	6052	5496	8.89	cps
Arsenic	75-2	280	263	246	263	6.34	cps
Barium	135-1	59336	59194	59378	59302	0.16	cps
Barium	137-1	103678	104382	101629	103230	1.39	cps
Beryllium	9-1	72	122	39	78	53.93	cps
Bismuth	209-1	10518208	10425597	10340917	10428240	0.85	cps
Bismuth	209-2	6328811	6357965	6329515	6338763	0.26	cps
Boron	10-1	2617	2709	2467	2598	4.70	cps
Boron	11-1	13982	12831	13248	13354	4.36	cps
Cadmium	111-1	2984	3048	2957	2996	1.55	cps
Cadmium	106-1	4009	4167	4042	4073	2.05	cps
Cadmium	108-1	50	46	50	49	4.95	cps
Calcium	43-1	249105	246469	241440	245672	1.59	cps
Calcium	44-1	4126874	4105333	4037492	4089900	1.14	cps
Chromium	52-2	3184	3194	3177	3185	0.26	cps
Cobalt	59-2	627	637	567	610	6.21	cps
Copper	63-2	1930876	1941380	1942937	1938398	0.34	cps
Dysprosium	156-1	100	75	83	86	14.79	cps
Dysprosium	156-2	20	37	50	36	42.27	cps
Erbium	164-1	133	175	100	136	27.61	cps
Erbium	164-2	70	73	67	70	4.76	cps
Gadolinium	160-1	225	225	208	219	4.39	cps
Gadolinium	160-2	173	193	213	193	10.34	cps
Holmium	165-1	15414478	15685213	15309820	15469837	1.25	cps
Holmium	165-2	8442183	8478206	8357876	8426089	0.73	cps
Indium	115-1	12579610	12587924	12387608	12518381	0.91	cps
Indium	115-2	2598796	2606535	2619238	2608190	0.40	cps
Iron	56-2	106831	105796	107726	106784	0.90	cps
Iron	57-2	3223	2939	3189	3117	4.97	cps
Lead	206-1	47206	47741	46008	46985	1.89	cps
Lead	207-1	37303	38980	38016	38100	2.21	cps
Lead	208-1	179856	183030	178167	180351	1.37	cps
Lithium	6-1	809499	808573	784440	800837	1.77	cps
Magnesium	24-2	409402	406395	403209	406335	0.76	cps
Manganese	55-2	37301	37227	36980	37169	0.45	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-04	Instrumnet Name :	P7
Client Sample ID :	MAPM-41-GROUND-EX1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:22:22	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2925	2675	2534	2711	7.32	cps
Molybdenum	95-1	1150	1150	1158	1153	0.42	cps
Molybdenum	96-1	1792	1742	1634	1722	4.70	cps
Molybdenum	97-1	867	767	642	758	14.87	cps
Molybdenum	98-1	1734	1717	2034	1828	9.75	cps
Neodymium	150-1	60	33	107	67	55.68	cps
Neodymium	150-2	10	23	40	24	61.49	cps
Nickel	60-2	4147	4071	4241	4153	2.05	cps
Phosphorus	31-2	4734	4884	4959	4859	2.36	cps
Potassium	39-2	235896	231681	233794	233790	0.90	cps
Rhodium	103-1	11950719	11868075	11786388	11868394	0.69	cps
Rhodium	103-2	5980856	6073519	6107948	6054108	1.09	cps
Scandium	45-1	6825792	6833520	6683280	6780864	1.25	cps
Scandium	45-2	346271	348300	345422	346664	0.43	cps
Selenium	77-2	7	3	10	7	50.03	cps
Selenium	78-2	80	70	76	75	6.19	cps
Selenium	82-1	-27	-89	-12	-43	-95.34	cps
Silicon	28-1	8209354	8239822	8121556	8190244	0.75	cps
Silver	109-1	5977	6010	7010	6332	9.28	cps
Silver	107-1	6068	6377	7611	6685	12.21	cps
Sodium	23-2	6590554	6540700	6510622	6547292	0.62	cps
Strontium	86-1	97991	98050	96339	97460	1.00	cps
Strontium	88-1	871030	854577	840491	855366	1.79	cps
Sulfur	34-1	554204	550599	550747	551850	0.37	cps
Terbium	159-1	16263704	16149281	15899169	16104051	1.16	cps
Terbium	159-2	8519304	8532059	8606847	8552736	0.55	cps
Thallium	203-1	1375	1392	1342	1370	1.86	cps
Thallium	205-1	3192	3517	3050	3253	7.36	cps
Tin	118-1	9395881	9324737	9273680	9331433	0.66	cps
Titanium	47-1	967	992	875	945	6.50	cps
Uranium	238-1	775	817	967	853	11.82	cps
Vanadium	51-2	310	357	370	346	9.12	cps
Yttrium	89-1	12450751	12353508	12180572	12328277	1.11	cps
Yttrium	89-2	1905108	1916991	1924378	1915492	0.51	cps
Zinc	66-2	188732	189313	190605	189550	0.51	cps
Zirconium	90-1	6127	5910	5084	5707	9.64	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-04	Instrumnet Name :	P7
Client Sample ID :	MAPM-41-GROUND-EX1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:22:22	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1350	1058	1250	1220	12.15	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-05 Instrumnet Name : P7
 Client Sample ID : MAPM-41-GROUND-EX1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:25:47 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1075	1342	1133	1183	11.85	cps
Antimony	121-1	3309	3792	3934	3678	8.91	cps
Arsenic	75-2	281	269	254	268	5.19	cps
Barium	135-1	62198	63219	61638	62351	1.29	cps
Barium	137-1	106901	108564	107566	107677	0.78	cps
Beryllium	9-1	78	67	67	70	9.11	cps
Bismuth	209-1	10433077	10562668	10388168	10461304	0.87	cps
Bismuth	209-2	6311621	6282176	6214626	6269474	0.79	cps
Boron	10-1	1934	2042	2200	2059	6.52	cps
Boron	11-1	11238	10904	10663	10935	2.64	cps
Cadmium	111-1	2953	2976	2681	2870	5.71	cps
Cadmium	106-1	4051	4151	3734	3979	5.47	cps
Cadmium	108-1	17	25	17	19	24.73	cps
Calcium	43-1	240458	241751	240398	240869	0.32	cps
Calcium	44-1	4003416	3979534	3948721	3977223	0.69	cps
Chromium	52-2	3424	3567	3600	3530	2.66	cps
Cobalt	59-2	293	283	317	298	5.75	cps
Copper	63-2	395754	401430	401055	399413	0.79	cps
Dysprosium	156-1	58	100	142	100	41.66	cps
Dysprosium	156-2	43	70	63	59	23.57	cps
Erbium	164-1	67	175	100	114	48.72	cps
Erbium	164-2	63	30	63	52	36.85	cps
Gadolinium	160-1	208	275	258	247	14.04	cps
Gadolinium	160-2	180	170	180	177	3.27	cps
Holmium	165-1	15361216	15282824	15188878	15277639	0.56	cps
Holmium	165-2	8293046	8331782	8320342	8315057	0.24	cps
Indium	115-1	12355648	12618126	12437586	12470453	1.08	cps
Indium	115-2	2603285	2613043	2583071	2599800	0.59	cps
Iron	56-2	92974	92764	93231	92990	0.25	cps
Iron	57-2	2878	2717	3045	2880	5.69	cps
Lead	206-1	36133	36785	36133	36350	1.04	cps
Lead	207-1	30046	30385	29957	30129	0.75	cps
Lead	208-1	140079	141388	139419	140295	0.71	cps
Lithium	6-1	787465	790735	777510	785237	0.88	cps
Magnesium	24-2	397260	402148	403316	400908	0.80	cps
Manganese	55-2	41201	41569	40790	41187	0.95	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-05	Instrumnet Name :	P7
Client Sample ID :	MAPM-41-GROUND-EX1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:25:47	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1792	1767	2150	1903	11.27	cps
Molybdenum	95-1	808	917	750	825	10.25	cps
Molybdenum	96-1	1217	1242	1308	1256	3.77	cps
Molybdenum	97-1	583	567	567	572	1.68	cps
Molybdenum	98-1	1292	1342	1350	1328	2.38	cps
Neodymium	150-1	87	60	93	80	22.05	cps
Neodymium	150-2	27	53	20	33	52.91	cps
Nickel	60-2	2134	2134	2180	2149	1.25	cps
Phosphorus	31-2	6210	5976	6026	6071	2.02	cps
Potassium	39-2	229523	230541	230591	230218	0.26	cps
Rhodium	103-1	11805743	11753646	11700004	11753131	0.45	cps
Rhodium	103-2	6006053	5921520	5950719	5959431	0.72	cps
Scandium	45-1	6675871	6631050	6552791	6619904	0.94	cps
Scandium	45-2	338475	337804	332629	336303	0.95	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	85	74	81	80	7.06	cps
Selenium	82-1	82	127	48	86	45.94	cps
Silicon	28-1	8059238	8071000	8089454	8073230	0.19	cps
Silver	109-1	4984	5410	5668	5354	6.45	cps
Silver	107-1	5218	5643	5893	5585	6.11	cps
Sodium	23-2	6609526	6559904	6566770	6578733	0.41	cps
Strontium	86-1	97463	96793	95826	96694	0.85	cps
Strontium	88-1	842808	840223	832055	838362	0.67	cps
Sulfur	34-1	551904	553586	555573	553688	0.33	cps
Terbium	159-1	15920438	15854778	15681684	15818966	0.78	cps
Terbium	159-2	8427077	8481604	8331096	8413259	0.91	cps
Thallium	203-1	558	600	558	572	4.21	cps
Thallium	205-1	1458	1417	1333	1403	4.54	cps
Tin	118-1	206875	209251	207081	207736	0.63	cps
Titanium	47-1	1208	983	1117	1103	10.26	cps
Uranium	238-1	792	958	833	861	10.07	cps
Vanadium	51-2	323	387	400	370	11.07	cps
Yttrium	89-1	12138139	12039426	11912431	12029999	0.94	cps
Yttrium	89-2	1875868	1872184	1867247	1871766	0.23	cps
Zinc	66-2	20495	19817	20184	20165	1.68	cps
Zirconium	90-1	4042	3876	3951	3956	2.11	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-05	Instrumnet Name :	P7
Client Sample ID :	MAPM-41-GROUND-EX1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:25:47	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	817	933	842	864	7.11	cps

LB Number : LB90439 Operator : Jaswal
 Lab Sample ID : I5409-06 Instrumnet Name : P7
 Client Sample ID : MAPM-41-GROUND-EX1 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-29 12:29:12 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1717	1542	1117	1459	21.16	cps
Antimony	121-1	3092	3109	3226	3142	2.31	cps
Arsenic	75-2	261	285	244	264	7.77	cps
Barium	135-1	61654	60750	60691	61032	0.88	cps
Barium	137-1	107766	105112	105139	106006	1.44	cps
Beryllium	9-1	56	67	61	61	9.09	cps
Bismuth	209-1	10682642	10650462	10434501	10589202	1.27	cps
Bismuth	209-2	6261383	6417378	6350451	6343071	1.23	cps
Boron	10-1	2000	1634	1558	1731	13.66	cps
Boron	11-1	9345	8753	9111	9070	3.29	cps
Cadmium	111-1	2843	2690	2662	2732	3.57	cps
Cadmium	106-1	3934	3692	3659	3762	3.99	cps
Cadmium	108-1	33	17	17	22	43.28	cps
Calcium	43-1	235199	234930	230442	233524	1.14	cps
Calcium	44-1	3924097	3871299	3866995	3887463	0.82	cps
Chromium	52-2	4241	4054	4014	4103	2.95	cps
Cobalt	59-2	277	263	250	263	5.06	cps
Copper	63-2	367456	376839	373490	372595	1.28	cps
Dysprosium	156-1	125	83	58	89	37.89	cps
Dysprosium	156-2	57	40	57	51	18.83	cps
Erbium	164-1	192	83	150	142	38.57	cps
Erbium	164-2	63	73	63	67	8.67	cps
Gadolinium	160-1	267	117	225	203	38.19	cps
Gadolinium	160-2	160	147	213	173	20.35	cps
Holmium	165-1	15560792	15766811	15442390	15589998	1.05	cps
Holmium	165-2	8375755	8450104	8452829	8426229	0.52	cps
Indium	115-1	12744423	12563189	12564665	12624092	0.83	cps
Indium	115-2	2591531	2621897	2637253	2616894	0.89	cps
Iron	56-2	94765	97076	94878	95573	1.36	cps
Iron	57-2	2928	3045	3067	3013	2.48	cps
Lead	206-1	68548	67951	66326	67609	1.70	cps
Lead	207-1	57224	55466	56392	56361	1.56	cps
Lead	208-1	265029	258948	260712	261563	1.20	cps
Lithium	6-1	787169	776309	777266	780248	0.77	cps
Magnesium	24-2	384185	391635	395757	390526	1.50	cps
Manganese	55-2	42598	43327	43428	43118	1.05	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-06	Instrumnet Name :	P7
Client Sample ID :	MAPM-41-GROUND-EX1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:29:12	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1800	1667	1358	1609	14.09	cps
Molybdenum	95-1	783	700	808	764	7.43	cps
Molybdenum	96-1	925	1050	775	917	15.02	cps
Molybdenum	97-1	383	517	508	469	15.91	cps
Molybdenum	98-1	1175	1200	1117	1164	3.67	cps
Neodymium	150-1	80	47	167	98	63.36	cps
Neodymium	150-2	20	23	20	21	9.11	cps
Nickel	60-2	3257	3410	3174	3280	3.66	cps
Phosphorus	31-2	5610	5693	5793	5699	1.61	cps
Potassium	39-2	219753	224632	224278	222887	1.22	cps
Rhodium	103-1	11933454	11795614	11871458	11866842	0.58	cps
Rhodium	103-2	5832900	6031993	6044714	5969869	1.99	cps
Scandium	45-1	6705703	6599440	6614880	6640008	0.86	cps
Scandium	45-2	335000	339592	339378	337990	0.77	cps
Selenium	77-2	7	3	7	6	34.70	cps
Selenium	78-2	74	76	111	87	23.98	cps
Selenium	82-1	21	36	132	63	95.63	cps
Silicon	28-1	7925360	7690118	7696038	7770505	1.73	cps
Silver	109-1	4217	4301	4793	4437	7.01	cps
Silver	107-1	4459	4334	4884	4559	6.33	cps
Sodium	23-2	6337680	6378327	6434238	6383415	0.76	cps
Strontium	86-1	96609	93478	93948	94679	1.78	cps
Strontium	88-1	826940	819539	806594	817691	1.26	cps
Sulfur	34-1	538865	537811	531094	535923	0.79	cps
Terbium	159-1	16272051	16050612	15909820	16077494	1.14	cps
Terbium	159-2	8508245	8569378	8508274	8528632	0.41	cps
Thallium	203-1	475	358	458	431	14.66	cps
Thallium	205-1	1075	867	1208	1050	16.40	cps
Tin	118-1	33040	33441	31887	32789	2.46	cps
Titanium	47-1	1092	1100	1300	1164	10.14	cps
Uranium	238-1	900	867	892	886	1.96	cps
Vanadium	51-2	410	380	440	410	7.32	cps
Yttrium	89-1	12292152	12144960	12115374	12184162	0.78	cps
Yttrium	89-2	1864186	1891223	1892109	1882506	0.84	cps
Zinc	66-2	29861	30933	30332	30375	1.77	cps
Zirconium	90-1	3376	2984	2984	3114	7.26	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	I5409-06	Instrumnet Name :	P7
Client Sample ID :	MAPM-41-GROUND-EX1	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:29:12	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	842	667	658	722	14.33	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:32:37	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7828603	7894223	7841361	7854729	0.44	cps
Antimony	121-1	7914664	7827887	7852113	7864888	0.57	cps
Arsenic	75-2	305087	307928	305397	306138	0.51	cps
Barium	135-1	9089779	9046516	9067351	9067882	0.24	cps
Barium	137-1	15648868	15590140	15484207	15574405	0.54	cps
Beryllium	9-1	740249	739120	739906	739759	0.08	cps
Bismuth	209-1	9096802	8996888	9021847	9038512	0.58	cps
Bismuth	209-2	5685947	5718460	5677570	5693992	0.38	cps
Boron	10-1	102940	103099	104636	103558	0.90	cps
Boron	11-1	525377	537276	538031	533561	1.33	cps
Cadmium	111-1	1838506	1855271	1853278	1849018	0.50	cps
Cadmium	106-1	208894	208686	209662	209081	0.25	cps
Cadmium	108-1	135738	135956	136613	136103	0.33	cps
Calcium	43-1	9498841	9476715	9574565	9516707	0.54	cps
Calcium	44-1	153263049	154301508	154475378	154013312	0.43	cps
Chromium	52-2	2529905	2493620	2516373	2513299	0.73	cps
Cobalt	59-2	4069160	4094824	4077531	4080505	0.32	cps
Copper	63-2	6146046	6184243	6187316	6172535	0.37	cps
Dysprosium	156-1	358	350	367	358	2.33	cps
Dysprosium	156-2	120	163	123	136	17.79	cps
Erbium	164-1	108	92	92	97	9.90	cps
Erbium	164-2	57	90	87	78	23.60	cps
Gadolinium	160-1	300	333	233	289	17.62	cps
Gadolinium	160-2	223	200	213	212	5.52	cps
Holmium	165-1	14317859	14345600	14372482	14345314	0.19	cps
Holmium	165-2	8252849	8279129	8122049	8218009	1.02	cps
Indium	115-1	10902304	10948176	10957297	10935926	0.27	cps
Indium	115-2	2462635	2456864	2459641	2459714	0.12	cps
Iron	56-2	551056835	556077024	551452468	552862109	0.50	cps
Iron	57-2	13521056	13809245	13667439	13665913	1.05	cps
Lead	206-1	5745015	5715095	5705508	5721872	0.36	cps
Lead	207-1	5092153	4987511	5016875	5032179	1.07	cps
Lead	208-1	23410696	23089185	23078592	23192824	0.81	cps
Lithium	6-1	713992	706393	695676	705354	1.30	cps
Magnesium	24-2	85566452	85729825	85530717	85608998	0.12	cps
Manganese	55-2	2897605	2908562	2894684	2900283	0.25	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:32:37	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	7185181	7119542	7090662	7131795	0.68	cps
Molybdenum	95-1	3805666	3775839	3762331	3781279	0.59	cps
Molybdenum	96-1	4898796	4875420	4863832	4879350	0.37	cps
Molybdenum	97-1	2369989	2363252	2368571	2367271	0.15	cps
Molybdenum	98-1	6425964	6368193	6385220	6393125	0.46	cps
Neodymium	150-1	593	947	693	744	24.47	cps
Neodymium	150-2	127	130	153	137	10.63	cps
Nickel	60-2	1097925	1093652	1096486	1096021	0.20	cps
Phosphorus	31-2	90197	90163	91346	90568	0.74	cps
Potassium	39-2	44867696	44963275	44749470	44860147	0.24	cps
Rhodium	103-1	10172684	10154884	10182572	10170046	0.14	cps
Rhodium	103-2	5386628	5372310	5345007	5367982	0.39	cps
Scandium	45-1	6262652	6302375	6383901	6316309	0.98	cps
Scandium	45-2	355951	356011	354321	355428	0.27	cps
Selenium	77-2	6308	6251	6365	6308	0.90	cps
Selenium	78-2	21234	20882	21110	21075	0.85	cps
Selenium	82-1	111634	112708	112729	112357	0.56	cps
Silicon	28-1	4274787	4345393	4370146	4330109	1.14	cps
Silver	109-1	8816169	8799248	8877735	8831051	0.47	cps
Silver	107-1	9167623	9230585	9267792	9222000	0.55	cps
Sodium	23-2	154545262	154381091	154978033	154634795	0.20	cps
Strontium	86-1	2342283	2338887	2362715	2347962	0.55	cps
Strontium	88-1	20784586	20798008	20993771	20858788	0.56	cps
Sulfur	34-1	1086953	1094240	1100927	1094040	0.64	cps
Terbium	159-1	14927155	14767825	14779039	14824673	0.60	cps
Terbium	159-2	8358657	8347980	8211444	8306027	0.99	cps
Thallium	203-1	7265516	7197428	7182311	7215085	0.61	cps
Thallium	205-1	17115753	17035794	17036820	17062789	0.27	cps
Tin	118-1	6347250	6107535	6332790	6262525	2.15	cps
Titanium	47-1	970212	977806	976985	975001	0.43	cps
Uranium	238-1	25515752	25209019	25317100	25347290	0.61	cps
Vanadium	51-2	2023972	2033529	2026747	2028083	0.24	cps
Yttrium	89-1	11232819	11306777	11274722	11271439	0.33	cps
Yttrium	89-2	1900328	1897867	1887008	1895068	0.37	cps
Zinc	66-2	907535	915736	913435	912236	0.46	cps
Zirconium	90-1	13405367	13277607	13368536	13350503	0.49	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P7
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:32:37	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2935035	2949080	2932292	2938802	0.31	cps

LB Number :	LB90439	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:36:02	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	433	392	442	12.37	cps
Antimony	121-1	17779	15576	14667	16007	10.00	cps
Arsenic	75-2	80	100	65	81	21.68	cps
Barium	135-1	208	225	167	200	15.02	cps
Barium	137-1	325	392	375	364	9.53	cps
Beryllium	9-1	94	83	72	83	13.34	cps
Bismuth	209-1	9879906	9797370	9786398	9821225	0.52	cps
Bismuth	209-2	6231416	6207010	6310237	6249554	0.86	cps
Boron	10-1	2259	1709	2067	2011	13.88	cps
Boron	11-1	11330	10696	10162	10729	5.45	cps
Cadmium	111-1	2791	2810	2715	2772	1.82	cps
Cadmium	106-1	3834	3867	3734	3812	1.82	cps
Cadmium	108-1	25	25	4	18	66.60	cps
Calcium	43-1	742	658	725	708	6.23	cps
Calcium	44-1	111333	110352	110554	110746	0.47	cps
Chromium	52-2	3077	3200	3317	3198	3.75	cps
Cobalt	59-2	167	150	177	164	8.19	cps
Copper	63-2	3430	3000	3277	3236	6.74	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	67	83	50	67	25.00	cps
Erbium	164-2	33	23	13	23	42.86	cps
Gadolinium	160-1	183	217	125	175	26.51	cps
Gadolinium	160-2	127	147	117	130	11.75	cps
Holmium	165-1	14739475	14657855	14425423	14607584	1.12	cps
Holmium	165-2	8463282	8347391	8396803	8402492	0.69	cps
Indium	115-1	11964682	11850069	11835324	11883359	0.60	cps
Indium	115-2	2643145	2645879	2661777	2650267	0.38	cps
Iron	56-2	18353	17316	17650	17773	2.98	cps
Iron	57-2	528	578	622	576	8.20	cps
Lead	206-1	3756	3473	3367	3532	5.70	cps
Lead	207-1	2839	3378	3223	3147	8.82	cps
Lead	208-1	13920	14715	14292	14309	2.78	cps
Lithium	6-1	753721	743477	741582	746260	0.88	cps
Magnesium	24-2	1825	1425	1659	1636	12.28	cps
Manganese	55-2	150	137	93	127	23.39	cps

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Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	2942	2450	2425	2606	11.18	cps
Molybdenum	95-1	3042	2417	2592	2684	12.02	cps
Molybdenum	96-1	3476	2992	2759	3075	11.89	cps
Molybdenum	97-1	1592	1383	1392	1456	8.10	cps
Molybdenum	98-1	4426	4284	3784	4165	8.10	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	190	143	137	157	18.55	cps
Phosphorus	31-2	400	417	425	414	3.08	cps
Potassium	39-2	57353	55823	55848	56341	1.56	cps
Rhodium	103-1	11458841	11299964	11388344	11382383	0.70	cps
Rhodium	103-2	6058114	5971575	6044714	6024801	0.77	cps
Scandium	45-1	6578187	6520141	6534480	6544269	0.46	cps
Scandium	45-2	354984	353153	358790	355642	0.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	96	76	107	93	17.13	cps
Selenium	82-1	51	77	-71	19	411.97	cps
Silicon	28-1	222818	213847	213011	216559	2.51	cps
Silver	109-1	1200	967	892	1020	15.77	cps
Silver	107-1	1058	1050	1050	1053	0.46	cps
Sodium	23-2	73455	73689	72626	73257	0.76	cps
Strontium	86-1	1575	1550	1558	1561	0.82	cps
Strontium	88-1	1500	1442	1192	1378	11.89	cps
Sulfur	34-1	476190	470038	472685	472971	0.65	cps
Terbium	159-1	15247861	15082901	15025151	15118638	0.76	cps
Terbium	159-2	8491203	8429158	8607838	8509399	1.07	cps
Thallium	203-1	3634	3451	2909	3331	11.32	cps
Thallium	205-1	8320	7978	7502	7933	5.17	cps
Tin	118-1	7110	6560	6777	6816	4.07	cps
Titanium	47-1	175	192	175	181	5.33	cps
Uranium	238-1	800	750	600	717	14.52	cps
Vanadium	51-2	40	70	80	63	32.87	cps
Yttrium	89-1	11834356	11711850	11775764	11773990	0.52	cps
Yttrium	89-2	1955023	1950034	1967679	1957579	0.46	cps
Zinc	66-2	320	287	343	317	8.99	cps
Zirconium	90-1	3284	3334	2800	3139	9.38	cps

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Lab Sample ID :	CCB11	Instrumnet Name :	P7
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2017-09-29 12:36:02	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	658	567	750	658	13.93	cps