

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV36	Mercury	4.25	4.0	106	90 - 110	CV	10/14/2024	11:33	LB132914

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: PLASMA-PURE

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV13	Mercury	4.95	5.0	99	90 - 110	CV	10/14/2024	11:40	LB132914
CCV14	Mercury	4.81	5.0	96	90 - 110	CV	10/14/2024	12:10	LB132914
CCV15	Mercury	4.91	5.0	98	90 - 110	CV	10/14/2024	12:39	LB132914
CCV16	Mercury	4.98	5.0	100	90 - 110	CV	10/14/2024	13:09	LB132914
CCV17	Mercury	4.88	5.0	98	90 - 110	CV	10/14/2024	13:37	LB132914
CCV18	Mercury	5.09	5.0	102	90 - 110	CV	10/14/2024	14:04	LB132914
CCV19	Mercury	4.97	5.0	100	90 - 110	CV	10/14/2024	14:31	LB132914
CCV20	Mercury	5.08	5.0	102	90 - 110	CV	10/14/2024	14:59	LB132914
CCV21	Mercury	4.79	5.0	96	90 - 110	CV	10/14/2024	15:15	LB132914

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2500	2500	100	90 - 110	P	10/14/2024	14:06	LB132927
	Antimony	1000	1000	100	90 - 110	P	10/14/2024	14:06	LB132927
	Arsenic	942	1000	94	90 - 110	P	10/14/2024	14:06	LB132927
	Barium	491	520	94	90 - 110	P	10/14/2024	14:06	LB132927
	Beryllium	504	510	99	90 - 110	P	10/14/2024	14:06	LB132927
	Cadmium	476	510	93	90 - 110	P	10/14/2024	14:06	LB132927
	Calcium	9910	10000	99	90 - 110	P	10/14/2024	14:06	LB132927
	Chromium	527	520	101	90 - 110	P	10/14/2024	14:06	LB132927
	Cobalt	507	520	98	90 - 110	P	10/14/2024	14:06	LB132927
	Copper	523	510	103	90 - 110	P	10/14/2024	14:06	LB132927
	Iron	9670	10000	97	90 - 110	P	10/14/2024	14:06	LB132927
	Lead	955	1000	96	90 - 110	P	10/14/2024	14:06	LB132927
	Magnesium	5900	6000	98	90 - 110	P	10/14/2024	14:06	LB132927
	Manganese	503	520	97	90 - 110	P	10/14/2024	14:06	LB132927
	Nickel	510	530	96	90 - 110	P	10/14/2024	14:06	LB132927
	Potassium	9500	9900	96	90 - 110	P	10/14/2024	14:06	LB132927
	Selenium	980	1000	98	90 - 110	P	10/14/2024	14:06	LB132927
	Silver	252	250	101	90 - 110	P	10/14/2024	14:06	LB132927
	Sodium	9030	10000	90	90 - 110	P	10/14/2024	14:06	LB132927
	Thallium	1020	1000	102	90 - 110	P	10/14/2024	14:06	LB132927
	Vanadium	504	500	101	90 - 110	P	10/14/2024	14:06	LB132927
	Zinc	1020	1000	102	90 - 110	P	10/14/2024	14:06	LB132927

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Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	111	100	111	80 - 120	P	10/14/2024	14:18	LB132927
	Antimony	51.8	50.0	104	80 - 120	P	10/14/2024	14:18	LB132927
	Arsenic	18.9	20.0	95	80 - 120	P	10/14/2024	14:18	LB132927
	Barium	94.5	100	94	80 - 120	P	10/14/2024	14:18	LB132927
	Beryllium	6.30	6.0	105	80 - 120	P	10/14/2024	14:18	LB132927
	Cadmium	6.12	6.0	102	80 - 120	P	10/14/2024	14:18	LB132927
	Calcium	2040	2000	102	80 - 120	P	10/14/2024	14:18	LB132927
	Chromium	9.77	10.0	98	80 - 120	P	10/14/2024	14:18	LB132927
	Cobalt	30.6	30.0	102	80 - 120	P	10/14/2024	14:18	LB132927
	Copper	22.5	20.0	113	80 - 120	P	10/14/2024	14:18	LB132927
	Iron	95.8	100	96	80 - 120	P	10/14/2024	14:18	LB132927
	Lead	10.2	12.0	85	80 - 120	P	10/14/2024	14:18	LB132927
	Magnesium	2180	2000	109	80 - 120	P	10/14/2024	14:18	LB132927
	Manganese	20.0	20.0	100	80 - 120	P	10/14/2024	14:18	LB132927
	Nickel	40.8	40.0	102	80 - 120	P	10/14/2024	14:18	LB132927
	Potassium	1900	2000	95	80 - 120	P	10/14/2024	14:18	LB132927
	Selenium	19.4	20.0	97	80 - 120	P	10/14/2024	14:18	LB132927
	Silver	10.8	10.0	108	80 - 120	P	10/14/2024	14:18	LB132927
	Sodium	1620	2000	81	80 - 120	P	10/14/2024	14:18	LB132927
	Thallium	40.6	40.0	102	80 - 120	P	10/14/2024	14:18	LB132927
	Vanadium	40.3	40.0	101	80 - 120	P	10/14/2024	14:18	LB132927
	Zinc	41.3	40.0	103	80 - 120	P	10/14/2024	14:18	LB132927

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Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10400	10000	104	90 - 110	P	10/14/2024	14:43	LB132927
	Antimony	5230	5000	104	90 - 110	P	10/14/2024	14:43	LB132927
	Arsenic	5140	5000	103	90 - 110	P	10/14/2024	14:43	LB132927
	Barium	9520	10000	95	90 - 110	P	10/14/2024	14:43	LB132927
	Beryllium	250	250	100	90 - 110	P	10/14/2024	14:43	LB132927
	Cadmium	2510	2500	100	90 - 110	P	10/14/2024	14:43	LB132927
	Calcium	25300	25000	101	90 - 110	P	10/14/2024	14:43	LB132927
	Chromium	1020	1000	102	90 - 110	P	10/14/2024	14:43	LB132927
	Cobalt	2530	2500	101	90 - 110	P	10/14/2024	14:43	LB132927
	Copper	1300	1250	104	90 - 110	P	10/14/2024	14:43	LB132927
	Iron	4800	5000	96	90 - 110	P	10/14/2024	14:43	LB132927
	Lead	5090	5000	102	90 - 110	P	10/14/2024	14:43	LB132927
	Magnesium	25600	25000	102	90 - 110	P	10/14/2024	14:43	LB132927
	Manganese	2400	2500	96	90 - 110	P	10/14/2024	14:43	LB132927
	Nickel	2540	2500	102	90 - 110	P	10/14/2024	14:43	LB132927
	Potassium	24600	25000	99	90 - 110	P	10/14/2024	14:43	LB132927
	Selenium	5320	5000	106	90 - 110	P	10/14/2024	14:43	LB132927
	Silver	1250	1250	100	90 - 110	P	10/14/2024	14:43	LB132927
	Sodium	23000	25000	92	90 - 110	P	10/14/2024	14:43	LB132927
	Thallium	4530	5000	90	90 - 110	P	10/14/2024	14:43	LB132927
	Vanadium	2570	2500	103	90 - 110	P	10/14/2024	14:43	LB132927
	Zinc	2580	2500	103	90 - 110	P	10/14/2024	14:43	LB132927
CCV02	Aluminum	10100	10000	101	90 - 110	P	10/14/2024	15:09	LB132927
	Antimony	5000	5000	100	90 - 110	P	10/14/2024	15:09	LB132927
	Arsenic	4850	5000	97	90 - 110	P	10/14/2024	15:09	LB132927
	Barium	9110	10000	91	90 - 110	P	10/14/2024	15:09	LB132927
	Beryllium	246	250	98	90 - 110	P	10/14/2024	15:09	LB132927
	Cadmium	2390	2500	96	90 - 110	P	10/14/2024	15:09	LB132927
	Calcium	24300	25000	97	90 - 110	P	10/14/2024	15:09	LB132927
	Chromium	990	1000	99	90 - 110	P	10/14/2024	15:09	LB132927
	Cobalt	2410	2500	96	90 - 110	P	10/14/2024	15:09	LB132927
	Copper	1240	1250	100	90 - 110	P	10/14/2024	15:09	LB132927
	Iron	4550	5000	91	90 - 110	P	10/14/2024	15:09	LB132927
	Lead	4830	5000	96	90 - 110	P	10/14/2024	15:09	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24700	25000	99	90 - 110	P	10/14/2024	15:09	LB132927
	Manganese	2300	2500	92	90 - 110	P	10/14/2024	15:09	LB132927
	Nickel	2410	2500	96	90 - 110	P	10/14/2024	15:09	LB132927
	Potassium	23200	25000	93	90 - 110	P	10/14/2024	15:09	LB132927
	Selenium	5060	5000	101	90 - 110	P	10/14/2024	15:09	LB132927
	Silver	1200	1250	96	90 - 110	P	10/14/2024	15:09	LB132927
	Sodium	25500	25000	102	90 - 110	P	10/14/2024	15:09	LB132927
	Thallium	5390	5000	108	90 - 110	P	10/14/2024	15:09	LB132927
	Vanadium	2480	2500	99	90 - 110	P	10/14/2024	15:09	LB132927
	Zinc	2440	2500	98	90 - 110	P	10/14/2024	15:09	LB132927
CCV03	Aluminum	9640	10000	96	90 - 110	P	10/14/2024	16:03	LB132927
	Antimony	4920	5000	98	90 - 110	P	10/14/2024	16:03	LB132927
	Arsenic	4690	5000	94	90 - 110	P	10/14/2024	16:03	LB132927
	Barium	10600	10000	106	90 - 110	P	10/14/2024	16:03	LB132927
	Beryllium	227	250	91	90 - 110	P	10/14/2024	16:03	LB132927
	Cadmium	2250	2500	90	90 - 110	P	10/14/2024	16:03	LB132927
	Calcium	23000	25000	92	90 - 110	P	10/14/2024	16:03	LB132927
	Chromium	945	1000	94	90 - 110	P	10/14/2024	16:03	LB132927
	Cobalt	2300	2500	92	90 - 110	P	10/14/2024	16:03	LB132927
	Copper	1200	1250	96	90 - 110	P	10/14/2024	16:03	LB132927
	Iron	4510	5000	90	90 - 110	P	10/14/2024	16:03	LB132927
	Lead	4610	5000	92	90 - 110	P	10/14/2024	16:03	LB132927
	Magnesium	23300	25000	93	90 - 110	P	10/14/2024	16:03	LB132927
	Manganese	2710	2500	108	90 - 110	P	10/14/2024	16:03	LB132927
	Nickel	2300	2500	92	90 - 110	P	10/14/2024	16:03	LB132927
	Potassium	23600	25000	94	90 - 110	P	10/14/2024	16:03	LB132927
	Selenium	4920	5000	98	90 - 110	P	10/14/2024	16:03	LB132927
	Silver	1170	1250	93	90 - 110	P	10/14/2024	16:03	LB132927
	Sodium	25600	25000	102	90 - 110	P	10/14/2024	16:03	LB132927
	Thallium	5200	5000	104	90 - 110	P	10/14/2024	16:03	LB132927
	Vanadium	2370	2500	95	90 - 110	P	10/14/2024	16:03	LB132927
	Zinc	2390	2500	96	90 - 110	P	10/14/2024	16:03	LB132927
CCV04	Aluminum	9730	10000	97	90 - 110	P	10/14/2024	17:06	LB132927
	Antimony	4940	5000	99	90 - 110	P	10/14/2024	17:06	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4710	5000	94	90 - 110	P	10/14/2024	17:06	LB132927
	Barium	10500	10000	105	90 - 110	P	10/14/2024	17:06	LB132927
	Beryllium	231	250	92	90 - 110	P	10/14/2024	17:06	LB132927
	Cadmium	2260	2500	90	90 - 110	P	10/14/2024	17:06	LB132927
	Calcium	23100	25000	92	90 - 110	P	10/14/2024	17:06	LB132927
	Chromium	953	1000	95	90 - 110	P	10/14/2024	17:06	LB132927
	Cobalt	2310	2500	93	90 - 110	P	10/14/2024	17:06	LB132927
	Copper	1210	1250	96	90 - 110	P	10/14/2024	17:06	LB132927
	Iron	4530	5000	90	90 - 110	P	10/14/2024	17:06	LB132927
	Lead	4630	5000	92	90 - 110	P	10/14/2024	17:06	LB132927
	Magnesium	23400	25000	94	90 - 110	P	10/14/2024	17:06	LB132927
	Manganese	2700	2500	108	90 - 110	P	10/14/2024	17:06	LB132927
	Nickel	2310	2500	92	90 - 110	P	10/14/2024	17:06	LB132927
	Potassium	23500	25000	94	90 - 110	P	10/14/2024	17:06	LB132927
	Selenium	4960	5000	99	90 - 110	P	10/14/2024	17:06	LB132927
	Silver	1180	1250	94	90 - 110	P	10/14/2024	17:06	LB132927
	Sodium	25300	25000	101	90 - 110	P	10/14/2024	17:06	LB132927
	Thallium	5240	5000	105	90 - 110	P	10/14/2024	17:06	LB132927
	Vanadium	2380	2500	95	90 - 110	P	10/14/2024	17:06	LB132927
	Zinc	2370	2500	95	90 - 110	P	10/14/2024	17:06	LB132927
CCV05	Aluminum	9870	10000	99	90 - 110	P	10/14/2024	18:00	LB132927
	Antimony	5040	5000	101	90 - 110	P	10/14/2024	18:00	LB132927
	Arsenic	4810	5000	96	90 - 110	P	10/14/2024	18:00	LB132927
	Barium	10500	10000	105	90 - 110	P	10/14/2024	18:00	LB132927
	Beryllium	233	250	93	90 - 110	P	10/14/2024	18:00	LB132927
	Cadmium	2310	2500	92	90 - 110	P	10/14/2024	18:00	LB132927
	Calcium	23500	25000	94	90 - 110	P	10/14/2024	18:00	LB132927
	Chromium	977	1000	98	90 - 110	P	10/14/2024	18:00	LB132927
	Cobalt	2360	2500	94	90 - 110	P	10/14/2024	18:00	LB132927
	Copper	1230	1250	98	90 - 110	P	10/14/2024	18:00	LB132927
	Iron	4500	5000	90	90 - 110	P	10/14/2024	18:00	LB132927
	Lead	4720	5000	94	90 - 110	P	10/14/2024	18:00	LB132927
	Magnesium	23900	25000	96	90 - 110	P	10/14/2024	18:00	LB132927
	Manganese	2720	2500	109	90 - 110	P	10/14/2024	18:00	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2360	2500	94	90 - 110	P	10/14/2024	18:00	LB132927
	Potassium	23400	25000	94	90 - 110	P	10/14/2024	18:00	LB132927
	Selenium	5080	5000	102	90 - 110	P	10/14/2024	18:00	LB132927
	Silver	1190	1250	95	90 - 110	P	10/14/2024	18:00	LB132927
	Sodium	24900	25000	100	90 - 110	P	10/14/2024	18:00	LB132927
	Thallium	5080	5000	102	90 - 110	P	10/14/2024	18:00	LB132927
	Vanadium	2420	2500	97	90 - 110	P	10/14/2024	18:00	LB132927
	Zinc	2280	2500	91	90 - 110	P	10/14/2024	18:00	LB132927
CCV06	Aluminum	10000	10000	100	90 - 110	P	10/14/2024	18:51	LB132927
	Antimony	4960	5000	99	90 - 110	P	10/14/2024	18:51	LB132927
	Arsenic	4770	5000	95	90 - 110	P	10/14/2024	18:51	LB132927
	Barium	9960	10000	100	90 - 110	P	10/14/2024	18:51	LB132927
	Beryllium	248	250	99	90 - 110	P	10/14/2024	18:51	LB132927
	Cadmium	2350	2500	94	90 - 110	P	10/14/2024	18:51	LB132927
	Calcium	24000	25000	96	90 - 110	P	10/14/2024	18:51	LB132927
	Chromium	1000	1000	100	90 - 110	P	10/14/2024	18:51	LB132927
	Cobalt	2400	2500	96	90 - 110	P	10/14/2024	18:51	LB132927
	Copper	1220	1250	97	90 - 110	P	10/14/2024	18:51	LB132927
	Iron	4510	5000	90	90 - 110	P	10/14/2024	18:51	LB132927
	Lead	4800	5000	96	90 - 110	P	10/14/2024	18:51	LB132927
	Magnesium	24800	25000	99	90 - 110	P	10/14/2024	18:51	LB132927
	Manganese	2750	2500	110	90 - 110	P	10/14/2024	18:51	LB132927
	Nickel	2390	2500	96	90 - 110	P	10/14/2024	18:51	LB132927
	Potassium	22800	25000	91	90 - 110	P	10/14/2024	18:51	LB132927
	Selenium	4980	5000	100	90 - 110	P	10/14/2024	18:51	LB132927
	Silver	1210	1250	97	90 - 110	P	10/14/2024	18:51	LB132927
	Sodium	24300	25000	97	90 - 110	P	10/14/2024	18:51	LB132927
	Thallium	5220	5000	104	90 - 110	P	10/14/2024	18:51	LB132927
	Vanadium	2450	2500	98	90 - 110	P	10/14/2024	18:51	LB132927
	Zinc	2430	2500	97	90 - 110	P	10/14/2024	18:51	LB132927
CCV07	Aluminum	9940	10000	99	90 - 110	P	10/14/2024	19:11	LB132927
	Antimony	5030	5000	100	90 - 110	P	10/14/2024	19:11	LB132927
	Arsenic	4870	5000	97	90 - 110	P	10/14/2024	19:11	LB132927
	Barium	10200	10000	102	90 - 110	P	10/14/2024	19:11	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	237	250	95	90 - 110	P	10/14/2024	19:11	LB132927
	Cadmium	2380	2500	95	90 - 110	P	10/14/2024	19:11	LB132927
	Calcium	24000	25000	96	90 - 110	P	10/14/2024	19:11	LB132927
	Chromium	997	1000	100	90 - 110	P	10/14/2024	19:11	LB132927
	Cobalt	2420	2500	97	90 - 110	P	10/14/2024	19:11	LB132927
	Copper	1240	1250	99	90 - 110	P	10/14/2024	19:11	LB132927
	Iron	4570	5000	91	90 - 110	P	10/14/2024	19:11	LB132927
	Lead	4860	5000	97	90 - 110	P	10/14/2024	19:11	LB132927
	Magnesium	24500	25000	98	90 - 110	P	10/14/2024	19:11	LB132927
	Manganese	2730	2500	109	90 - 110	P	10/14/2024	19:11	LB132927
	Nickel	2420	2500	97	90 - 110	P	10/14/2024	19:11	LB132927
	Potassium	23400	25000	94	90 - 110	P	10/14/2024	19:11	LB132927
	Selenium	5100	5000	102	90 - 110	P	10/14/2024	19:11	LB132927
	Silver	1200	1250	96	90 - 110	P	10/14/2024	19:11	LB132927
	Sodium	24900	25000	99	90 - 110	P	10/14/2024	19:11	LB132927
	Thallium	5320	5000	106	90 - 110	P	10/14/2024	19:11	LB132927
	Vanadium	2460	2500	98	90 - 110	P	10/14/2024	19:11	LB132927
	Zinc	2430	2500	97	90 - 110	P	10/14/2024	19:11	LB132927

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2580	2500	103	90 - 110	P	10/15/2024	11:24	LB132951
	Antimony	996	1000	100	90 - 110	P	10/15/2024	11:24	LB132951
	Arsenic	959	1000	96	90 - 110	P	10/15/2024	11:24	LB132951
	Barium	517	520	99	90 - 110	P	10/15/2024	11:24	LB132951
	Beryllium	510	510	100	90 - 110	P	10/15/2024	11:24	LB132951
	Cadmium	485	510	95	90 - 110	P	10/15/2024	11:24	LB132951
	Calcium	10300	10000	102	90 - 110	P	10/15/2024	11:24	LB132951
	Chromium	534	520	103	90 - 110	P	10/15/2024	11:24	LB132951
	Cobalt	518	520	100	90 - 110	P	10/15/2024	11:24	LB132951
	Copper	530	510	104	90 - 110	P	10/15/2024	11:24	LB132951
	Iron	10100	10000	101	90 - 110	P	10/15/2024	11:24	LB132951
	Lead	967	1000	97	90 - 110	P	10/15/2024	11:24	LB132951
	Magnesium	5970	6000	100	90 - 110	P	10/15/2024	11:24	LB132951
	Manganese	524	520	101	90 - 110	P	10/15/2024	11:24	LB132951
	Nickel	520	530	98	90 - 110	P	10/15/2024	11:24	LB132951
	Potassium	9920	9900	100	90 - 110	P	10/15/2024	11:24	LB132951
	Selenium	969	1000	97	90 - 110	P	10/15/2024	11:24	LB132951
	Silver	259	250	104	90 - 110	P	10/15/2024	11:24	LB132951
	Sodium	9660	10000	97	90 - 110	P	10/15/2024	11:24	LB132951
	Thallium	972	1000	97	90 - 110	P	10/15/2024	11:24	LB132951
	Vanadium	502	500	100	90 - 110	P	10/15/2024	11:24	LB132951
	Zinc	1050	1000	105	90 - 110	P	10/15/2024	11:24	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	110	100	110	80 - 120	P	10/15/2024	11:37	LB132951
	Antimony	49.6	50.0	99	80 - 120	P	10/15/2024	11:37	LB132951
	Arsenic	20.5	20.0	102	80 - 120	P	10/15/2024	11:37	LB132951
	Barium	98.7	100	99	80 - 120	P	10/15/2024	11:37	LB132951
	Beryllium	6.08	6.0	101	80 - 120	P	10/15/2024	11:37	LB132951
	Cadmium	5.92	6.0	99	80 - 120	P	10/15/2024	11:37	LB132951
	Calcium	2040	2000	102	80 - 120	P	10/15/2024	11:37	LB132951
	Chromium	9.81	10.0	98	80 - 120	P	10/15/2024	11:37	LB132951
	Cobalt	29.8	30.0	99	80 - 120	P	10/15/2024	11:37	LB132951
	Copper	22.5	20.0	112	80 - 120	P	10/15/2024	11:37	LB132951
	Iron	101	100	101	80 - 120	P	10/15/2024	11:37	LB132951
	Lead	12.0	12.0	100	80 - 120	P	10/15/2024	11:37	LB132951
	Magnesium	2170	2000	108	80 - 120	P	10/15/2024	11:37	LB132951
	Manganese	21.0	20.0	105	80 - 120	P	10/15/2024	11:37	LB132951
	Nickel	39.6	40.0	99	80 - 120	P	10/15/2024	11:37	LB132951
	Potassium	1900	2000	95	80 - 120	P	10/15/2024	11:37	LB132951
	Selenium	18.3	20.0	92	80 - 120	P	10/15/2024	11:37	LB132951
	Silver	11.6	10.0	116	80 - 120	P	10/15/2024	11:37	LB132951
	Sodium	1890	2000	95	80 - 120	P	10/15/2024	11:37	LB132951
	Thallium	37.6	40.0	94	80 - 120	P	10/15/2024	11:37	LB132951
	Vanadium	40.1	40.0	100	80 - 120	P	10/15/2024	11:37	LB132951
	Zinc	43.6	40.0	109	80 - 120	P	10/15/2024	11:37	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	10300	10000	103	90 - 110	P	10/15/2024	12:26	LB132951
	Antimony	5080	5000	102	90 - 110	P	10/15/2024	12:26	LB132951
	Arsenic	5030	5000	101	90 - 110	P	10/15/2024	12:26	LB132951
	Barium	10300	10000	102	90 - 110	P	10/15/2024	12:26	LB132951
	Beryllium	254	250	102	90 - 110	P	10/15/2024	12:26	LB132951
	Cadmium	2470	2500	99	90 - 110	P	10/15/2024	12:26	LB132951
	Calcium	25500	25000	102	90 - 110	P	10/15/2024	12:26	LB132951
	Chromium	1010	1000	101	90 - 110	P	10/15/2024	12:26	LB132951
	Cobalt	2470	2500	99	90 - 110	P	10/15/2024	12:26	LB132951
	Copper	1270	1250	101	90 - 110	P	10/15/2024	12:26	LB132951
	Iron	5020	5000	100	90 - 110	P	10/15/2024	12:26	LB132951
	Lead	4930	5000	99	90 - 110	P	10/15/2024	12:26	LB132951
	Magnesium	25400	25000	101	90 - 110	P	10/15/2024	12:26	LB132951
	Manganese	2540	2500	101	90 - 110	P	10/15/2024	12:26	LB132951
	Nickel	2470	2500	99	90 - 110	P	10/15/2024	12:26	LB132951
	Potassium	25400	25000	102	90 - 110	P	10/15/2024	12:26	LB132951
	Selenium	5080	5000	102	90 - 110	P	10/15/2024	12:26	LB132951
	Silver	1270	1250	102	90 - 110	P	10/15/2024	12:26	LB132951
	Sodium	25000	25000	100	90 - 110	P	10/15/2024	12:26	LB132951
	Thallium	5060	5000	101	90 - 110	P	10/15/2024	12:26	LB132951
	Vanadium	2580	2500	103	90 - 110	P	10/15/2024	12:26	LB132951
	Zinc	2590	2500	104	90 - 110	P	10/15/2024	12:26	LB132951
CCV02	Aluminum	10000	10000	100	90 - 110	P	10/15/2024	13:23	LB132951
	Antimony	4990	5000	100	90 - 110	P	10/15/2024	13:23	LB132951
	Arsenic	4920	5000	98	90 - 110	P	10/15/2024	13:23	LB132951
	Barium	9960	10000	100	90 - 110	P	10/15/2024	13:23	LB132951
	Beryllium	236	250	94	90 - 110	P	10/15/2024	13:23	LB132951
	Cadmium	2380	2500	95	90 - 110	P	10/15/2024	13:23	LB132951
	Calcium	24600	25000	98	90 - 110	P	10/15/2024	13:23	LB132951
	Chromium	962	1000	96	90 - 110	P	10/15/2024	13:23	LB132951
	Cobalt	2390	2500	96	90 - 110	P	10/15/2024	13:23	LB132951
	Copper	1240	1250	99	90 - 110	P	10/15/2024	13:23	LB132951
	Iron	4850	5000	97	90 - 110	P	10/15/2024	13:23	LB132951
	Lead	4760	5000	95	90 - 110	P	10/15/2024	13:23	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24200	25000	97	90 - 110	P	10/15/2024	13:23	LB132951
	Manganese	2430	2500	97	90 - 110	P	10/15/2024	13:23	LB132951
	Nickel	2390	2500	96	90 - 110	P	10/15/2024	13:23	LB132951
	Potassium	24600	25000	99	90 - 110	P	10/15/2024	13:23	LB132951
	Selenium	5000	5000	100	90 - 110	P	10/15/2024	13:23	LB132951
	Silver	1210	1250	97	90 - 110	P	10/15/2024	13:23	LB132951
	Sodium	24000	25000	96	90 - 110	P	10/15/2024	13:23	LB132951
	Thallium	4870	5000	97	90 - 110	P	10/15/2024	13:23	LB132951
	Vanadium	2510	2500	100	90 - 110	P	10/15/2024	13:23	LB132951
	Zinc	2460	2500	98	90 - 110	P	10/15/2024	13:23	LB132951
CCV03	Aluminum	9810	10000	98	90 - 110	P	10/15/2024	14:07	LB132951
	Antimony	4830	5000	97	90 - 110	P	10/15/2024	14:07	LB132951
	Arsenic	4770	5000	96	90 - 110	P	10/15/2024	14:07	LB132951
	Barium	9670	10000	97	90 - 110	P	10/15/2024	14:07	LB132951
	Beryllium	237	250	95	90 - 110	P	10/15/2024	14:07	LB132951
	Cadmium	2320	2500	93	90 - 110	P	10/15/2024	14:07	LB132951
	Calcium	23800	25000	95	90 - 110	P	10/15/2024	14:07	LB132951
	Chromium	929	1000	93	90 - 110	P	10/15/2024	14:07	LB132951
	Cobalt	2320	2500	93	90 - 110	P	10/15/2024	14:07	LB132951
	Copper	1200	1250	96	90 - 110	P	10/15/2024	14:07	LB132951
	Iron	4530	5000	91	90 - 110	P	10/15/2024	14:07	LB132951
	Lead	4630	5000	93	90 - 110	P	10/15/2024	14:07	LB132951
	Magnesium	23700	25000	95	90 - 110	P	10/15/2024	14:07	LB132951
	Manganese	2380	2500	95	90 - 110	P	10/15/2024	14:07	LB132951
	Nickel	2320	2500	93	90 - 110	P	10/15/2024	14:07	LB132951
	Potassium	23300	25000	93	90 - 110	P	10/15/2024	14:07	LB132951
	Selenium	4840	5000	97	90 - 110	P	10/15/2024	14:07	LB132951
	Silver	1170	1250	94	90 - 110	P	10/15/2024	14:07	LB132951
	Sodium	22800	25000	91	90 - 110	P	10/15/2024	14:07	LB132951
	Thallium	4780	5000	96	90 - 110	P	10/15/2024	14:07	LB132951
	Vanadium	2430	2500	97	90 - 110	P	10/15/2024	14:07	LB132951
	Zinc	2400	2500	96	90 - 110	P	10/15/2024	14:07	LB132951
CCV04	Aluminum	10300	10000	103	90 - 110	P	10/15/2024	14:35	LB132951
	Antimony	4810	5000	96	90 - 110	P	10/15/2024	14:35	LB132951

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4720	5000	94	90 - 110	P	10/15/2024	14:35	LB132951
	Barium	10200	10000	102	90 - 110	P	10/15/2024	14:35	LB132951
	Beryllium	255	250	102	90 - 110	P	10/15/2024	14:35	LB132951
	Cadmium	2320	2500	93	90 - 110	P	10/15/2024	14:35	LB132951
	Calcium	25100	25000	100	90 - 110	P	10/15/2024	14:35	LB132951
	Chromium	961	1000	96	90 - 110	P	10/15/2024	14:35	LB132951
	Cobalt	2330	2500	93	90 - 110	P	10/15/2024	14:35	LB132951
	Copper	1200	1250	96	90 - 110	P	10/15/2024	14:35	LB132951
	Iron	4690	5000	94	90 - 110	P	10/15/2024	14:35	LB132951
	Lead	4650	5000	93	90 - 110	P	10/15/2024	14:35	LB132951
	Magnesium	25000	25000	100	90 - 110	P	10/15/2024	14:35	LB132951
	Manganese	2520	2500	101	90 - 110	P	10/15/2024	14:35	LB132951
	Nickel	2330	2500	93	90 - 110	P	10/15/2024	14:35	LB132951
	Potassium	24000	25000	96	90 - 110	P	10/15/2024	14:35	LB132951
	Selenium	4740	5000	95	90 - 110	P	10/15/2024	14:35	LB132951
	Silver	1220	1250	97	90 - 110	P	10/15/2024	14:35	LB132951
	Sodium	23500	25000	94	90 - 110	P	10/15/2024	14:35	LB132951
	Thallium	4740	5000	95	90 - 110	P	10/15/2024	14:35	LB132951
	Vanadium	2550	2500	102	90 - 110	P	10/15/2024	14:35	LB132951
	Zinc	2470	2500	99	90 - 110	P	10/15/2024	14:35	LB132951
CCV05	Aluminum	9830	10000	98	90 - 110	P	10/15/2024	15:26	LB132951
	Antimony	4880	5000	98	90 - 110	P	10/15/2024	15:26	LB132951
	Arsenic	4810	5000	96	90 - 110	P	10/15/2024	15:26	LB132951
	Barium	9850	10000	98	90 - 110	P	10/15/2024	15:26	LB132951
	Beryllium	236	250	95	90 - 110	P	10/15/2024	15:26	LB132951
	Cadmium	2370	2500	95	90 - 110	P	10/15/2024	15:26	LB132951
	Calcium	24300	25000	97	90 - 110	P	10/15/2024	15:26	LB132951
	Chromium	949	1000	95	90 - 110	P	10/15/2024	15:26	LB132951
	Cobalt	2370	2500	95	90 - 110	P	10/15/2024	15:26	LB132951
	Copper	1220	1250	97	90 - 110	P	10/15/2024	15:26	LB132951
	Iron	4740	5000	95	90 - 110	P	10/15/2024	15:26	LB132951
	Lead	4740	5000	95	90 - 110	P	10/15/2024	15:26	LB132951
	Magnesium	24000	25000	96	90 - 110	P	10/15/2024	15:26	LB132951
	Manganese	2410	2500	96	90 - 110	P	10/15/2024	15:26	LB132951

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2370	2500	95	90 - 110	P	10/15/2024	15:26	LB132951
	Potassium	24000	25000	96	90 - 110	P	10/15/2024	15:26	LB132951
	Selenium	4850	5000	97	90 - 110	P	10/15/2024	15:26	LB132951
	Silver	1200	1250	96	90 - 110	P	10/15/2024	15:26	LB132951
	Sodium	23200	25000	93	90 - 110	P	10/15/2024	15:26	LB132951
	Thallium	4790	5000	96	90 - 110	P	10/15/2024	15:26	LB132951
	Vanadium	2460	2500	98	90 - 110	P	10/15/2024	15:26	LB132951
	Zinc	2440	2500	98	90 - 110	P	10/15/2024	15:26	LB132951
CCV06	Aluminum	9870	10000	99	90 - 110	P	10/15/2024	16:17	LB132951
	Antimony	4840	5000	97	90 - 110	P	10/15/2024	16:17	LB132951
	Arsenic	4780	5000	96	90 - 110	P	10/15/2024	16:17	LB132951
	Barium	9880	10000	99	90 - 110	P	10/15/2024	16:17	LB132951
	Beryllium	250	250	100	90 - 110	P	10/15/2024	16:17	LB132951
	Cadmium	2350	2500	94	90 - 110	P	10/15/2024	16:17	LB132951
	Calcium	24300	25000	97	90 - 110	P	10/15/2024	16:17	LB132951
	Chromium	951	1000	95	90 - 110	P	10/15/2024	16:17	LB132951
	Cobalt	2360	2500	94	90 - 110	P	10/15/2024	16:17	LB132951
	Copper	1210	1250	97	90 - 110	P	10/15/2024	16:17	LB132951
	Iron	4620	5000	92	90 - 110	P	10/15/2024	16:17	LB132951
	Lead	4710	5000	94	90 - 110	P	10/15/2024	16:17	LB132951
	Magnesium	24300	25000	97	90 - 110	P	10/15/2024	16:17	LB132951
	Manganese	2440	2500	97	90 - 110	P	10/15/2024	16:17	LB132951
	Nickel	2360	2500	94	90 - 110	P	10/15/2024	16:17	LB132951
	Potassium	23100	25000	92	90 - 110	P	10/15/2024	16:17	LB132951
	Selenium	4820	5000	96	90 - 110	P	10/15/2024	16:17	LB132951
	Silver	1200	1250	96	90 - 110	P	10/15/2024	16:17	LB132951
	Sodium	22600	25000	90	90 - 110	P	10/15/2024	16:17	LB132951
	Thallium	4940	5000	99	90 - 110	P	10/15/2024	16:17	LB132951
	Vanadium	2460	2500	98	90 - 110	P	10/15/2024	16:17	LB132951
	Zinc	2290	2500	92	90 - 110	P	10/15/2024	16:17	LB132951
CCV07	Aluminum	9910	10000	99	90 - 110	P	10/15/2024	17:14	LB132951
	Antimony	5000	5000	100	90 - 110	P	10/15/2024	17:14	LB132951
	Arsenic	4940	5000	99	90 - 110	P	10/15/2024	17:14	LB132951
	Barium	9740	10000	97	90 - 110	P	10/15/2024	17:14	LB132951

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	248	250	99	90 - 110	P	10/15/2024	17:14	LB132951
	Cadmium	2400	2500	96	90 - 110	P	10/15/2024	17:14	LB132951
	Calcium	24200	25000	97	90 - 110	P	10/15/2024	17:14	LB132951
	Chromium	948	1000	95	90 - 110	P	10/15/2024	17:14	LB132951
	Cobalt	2400	2500	96	90 - 110	P	10/15/2024	17:14	LB132951
	Copper	1240	1250	99	90 - 110	P	10/15/2024	17:14	LB132951
	Iron	4590	5000	92	90 - 110	P	10/15/2024	17:14	LB132951
	Lead	4800	5000	96	90 - 110	P	10/15/2024	17:14	LB132951
	Magnesium	24100	25000	97	90 - 110	P	10/15/2024	17:14	LB132951
	Manganese	2420	2500	97	90 - 110	P	10/15/2024	17:14	LB132951
	Nickel	2410	2500	96	90 - 110	P	10/15/2024	17:14	LB132951
	Potassium	22900	25000	92	90 - 110	P	10/15/2024	17:14	LB132951
	Selenium	5020	5000	100	90 - 110	P	10/15/2024	17:14	LB132951
	Silver	1200	1250	96	90 - 110	P	10/15/2024	17:14	LB132951
	Sodium	26100	25000	104	90 - 110	P	10/15/2024	17:14	LB132951
	Thallium	4970	5000	99	90 - 110	P	10/15/2024	17:14	LB132951
	Vanadium	2470	2500	99	90 - 110	P	10/15/2024	17:14	LB132951
	Zinc	2590	2500	104	90 - 110	P	10/15/2024	17:14	LB132951
CCV08	Aluminum	10000	10000	100	90 - 110	P	10/15/2024	17:49	LB132951
	Antimony	4980	5000	100	90 - 110	P	10/15/2024	17:49	LB132951
	Arsenic	4880	5000	98	90 - 110	P	10/15/2024	17:49	LB132951
	Barium	9900	10000	99	90 - 110	P	10/15/2024	17:49	LB132951
	Beryllium	242	250	97	90 - 110	P	10/15/2024	17:49	LB132951
	Cadmium	2370	2500	95	90 - 110	P	10/15/2024	17:49	LB132951
	Calcium	24400	25000	98	90 - 110	P	10/15/2024	17:49	LB132951
	Chromium	968	1000	97	90 - 110	P	10/15/2024	17:49	LB132951
	Cobalt	2380	2500	95	90 - 110	P	10/15/2024	17:49	LB132951
	Copper	1230	1250	99	90 - 110	P	10/15/2024	17:49	LB132951
	Iron	4820	5000	96	90 - 110	P	10/15/2024	17:49	LB132951
	Lead	4750	5000	95	90 - 110	P	10/15/2024	17:49	LB132951
	Magnesium	24300	25000	97	90 - 110	P	10/15/2024	17:49	LB132951
	Manganese	2430	2500	97	90 - 110	P	10/15/2024	17:49	LB132951
	Nickel	2380	2500	95	90 - 110	P	10/15/2024	17:49	LB132951
	Potassium	23900	25000	96	90 - 110	P	10/15/2024	17:49	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258
Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV08	Selenium	4960	5000	99	90 - 110	P	10/15/2024	17:49	LB132951
	Silver	1220	1250	98	90 - 110	P	10/15/2024	17:49	LB132951
	Sodium	23200	25000	93	90 - 110	P	10/15/2024	17:49	LB132951
	Thallium	4810	5000	96	90 - 110	P	10/15/2024	17:49	LB132951
	Vanadium	2510	2500	100	90 - 110	P	10/15/2024	17:49	LB132951
	Zinc	2700	2500	108	90 - 110	P	10/15/2024	17:49	LB132951

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2330	2500	93	90 - 110	P	10/18/2024	13:08	LB133014
	Antimony	1020	1000	102	90 - 110	P	10/18/2024	13:08	LB133014
	Arsenic	1030	1000	103	90 - 110	P	10/18/2024	13:08	LB133014
	Barium	498	520	96	90 - 110	P	10/18/2024	13:08	LB133014
	Beryllium	504	510	99	90 - 110	P	10/18/2024	13:08	LB133014
	Cadmium	517	510	101	90 - 110	P	10/18/2024	13:08	LB133014
	Calcium	9990	10000	100	90 - 110	P	10/18/2024	13:08	LB133014
	Chromium	551	520	106	90 - 110	P	10/18/2024	13:08	LB133014
	Cobalt	533	520	103	90 - 110	P	10/18/2024	13:08	LB133014
	Copper	544	510	107	90 - 110	P	10/18/2024	13:08	LB133014
	Iron	10500	10000	104	90 - 110	P	10/18/2024	13:08	LB133014
	Lead	1030	1000	103	90 - 110	P	10/18/2024	13:08	LB133014
	Magnesium	5790	6000	96	90 - 110	P	10/18/2024	13:08	LB133014
	Manganese	512	520	98	90 - 110	P	10/18/2024	13:08	LB133014
	Nickel	536	530	101	90 - 110	P	10/18/2024	13:08	LB133014
	Potassium	10300	9900	104	90 - 110	P	10/18/2024	13:08	LB133014
	Selenium	1030	1000	103	90 - 110	P	10/18/2024	13:08	LB133014
	Silver	269	250	108	90 - 110	P	10/18/2024	13:08	LB133014
	Sodium	10100	10000	101	90 - 110	P	10/18/2024	13:08	LB133014
	Thallium	1080	1000	108	90 - 110	P	10/18/2024	13:08	LB133014
	Vanadium	486	500	97	90 - 110	P	10/18/2024	13:08	LB133014
	Zinc	1070	1000	107	90 - 110	P	10/18/2024	13:08	LB133014

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	95.8	100	96	80 - 120	P	10/18/2024	13:13	LB133014
	Antimony	47.7	50.0	95	80 - 120	P	10/18/2024	13:13	LB133014
	Arsenic	19.3	20.0	97	80 - 120	P	10/18/2024	13:13	LB133014
	Barium	92.1	100	92	80 - 120	P	10/18/2024	13:13	LB133014
	Beryllium	5.87	6.0	98	80 - 120	P	10/18/2024	13:13	LB133014
	Cadmium	5.61	6.0	94	80 - 120	P	10/18/2024	13:13	LB133014
	Calcium	1900	2000	95	80 - 120	P	10/18/2024	13:13	LB133014
	Chromium	9.84	10.0	98	80 - 120	P	10/18/2024	13:13	LB133014
	Cobalt	28.9	30.0	96	80 - 120	P	10/18/2024	13:13	LB133014
	Copper	21.7	20.0	108	80 - 120	P	10/18/2024	13:13	LB133014
	Iron	105	100	105	80 - 120	P	10/18/2024	13:13	LB133014
	Lead	14.2	12.0	118	80 - 120	P	10/18/2024	13:13	LB133014
	Magnesium	2010	2000	100	80 - 120	P	10/18/2024	13:13	LB133014
	Manganese	19.0	20.0	95	80 - 120	P	10/18/2024	13:13	LB133014
	Nickel	38.7	40.0	97	80 - 120	P	10/18/2024	13:13	LB133014
	Potassium	1920	2000	96	80 - 120	P	10/18/2024	13:13	LB133014
	Selenium	17.4	20.0	87	80 - 120	P	10/18/2024	13:13	LB133014
	Silver	11.8	10.0	118	80 - 120	P	10/18/2024	13:13	LB133014
	Sodium	1880	2000	94	80 - 120	P	10/18/2024	13:13	LB133014
	Thallium	39.2	40.0	98	80 - 120	P	10/18/2024	13:13	LB133014
	Vanadium	37.8	40.0	94	80 - 120	P	10/18/2024	13:13	LB133014
	Zinc	41.1	40.0	103	80 - 120	P	10/18/2024	13:13	LB133014

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9900	10000	99	90 - 110	P	10/18/2024	14:00	LB133014
	Antimony	5110	5000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Arsenic	5310	5000	106	90 - 110	P	10/18/2024	14:00	LB133014
	Barium	9920	10000	99	90 - 110	P	10/18/2024	14:00	LB133014
	Beryllium	251	250	100	90 - 110	P	10/18/2024	14:00	LB133014
	Cadmium	2620	2500	105	90 - 110	P	10/18/2024	14:00	LB133014
	Calcium	25000	25000	100	90 - 110	P	10/18/2024	14:00	LB133014
	Chromium	1030	1000	103	90 - 110	P	10/18/2024	14:00	LB133014
	Cobalt	2530	2500	101	90 - 110	P	10/18/2024	14:00	LB133014
	Copper	1280	1250	102	90 - 110	P	10/18/2024	14:00	LB133014
	Iron	5120	5000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Lead	5220	5000	104	90 - 110	P	10/18/2024	14:00	LB133014
	Magnesium	25000	25000	100	90 - 110	P	10/18/2024	14:00	LB133014
	Manganese	2480	2500	99	90 - 110	P	10/18/2024	14:00	LB133014
	Nickel	2530	2500	101	90 - 110	P	10/18/2024	14:00	LB133014
	Potassium	25400	25000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Selenium	5250	5000	105	90 - 110	P	10/18/2024	14:00	LB133014
	Silver	1280	1250	103	90 - 110	P	10/18/2024	14:00	LB133014
	Sodium	25200	25000	101	90 - 110	P	10/18/2024	14:00	LB133014
	Thallium	5120	5000	102	90 - 110	P	10/18/2024	14:00	LB133014
	Vanadium	2490	2500	100	90 - 110	P	10/18/2024	14:00	LB133014
	Zinc	2560	2500	102	90 - 110	P	10/18/2024	14:00	LB133014
CCV02	Aluminum	9570	10000	96	90 - 110	P	10/18/2024	14:53	LB133014
	Antimony	4850	5000	97	90 - 110	P	10/18/2024	14:53	LB133014
	Arsenic	5040	5000	101	90 - 110	P	10/18/2024	14:53	LB133014
	Barium	9490	10000	95	90 - 110	P	10/18/2024	14:53	LB133014
	Beryllium	246	250	98	90 - 110	P	10/18/2024	14:53	LB133014
	Cadmium	2500	2500	100	90 - 110	P	10/18/2024	14:53	LB133014
	Calcium	24000	25000	96	90 - 110	P	10/18/2024	14:53	LB133014
	Chromium	1000	1000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Cobalt	2410	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Copper	1210	1250	96	90 - 110	P	10/18/2024	14:53	LB133014
	Iron	5030	5000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Lead	5010	5000	100	90 - 110	P	10/18/2024	14:53	LB133014

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp **SDG No.:** P4258

Contract: ROMA02 **Lab Code:** CHEM **Case No.:** P4258 **SAS No.:** P4258

Initial Calibration Source: EPA

Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV02	Magnesium	24000	25000	96	90 - 110	P	10/18/2024	14:53	LB133014
	Manganese	2390	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Nickel	2410	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Potassium	24900	25000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Selenium	4990	5000	100	90 - 110	P	10/18/2024	14:53	LB133014
	Silver	1260	1250	101	90 - 110	P	10/18/2024	14:53	LB133014
	Sodium	24800	25000	99	90 - 110	P	10/18/2024	14:53	LB133014
	Thallium	5350	5000	107	90 - 110	P	10/18/2024	14:53	LB133014
	Vanadium	2390	2500	96	90 - 110	P	10/18/2024	14:53	LB133014
	Zinc	2500	2500	100	90 - 110	P	10/18/2024	14:53	LB133014
CCV03	Aluminum	9330	10000	93	90 - 110	P	10/18/2024	16:05	LB133014
	Antimony	4690	5000	94	90 - 110	P	10/18/2024	16:05	LB133014
	Arsenic	4920	5000	98	90 - 110	P	10/18/2024	16:05	LB133014
	Barium	9220	10000	92	90 - 110	P	10/18/2024	16:05	LB133014
	Beryllium	255	250	102	90 - 110	P	10/18/2024	16:05	LB133014
	Cadmium	2500	2500	100	90 - 110	P	10/18/2024	16:05	LB133014
	Calcium	23900	25000	96	90 - 110	P	10/18/2024	16:05	LB133014
	Chromium	984	1000	98	90 - 110	P	10/18/2024	16:05	LB133014
	Cobalt	2390	2500	96	90 - 110	P	10/18/2024	16:05	LB133014
	Copper	1180	1250	94	90 - 110	P	10/18/2024	16:05	LB133014
	Iron	4600	5000	92	90 - 110	P	10/18/2024	16:05	LB133014
	Lead	4990	5000	100	90 - 110	P	10/18/2024	16:05	LB133014
	Magnesium	23600	25000	94	90 - 110	P	10/18/2024	16:05	LB133014
	Manganese	2290	2500	92	90 - 110	P	10/18/2024	16:05	LB133014
	Nickel	2400	2500	96	90 - 110	P	10/18/2024	16:05	LB133014
	Potassium	22500	25000	90	90 - 110	P	10/18/2024	16:05	LB133014
	Selenium	4840	5000	97	90 - 110	P	10/18/2024	16:05	LB133014
	Silver	1200	1250	96	90 - 110	P	10/18/2024	16:05	LB133014
	Sodium	24500	25000	98	90 - 110	P	10/18/2024	16:05	LB133014
	Thallium	5190	5000	104	90 - 110	P	10/18/2024	16:05	LB133014
	Vanadium	2310	2500	92	90 - 110	P	10/18/2024	16:05	LB133014
	Zinc	2360	2500	95	90 - 110	P	10/18/2024	16:05	LB133014
CCV04	Aluminum	9210	10000	92	90 - 110	P	10/18/2024	17:28	LB133014
	Antimony	4730	5000	95	90 - 110	P	10/18/2024	17:28	LB133014

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Roman E&G Corp SDG No.: P4258
Contract: ROMA02 Lab Code: CHEM Case No.: P4258 SAS No.: P4258
Initial Calibration Source: EPA
Continuing Calibration Source: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	4890	5000	98	90 - 110	P	10/18/2024	17:28	LB133014
	Barium	9280	10000	93	90 - 110	P	10/18/2024	17:28	LB133014
	Beryllium	242	250	97	90 - 110	P	10/18/2024	17:28	LB133014
	Cadmium	2420	2500	97	90 - 110	P	10/18/2024	17:28	LB133014
	Calcium	23100	25000	92	90 - 110	P	10/18/2024	17:28	LB133014
	Chromium	954	1000	95	90 - 110	P	10/18/2024	17:28	LB133014
	Cobalt	2330	2500	93	90 - 110	P	10/18/2024	17:28	LB133014
	Copper	1170	1250	94	90 - 110	P	10/18/2024	17:28	LB133014
	Iron	4420	5000	88	90 - 110	P	10/18/2024	17:28	LB133014
	Lead	4850	5000	97	90 - 110	P	10/18/2024	17:28	LB133014
	Magnesium	22400	25000	90	90 - 110	P	10/18/2024	17:28	LB133014
	Manganese	2230	2500	89	90 - 110	P	10/18/2024	17:28	LB133014
	Nickel	2330	2500	93	90 - 110	P	10/18/2024	17:28	LB133014
	Potassium	23500	25000	94	90 - 110	P	10/18/2024	17:28	LB133014
	Selenium	4850	5000	97	90 - 110	P	10/18/2024	17:28	LB133014
	Silver	1200	1250	96	90 - 110	P	10/18/2024	17:28	LB133014
	Sodium	23300	25000	93	90 - 110	P	10/18/2024	17:28	LB133014
	Thallium	5110	5000	102	90 - 110	P	10/18/2024	17:28	LB133014
	Vanadium	2250	2500	90	90 - 110	P	10/18/2024	17:28	LB133014
	Zinc	2370	2500	95	90 - 110	P	10/18/2024	17:28	LB133014