

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2074
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2074 **SAS No.:** Q2074
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
ICV12	Mercury	3.99	4.0	100	90 - 110	CV	05/20/2025	12:58	LB135837



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Client:	<u>CDM Smith</u>	SDG No.:	<u>Q2074</u>				
Contract:	<u>CAMP02</u>	Lab Code:	<u>CHEM</u>	Case No.:	<u>Q2074</u>	SAS No.:	<u>Q2074</u>
Initial Calibration Source:	<u>EPA</u>						
Continuing Calibration Source:	<u>PLASMA-PURE</u>						

Sample ID	Analyte	Result	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
		ug/L							
CCV45	Mercury	4.90	5.0	98	90 - 110	CV	05/20/2025	13:03	LB135837
CCV46	Mercury	4.73	5.0	95	90 - 110	CV	05/20/2025	13:33	LB135837
CCV47	Mercury	4.80	5.0	96	90 - 110	CV	05/20/2025	14:01	LB135837
CCV48	Mercury	4.90	5.0	98	90 - 110	CV	05/20/2025	14:29	LB135837
CCV49	Mercury	5.16	5.0	103	90 - 110	CV	05/20/2025	14:52	LB135837
CCV50	Mercury	5.14	5.0	103	90 - 110	CV	05/20/2025	15:05	LB135837

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2074
Contract: CAMP02 Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074
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	2410	2500	96	90 - 110	P	05/21/2025	13:19	LB135868
	Antimony	1010	1000	101	90 - 110	P	05/21/2025	13:19	LB135868
	Arsenic	1020	1000	102	90 - 110	P	05/21/2025	13:19	LB135868
	Barium	535	520	103	90 - 110	P	05/21/2025	13:19	LB135868
	Beryllium	478	510	94	90 - 110	P	05/21/2025	13:19	LB135868
	Cadmium	510	510	100	90 - 110	P	05/21/2025	13:19	LB135868
	Calcium	9470	10000	95	90 - 110	P	05/21/2025	13:19	LB135868
	Chromium	514	520	99	90 - 110	P	05/21/2025	13:19	LB135868
	Cobalt	498	520	96	90 - 110	P	05/21/2025	13:19	LB135868
	Copper	514	510	101	90 - 110	P	05/21/2025	13:19	LB135868
	Iron	10400	10000	104	90 - 110	P	05/21/2025	13:19	LB135868
	Lead	989	1000	99	90 - 110	P	05/21/2025	13:19	LB135868
	Magnesium	5600	6000	93	90 - 110	P	05/21/2025	13:19	LB135868
	Manganese	486	520	93	90 - 110	P	05/21/2025	13:19	LB135868
	Nickel	501	530	94	90 - 110	P	05/21/2025	13:19	LB135868
	Potassium	10700	9900	108	90 - 110	P	05/21/2025	13:19	LB135868
	Selenium	1050	1000	105	90 - 110	P	05/21/2025	13:19	LB135868
	Silver	264	250	106	90 - 110	P	05/21/2025	13:19	LB135868
	Sodium	10100	10000	101	90 - 110	P	05/21/2025	13:19	LB135868
	Thallium	1030	1000	103	90 - 110	P	05/21/2025	13:19	LB135868
	Vanadium	473	500	95	90 - 110	P	05/21/2025	13:19	LB135868
	Zinc	1010	1000	101	90 - 110	P	05/21/2025	13:19	LB135868

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2074
Contract: CAMP02 Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074
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	05/21/2025	13:29	LB135868
	Antimony	50.1	50.0	100	80 - 120	P	05/21/2025	13:29	LB135868
	Arsenic	17.0	20.0	85	80 - 120	P	05/21/2025	13:29	LB135868
	Barium	90.6	100	91	80 - 120	P	05/21/2025	13:29	LB135868
	Beryllium	6.01	6.0	100	80 - 120	P	05/21/2025	13:29	LB135868
	Cadmium	6.06	6.0	101	80 - 120	P	05/21/2025	13:29	LB135868
	Calcium	2020	2000	101	80 - 120	P	05/21/2025	13:29	LB135868
	Chromium	10.3	10.0	103	80 - 120	P	05/21/2025	13:29	LB135868
	Cobalt	29.7	30.0	99	80 - 120	P	05/21/2025	13:29	LB135868
	Copper	21.8	20.0	109	80 - 120	P	05/21/2025	13:29	LB135868
	Iron	105	100	105	80 - 120	P	05/21/2025	13:29	LB135868
	Lead	11.0	12.0	92	80 - 120	P	05/21/2025	13:29	LB135868
	Magnesium	2060	2000	103	80 - 120	P	05/21/2025	13:29	LB135868
	Manganese	22.2	20.0	111	80 - 120	P	05/21/2025	13:29	LB135868
	Nickel	39.6	40.0	99	80 - 120	P	05/21/2025	13:29	LB135868
	Potassium	1920	2000	96	80 - 120	P	05/21/2025	13:29	LB135868
	Selenium	19.5	20.0	98	80 - 120	P	05/21/2025	13:29	LB135868
	Silver	11.0	10.0	110	80 - 120	P	05/21/2025	13:29	LB135868
	Sodium	1900	2000	95	80 - 120	P	05/21/2025	13:29	LB135868
	Thallium	40.7	40.0	102	80 - 120	P	05/21/2025	13:29	LB135868
	Vanadium	40.1	40.0	100	80 - 120	P	05/21/2025	13:29	LB135868
	Zinc	43.2	40.0	108	80 - 120	P	05/21/2025	13:29	LB135868

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2074
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2074 **SAS No.:** Q2074
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	9680	10000	97	90 - 110	P	05/21/2025	14:09	LB135868
	Antimony	4890	5000	98	90 - 110	P	05/21/2025	14:09	LB135868
	Arsenic	4850	5000	97	90 - 110	P	05/21/2025	14:09	LB135868
	Barium	9920	10000	99	90 - 110	P	05/21/2025	14:09	LB135868
	Beryllium	234	250	94	90 - 110	P	05/21/2025	14:09	LB135868
	Cadmium	2430	2500	97	90 - 110	P	05/21/2025	14:09	LB135868
	Calcium	24400	25000	98	90 - 110	P	05/21/2025	14:09	LB135868
	Chromium	984	1000	98	90 - 110	P	05/21/2025	14:09	LB135868
	Cobalt	2430	2500	97	90 - 110	P	05/21/2025	14:09	LB135868
	Copper	1230	1250	98	90 - 110	P	05/21/2025	14:09	LB135868
	Iron	5060	5000	101	90 - 110	P	05/21/2025	14:09	LB135868
	Lead	4900	5000	98	90 - 110	P	05/21/2025	14:09	LB135868
	Magnesium	24200	25000	97	90 - 110	P	05/21/2025	14:09	LB135868
	Manganese	2450	2500	98	90 - 110	P	05/21/2025	14:09	LB135868
	Nickel	2440	2500	98	90 - 110	P	05/21/2025	14:09	LB135868
	Potassium	25100	25000	100	90 - 110	P	05/21/2025	14:09	LB135868
	Selenium	4860	5000	97	90 - 110	P	05/21/2025	14:09	LB135868
	Silver	1220	1250	98	90 - 110	P	05/21/2025	14:09	LB135868
	Sodium	25300	25000	101	90 - 110	P	05/21/2025	14:09	LB135868
	Thallium	4970	5000	99	90 - 110	P	05/21/2025	14:09	LB135868
	Vanadium	2450	2500	98	90 - 110	P	05/21/2025	14:09	LB135868
	Zinc	2470	2500	99	90 - 110	P	05/21/2025	14:09	LB135868
CCV02	Aluminum	9670	10000	97	90 - 110	P	05/21/2025	15:00	LB135868
	Antimony	4830	5000	96	90 - 110	P	05/21/2025	15:00	LB135868
	Arsenic	4860	5000	97	90 - 110	P	05/21/2025	15:00	LB135868
	Barium	9490	10000	95	90 - 110	P	05/21/2025	15:00	LB135868
	Beryllium	242	250	97	90 - 110	P	05/21/2025	15:00	LB135868
	Cadmium	2460	2500	98	90 - 110	P	05/21/2025	15:00	LB135868
	Calcium	24400	25000	98	90 - 110	P	05/21/2025	15:00	LB135868
	Chromium	995	1000	100	90 - 110	P	05/21/2025	15:00	LB135868
	Cobalt	2440	2500	98	90 - 110	P	05/21/2025	15:00	LB135868
	Copper	1220	1250	98	90 - 110	P	05/21/2025	15:00	LB135868
	Iron	4930	5000	99	90 - 110	P	05/21/2025	15:00	LB135868
	Lead	4910	5000	98	90 - 110	P	05/21/2025	15:00	LB135868

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2074
Contract: CAMP02 Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074
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	24500	25000	98	90 - 110	P	05/21/2025	15:00	LB135868
	Manganese	2410	2500	96	90 - 110	P	05/21/2025	15:00	LB135868
	Nickel	2450	2500	98	90 - 110	P	05/21/2025	15:00	LB135868
	Potassium	24200	25000	97	90 - 110	P	05/21/2025	15:00	LB135868
	Selenium	4860	5000	97	90 - 110	P	05/21/2025	15:00	LB135868
	Silver	1220	1250	98	90 - 110	P	05/21/2025	15:00	LB135868
	Sodium	24000	25000	96	90 - 110	P	05/21/2025	15:00	LB135868
	Thallium	4820	5000	96	90 - 110	P	05/21/2025	15:00	LB135868
	Vanadium	2430	2500	97	90 - 110	P	05/21/2025	15:00	LB135868
	Zinc	2440	2500	98	90 - 110	P	05/21/2025	15:00	LB135868
CCV03	Aluminum	9720	10000	97	90 - 110	P	05/21/2025	16:02	LB135868
	Antimony	4810	5000	96	90 - 110	P	05/21/2025	16:02	LB135868
	Arsenic	4780	5000	96	90 - 110	P	05/21/2025	16:02	LB135868
	Barium	9430	10000	94	90 - 110	P	05/21/2025	16:02	LB135868
	Beryllium	244	250	98	90 - 110	P	05/21/2025	16:02	LB135868
	Cadmium	2390	2500	96	90 - 110	P	05/21/2025	16:02	LB135868
	Calcium	24100	25000	96	90 - 110	P	05/21/2025	16:02	LB135868
	Chromium	983	1000	98	90 - 110	P	05/21/2025	16:02	LB135868
	Cobalt	2390	2500	96	90 - 110	P	05/21/2025	16:02	LB135868
	Copper	1210	1250	97	90 - 110	P	05/21/2025	16:02	LB135868
	Iron	4860	5000	97	90 - 110	P	05/21/2025	16:02	LB135868
	Lead	4810	5000	96	90 - 110	P	05/21/2025	16:02	LB135868
	Magnesium	24000	25000	96	90 - 110	P	05/21/2025	16:02	LB135868
	Manganese	2390	2500	96	90 - 110	P	05/21/2025	16:02	LB135868
	Nickel	2400	2500	96	90 - 110	P	05/21/2025	16:02	LB135868
	Potassium	23900	25000	96	90 - 110	P	05/21/2025	16:02	LB135868
	Selenium	4790	5000	96	90 - 110	P	05/21/2025	16:02	LB135868
	Silver	1220	1250	98	90 - 110	P	05/21/2025	16:02	LB135868
	Sodium	23600	25000	94	90 - 110	P	05/21/2025	16:02	LB135868
	Thallium	4670	5000	93	90 - 110	P	05/21/2025	16:02	LB135868
	Vanadium	2420	2500	97	90 - 110	P	05/21/2025	16:02	LB135868
	Zinc	2460	2500	98	90 - 110	P	05/21/2025	16:02	LB135868
CCV04	Aluminum	9550	10000	96	90 - 110	P	05/21/2025	17:27	LB135868
	Antimony	4750	5000	95	90 - 110	P	05/21/2025	17:27	LB135868

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2074
Contract: CAMP02 Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074
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	4680	5000	94	90 - 110	P	05/21/2025	17:27	LB135868
	Barium	9490	10000	95	90 - 110	P	05/21/2025	17:27	LB135868
	Beryllium	244	250	98	90 - 110	P	05/21/2025	17:27	LB135868
	Cadmium	2370	2500	95	90 - 110	P	05/21/2025	17:27	LB135868
	Calcium	24000	25000	96	90 - 110	P	05/21/2025	17:27	LB135868
	Chromium	961	1000	96	90 - 110	P	05/21/2025	17:27	LB135868
	Cobalt	2370	2500	95	90 - 110	P	05/21/2025	17:27	LB135868
	Copper	1190	1250	96	90 - 110	P	05/21/2025	17:27	LB135868
	Iron	4790	5000	96	90 - 110	P	05/21/2025	17:27	LB135868
	Lead	4790	5000	96	90 - 110	P	05/21/2025	17:27	LB135868
	Magnesium	23900	25000	96	90 - 110	P	05/21/2025	17:27	LB135868
	Manganese	2420	2500	97	90 - 110	P	05/21/2025	17:27	LB135868
	Nickel	2380	2500	95	90 - 110	P	05/21/2025	17:27	LB135868
	Potassium	23400	25000	94	90 - 110	P	05/21/2025	17:27	LB135868
	Selenium	4700	5000	94	90 - 110	P	05/21/2025	17:27	LB135868
	Silver	1200	1250	96	90 - 110	P	05/21/2025	17:27	LB135868
	Sodium	23500	25000	94	90 - 110	P	05/21/2025	17:27	LB135868
	Thallium	4790	5000	96	90 - 110	P	05/21/2025	17:27	LB135868
	Vanadium	2410	2500	96	90 - 110	P	05/21/2025	17:27	LB135868
	Zinc	2440	2500	97	90 - 110	P	05/21/2025	17:27	LB135868
CCV05	Aluminum	9490	10000	95	90 - 110	P	05/21/2025	18:16	LB135868
	Antimony	4730	5000	94	90 - 110	P	05/21/2025	18:16	LB135868
	Arsenic	4730	5000	95	90 - 110	P	05/21/2025	18:16	LB135868
	Barium	9440	10000	94	90 - 110	P	05/21/2025	18:16	LB135868
	Beryllium	244	250	98	90 - 110	P	05/21/2025	18:16	LB135868
	Cadmium	2410	2500	96	90 - 110	P	05/21/2025	18:16	LB135868
	Calcium	24100	25000	96	90 - 110	P	05/21/2025	18:16	LB135868
	Chromium	984	1000	98	90 - 110	P	05/21/2025	18:16	LB135868
	Cobalt	2400	2500	96	90 - 110	P	05/21/2025	18:16	LB135868
	Copper	1200	1250	96	90 - 110	P	05/21/2025	18:16	LB135868
	Iron	4870	5000	97	90 - 110	P	05/21/2025	18:16	LB135868
	Lead	4830	5000	97	90 - 110	P	05/21/2025	18:16	LB135868
	Magnesium	24300	25000	97	90 - 110	P	05/21/2025	18:16	LB135868
	Manganese	2400	2500	96	90 - 110	P	05/21/2025	18:16	LB135868

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2074
Contract: CAMP02 Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074
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	2410	2500	96	90 - 110	P	05/21/2025	18:16	LB135868
	Potassium	23500	25000	94	90 - 110	P	05/21/2025	18:16	LB135868
	Selenium	4720	5000	94	90 - 110	P	05/21/2025	18:16	LB135868
	Silver	1210	1250	96	90 - 110	P	05/21/2025	18:16	LB135868
	Sodium	23400	25000	94	90 - 110	P	05/21/2025	18:16	LB135868
	Thallium	4710	5000	94	90 - 110	P	05/21/2025	18:16	LB135868
	Vanadium	2400	2500	96	90 - 110	P	05/21/2025	18:16	LB135868
	Zinc	2430	2500	97	90 - 110	P	05/21/2025	18:16	LB135868
CCV06	Aluminum	9730	10000	97	90 - 110	P	05/21/2025	19:08	LB135868
	Antimony	4880	5000	98	90 - 110	P	05/21/2025	19:08	LB135868
	Arsenic	4940	5000	99	90 - 110	P	05/21/2025	19:08	LB135868
	Barium	9570	10000	96	90 - 110	P	05/21/2025	19:08	LB135868
	Beryllium	252	250	101	90 - 110	P	05/21/2025	19:08	LB135868
	Cadmium	2500	2500	100	90 - 110	P	05/21/2025	19:08	LB135868
	Calcium	24600	25000	98	90 - 110	P	05/21/2025	19:08	LB135868
	Chromium	1010	1000	101	90 - 110	P	05/21/2025	19:08	LB135868
	Cobalt	2480	2500	99	90 - 110	P	05/21/2025	19:08	LB135868
	Copper	1240	1250	99	90 - 110	P	05/21/2025	19:08	LB135868
	Iron	4970	5000	99	90 - 110	P	05/21/2025	19:08	LB135868
	Lead	4990	5000	100	90 - 110	P	05/21/2025	19:08	LB135868
	Magnesium	24800	25000	99	90 - 110	P	05/21/2025	19:08	LB135868
	Manganese	2430	2500	97	90 - 110	P	05/21/2025	19:08	LB135868
	Nickel	2490	2500	100	90 - 110	P	05/21/2025	19:08	LB135868
	Potassium	24000	25000	96	90 - 110	P	05/21/2025	19:08	LB135868
	Selenium	4940	5000	99	90 - 110	P	05/21/2025	19:08	LB135868
	Silver	1240	1250	100	90 - 110	P	05/21/2025	19:08	LB135868
	Sodium	23600	25000	95	90 - 110	P	05/21/2025	19:08	LB135868
	Thallium	4910	5000	98	90 - 110	P	05/21/2025	19:08	LB135868
	Vanadium	2450	2500	98	90 - 110	P	05/21/2025	19:08	LB135868
	Zinc	2490	2500	100	90 - 110	P	05/21/2025	19:08	LB135868
CCV07	Aluminum	9730	10000	97	90 - 110	P	05/21/2025	19:57	LB135868
	Antimony	4920	5000	98	90 - 110	P	05/21/2025	19:57	LB135868
	Arsenic	4940	5000	99	90 - 110	P	05/21/2025	19:57	LB135868
	Barium	9580	10000	96	90 - 110	P	05/21/2025	19:57	LB135868

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Client: CDM Smith SDG No.: Q2074
Contract: CAMP02 Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074
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	253	250	101	90 - 110	P	05/21/2025	19:57	LB135868
	Cadmium	2480	2500	99	90 - 110	P	05/21/2025	19:57	LB135868
	Calcium	24400	25000	98	90 - 110	P	05/21/2025	19:57	LB135868
	Chromium	1000	1000	100	90 - 110	P	05/21/2025	19:57	LB135868
	Cobalt	2460	2500	98	90 - 110	P	05/21/2025	19:57	LB135868
	Copper	1240	1250	99	90 - 110	P	05/21/2025	19:57	LB135868
	Iron	4920	5000	98	90 - 110	P	05/21/2025	19:57	LB135868
	Lead	4950	5000	99	90 - 110	P	05/21/2025	19:57	LB135868
	Magnesium	24600	25000	98	90 - 110	P	05/21/2025	19:57	LB135868
	Manganese	2440	2500	98	90 - 110	P	05/21/2025	19:57	LB135868
	Nickel	2470	2500	99	90 - 110	P	05/21/2025	19:57	LB135868
	Potassium	23800	25000	95	90 - 110	P	05/21/2025	19:57	LB135868
	Selenium	4970	5000	99	90 - 110	P	05/21/2025	19:57	LB135868
	Silver	1240	1250	99	90 - 110	P	05/21/2025	19:57	LB135868
	Sodium	23600	25000	94	90 - 110	P	05/21/2025	19:57	LB135868
	Thallium	4860	5000	97	90 - 110	P	05/21/2025	19:57	LB135868
	Vanadium	2440	2500	98	90 - 110	P	05/21/2025	19:57	LB135868
	Zinc	2490	2500	100	90 - 110	P	05/21/2025	19:57	LB135868
CCV08	Aluminum	9510	10000	95	90 - 110	P	05/21/2025	20:43	LB135868
	Antimony	4770	5000	95	90 - 110	P	05/21/2025	20:43	LB135868
	Arsenic	4800	5000	96	90 - 110	P	05/21/2025	20:43	LB135868
	Barium	9410	10000	94	90 - 110	P	05/21/2025	20:43	LB135868
	Beryllium	251	250	100	90 - 110	P	05/21/2025	20:43	LB135868
	Cadmium	2410	2500	96	90 - 110	P	05/21/2025	20:43	LB135868
	Calcium	23800	25000	95	90 - 110	P	05/21/2025	20:43	LB135868
	Chromium	974	1000	97	90 - 110	P	05/21/2025	20:43	LB135868
	Cobalt	2390	2500	96	90 - 110	P	05/21/2025	20:43	LB135868
	Copper	1210	1250	97	90 - 110	P	05/21/2025	20:43	LB135868
	Iron	4720	5000	94	90 - 110	P	05/21/2025	20:43	LB135868
	Lead	4820	5000	96	90 - 110	P	05/21/2025	20:43	LB135868
	Magnesium	24100	25000	96	90 - 110	P	05/21/2025	20:43	LB135868
	Manganese	2390	2500	96	90 - 110	P	05/21/2025	20:43	LB135868
	Nickel	2410	2500	96	90 - 110	P	05/21/2025	20:43	LB135868
	Potassium	22800	25000	91	90 - 110	P	05/21/2025	20:43	LB135868

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2074
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2074 **SAS No.:** Q2074
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	4820	5000	96	90 - 110	P	05/21/2025	20:43	LB135868
	Silver	1210	1250	97	90 - 110	P	05/21/2025	20:43	LB135868
	Sodium	22600	25000	90	90 - 110	P	05/21/2025	20:43	LB135868
	Thallium	4730	5000	95	90 - 110	P	05/21/2025	20:43	LB135868
	Vanadium	2380	2500	95	90 - 110	P	05/21/2025	20:43	LB135868
	Zinc	2430	2500	97	90 - 110	P	05/21/2025	20:43	LB135868
CCV09	Aluminum	9620	10000	96	90 - 110	P	05/21/2025	21:29	LB135868
	Antimony	4780	5000	96	90 - 110	P	05/21/2025	21:29	LB135868
	Arsenic	4790	5000	96	90 - 110	P	05/21/2025	21:29	LB135868
	Barium	9430	10000	94	90 - 110	P	05/21/2025	21:29	LB135868
	Beryllium	258	250	103	90 - 110	P	05/21/2025	21:29	LB135868
	Cadmium	2440	2500	98	90 - 110	P	05/21/2025	21:29	LB135868
	Calcium	24400	25000	98	90 - 110	P	05/21/2025	21:29	LB135868
	Chromium	993	1000	99	90 - 110	P	05/21/2025	21:29	LB135868
	Cobalt	2420	2500	97	90 - 110	P	05/21/2025	21:29	LB135868
	Copper	1200	1250	96	90 - 110	P	05/21/2025	21:29	LB135868
	Iron	4750	5000	95	90 - 110	P	05/21/2025	21:29	LB135868
	Lead	4890	5000	98	90 - 110	P	05/21/2025	21:29	LB135868
	Magnesium	24800	25000	99	90 - 110	P	05/21/2025	21:29	LB135868
	Manganese	2440	2500	98	90 - 110	P	05/21/2025	21:29	LB135868
	Nickel	2430	2500	97	90 - 110	P	05/21/2025	21:29	LB135868
	Potassium	22800	25000	91	90 - 110	P	05/21/2025	21:29	LB135868
	Selenium	4790	5000	96	90 - 110	P	05/21/2025	21:29	LB135868
	Silver	1220	1250	98	90 - 110	P	05/21/2025	21:29	LB135868
	Sodium	22400	25000	90	90 - 110	P	05/21/2025	21:29	LB135868
	Thallium	4830	5000	96	90 - 110	P	05/21/2025	21:29	LB135868
	Vanadium	2430	2500	97	90 - 110	P	05/21/2025	21:29	LB135868
	Zinc	2450	2500	98	90 - 110	P	05/21/2025	21:29	LB135868
CCV10	Aluminum	9690	10000	97	90 - 110	P	05/21/2025	21:50	LB135868
	Antimony	4860	5000	97	90 - 110	P	05/21/2025	21:50	LB135868
	Arsenic	4860	5000	97	90 - 110	P	05/21/2025	21:50	LB135868
	Barium	9420	10000	94	90 - 110	P	05/21/2025	21:50	LB135868
	Beryllium	259	250	104	90 - 110	P	05/21/2025	21:50	LB135868
	Cadmium	2430	2500	97	90 - 110	P	05/21/2025	21:50	LB135868

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2074
Contract: CAMP02 Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074
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
CCV10	Calcium	24200	25000	97	90 - 110	P	05/21/2025	21:50	LB135868
	Chromium	987	1000	99	90 - 110	P	05/21/2025	21:50	LB135868
	Cobalt	2430	2500	97	90 - 110	P	05/21/2025	21:50	LB135868
	Copper	1230	1250	98	90 - 110	P	05/21/2025	21:50	LB135868
	Iron	4730	5000	95	90 - 110	P	05/21/2025	21:50	LB135868
	Lead	4870	5000	97	90 - 110	P	05/21/2025	21:50	LB135868
	Magnesium	24500	25000	98	90 - 110	P	05/21/2025	21:50	LB135868
	Manganese	2420	2500	97	90 - 110	P	05/21/2025	21:50	LB135868
	Nickel	2430	2500	97	90 - 110	P	05/21/2025	21:50	LB135868
	Potassium	22800	25000	91	90 - 110	P	05/21/2025	21:50	LB135868
	Selenium	4860	5000	97	90 - 110	P	05/21/2025	21:50	LB135868
	Silver	1230	1250	99	90 - 110	P	05/21/2025	21:50	LB135868
	Sodium	22500	25000	90	90 - 110	P	05/21/2025	21:50	LB135868
	Thallium	4830	5000	97	90 - 110	P	05/21/2025	21:50	LB135868
	Vanadium	2420	2500	97	90 - 110	P	05/21/2025	21:50	LB135868
	Zinc	2470	2500	99	90 - 110	P	05/21/2025	21:50	LB135868

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2074
Contract: CAMP02 Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074
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	2480	2500	99	90 - 110	P	05/22/2025	15:00	LB135892
	Antimony	1010	1000	101	90 - 110	P	05/22/2025	15:00	LB135892
	Arsenic	1040	1000	104	90 - 110	P	05/22/2025	15:00	LB135892
	Barium	521	520	100	90 - 110	P	05/22/2025	15:00	LB135892
	Beryllium	477	510	93	90 - 110	P	05/22/2025	15:00	LB135892
	Cadmium	516	510	101	90 - 110	P	05/22/2025	15:00	LB135892
	Calcium	10000	10000	100	90 - 110	P	05/22/2025	15:00	LB135892
	Chromium	532	520	102	90 - 110	P	05/22/2025	15:00	LB135892
	Cobalt	520	520	100	90 - 110	P	05/22/2025	15:00	LB135892
	Copper	540	510	106	90 - 110	P	05/22/2025	15:00	LB135892
	Iron	10900	10000	109	90 - 110	P	05/22/2025	15:00	LB135892
	Lead	1000	1000	100	90 - 110	P	05/22/2025	15:00	LB135892
	Magnesium	5830	6000	97	90 - 110	P	05/22/2025	15:00	LB135892
	Manganese	515	520	99	90 - 110	P	05/22/2025	15:00	LB135892
	Nickel	522	530	98	90 - 110	P	05/22/2025	15:00	LB135892
	Potassium	10300	9900	104	90 - 110	P	05/22/2025	15:00	LB135892
	Selenium	1070	1000	107	90 - 110	P	05/22/2025	15:00	LB135892
	Silver	268	250	107	90 - 110	P	05/22/2025	15:00	LB135892
	Sodium	10500	10000	105	90 - 110	P	05/22/2025	15:00	LB135892
	Thallium	1070	1000	107	90 - 110	P	05/22/2025	15:00	LB135892
	Vanadium	498	500	100	90 - 110	P	05/22/2025	15:00	LB135892
	Zinc	1060	1000	106	90 - 110	P	05/22/2025	15:00	LB135892

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2074
Contract: CAMP02 Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074
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	115	100	115	80 - 120	P	05/22/2025	15:16	LB135892
	Antimony	53.5	50.0	107	80 - 120	P	05/22/2025	15:16	LB135892
	Arsenic	17.6	20.0	88	80 - 120	P	05/22/2025	15:16	LB135892
	Barium	105	100	106	80 - 120	P	05/22/2025	15:16	LB135892
	Beryllium	5.98	6.0	100	80 - 120	P	05/22/2025	15:16	LB135892
	Cadmium	6.24	6.0	104	80 - 120	P	05/22/2025	15:16	LB135892
	Calcium	2100	2000	105	80 - 120	P	05/22/2025	15:16	LB135892
	Chromium	9.86	10.0	99	80 - 120	P	05/22/2025	15:16	LB135892
	Cobalt	30.5	30.0	102	80 - 120	P	05/22/2025	15:16	LB135892
	Copper	23.9	20.0	120	80 - 120	P	05/22/2025	15:16	LB135892
	Iron	113	100	113	80 - 120	P	05/22/2025	15:16	LB135892
	Lead	11.1	12.0	93	80 - 120	P	05/22/2025	15:16	LB135892
	Magnesium	2170	2000	109	80 - 120	P	05/22/2025	15:16	LB135892
	Manganese	21.7	20.0	108	80 - 120	P	05/22/2025	15:16	LB135892
	Nickel	40.8	40.0	102	80 - 120	P	05/22/2025	15:16	LB135892
	Potassium	2080	2000	104	80 - 120	P	05/22/2025	15:16	LB135892
	Selenium	18.4	20.0	92	80 - 120	P	05/22/2025	15:16	LB135892
	Silver	9.74	10.0	97	80 - 120	P	05/22/2025	15:16	LB135892
	Sodium	2120	2000	106	80 - 120	P	05/22/2025	15:16	LB135892
	Thallium	40.8	40.0	102	80 - 120	P	05/22/2025	15:16	LB135892
	Vanadium	42.5	40.0	106	80 - 120	P	05/22/2025	15:16	LB135892
	Zinc	45.4	40.0	114	80 - 120	P	05/22/2025	15:16	LB135892

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2074
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2074 **SAS No.:** Q2074
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	9520	10000	95	90 - 110	P	05/22/2025	15:51	LB135892
	Antimony	4890	5000	98	90 - 110	P	05/22/2025	15:51	LB135892
	Arsenic	4830	5000	97	90 - 110	P	05/22/2025	15:51	LB135892
	Barium	10000	10000	100	90 - 110	P	05/22/2025	15:51	LB135892
	Beryllium	227	250	91	90 - 110	P	05/22/2025	15:51	LB135892
	Cadmium	2370	2500	95	90 - 110	P	05/22/2025	15:51	LB135892
	Calcium	24000	25000	96	90 - 110	P	05/22/2025	15:51	LB135892
	Chromium	962	1000	96	90 - 110	P	05/22/2025	15:51	LB135892
	Cobalt	2380	2500	95	90 - 110	P	05/22/2025	15:51	LB135892
	Copper	1220	1250	98	90 - 110	P	05/22/2025	15:51	LB135892
	Iron	5070	5000	102	90 - 110	P	05/22/2025	15:51	LB135892
	Lead	4780	5000	96	90 - 110	P	05/22/2025	15:51	LB135892
	Magnesium	23500	25000	94	90 - 110	P	05/22/2025	15:51	LB135892
	Manganese	2380	2500	95	90 - 110	P	05/22/2025	15:51	LB135892
	Nickel	2380	2500	95	90 - 110	P	05/22/2025	15:51	LB135892
	Potassium	24900	25000	100	90 - 110	P	05/22/2025	15:51	LB135892
	Selenium	4870	5000	97	90 - 110	P	05/22/2025	15:51	LB135892
	Silver	1210	1250	97	90 - 110	P	05/22/2025	15:51	LB135892
	Sodium	25300	25000	101	90 - 110	P	05/22/2025	15:51	LB135892
	Thallium	4880	5000	98	90 - 110	P	05/22/2025	15:51	LB135892
	Vanadium	2430	2500	97	90 - 110	P	05/22/2025	15:51	LB135892
	Zinc	2430	2500	97	90 - 110	P	05/22/2025	15:51	LB135892
CCV02	Aluminum	9600	10000	96	90 - 110	P	05/22/2025	16:38	LB135892
	Antimony	4840	5000	97	90 - 110	P	05/22/2025	16:38	LB135892
	Arsenic	4820	5000	96	90 - 110	P	05/22/2025	16:38	LB135892
	Barium	9370	10000	94	90 - 110	P	05/22/2025	16:38	LB135892
	Beryllium	248	250	99	90 - 110	P	05/22/2025	16:38	LB135892
	Cadmium	2370	2500	95	90 - 110	P	05/22/2025	16:38	LB135892
	Calcium	23700	25000	95	90 - 110	P	05/22/2025	16:38	LB135892
	Chromium	961	1000	96	90 - 110	P	05/22/2025	16:38	LB135892
	Cobalt	2360	2500	94	90 - 110	P	05/22/2025	16:38	LB135892
	Copper	1220	1250	97	90 - 110	P	05/22/2025	16:38	LB135892
	Iron	4680	5000	94	90 - 110	P	05/22/2025	16:38	LB135892
	Lead	4770	5000	95	90 - 110	P	05/22/2025	16:38	LB135892

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith **SDG No.:** Q2074
Contract: CAMP02 **Lab Code:** CHEM **Case No.:** Q2074 **SAS No.:** Q2074
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	23700	25000	95	90 - 110	P	05/22/2025	16:38	LB135892
	Manganese	2390	2500	96	90 - 110	P	05/22/2025	16:38	LB135892
	Nickel	2370	2500	95	90 - 110	P	05/22/2025	16:38	LB135892
	Potassium	23500	25000	94	90 - 110	P	05/22/2025	16:38	LB135892
	Selenium	4850	5000	97	90 - 110	P	05/22/2025	16:38	LB135892
	Silver	1200	1250	96	90 - 110	P	05/22/2025	16:38	LB135892
	Sodium	23300	25000	93	90 - 110	P	05/22/2025	16:38	LB135892
	Thallium	4850	5000	97	90 - 110	P	05/22/2025	16:38	LB135892
	Vanadium	2380	2500	95	90 - 110	P	05/22/2025	16:38	LB135892
	Zinc	2430	2500	97	90 - 110	P	05/22/2025	16:38	LB135892
CCV03	Aluminum	9210	10000	92	90 - 110	P	05/22/2025	17:28	LB135892
	Antimony	4660	5000	93	90 - 110	P	05/22/2025	17:28	LB135892
	Arsenic	4670	5000	94	90 - 110	P	05/22/2025	17:28	LB135892
	Barium	9340	10000	93	90 - 110	P	05/22/2025	17:28	LB135892
	Beryllium	235	250	94	90 - 110	P	05/22/2025	17:28	LB135892
	Cadmium	2340	2500	94	90 - 110	P	05/22/2025	17:28	LB135892
	Calcium	23300	25000	93	90 - 110	P	05/22/2025	17:28	LB135892
	Chromium	955	1000	96	90 - 110	P	05/22/2025	17:28	LB135892
	Cobalt	2330	2500	93	90 - 110	P	05/22/2025	17:28	LB135892
	Copper	1180	1250	94	90 - 110	P	05/22/2025	17:28	LB135892
	Iron	4760	5000	95	90 - 110	P	05/22/2025	17:28	LB135892
	Lead	4680	5000	94	90 - 110	P	05/22/2025	17:28	LB135892
	Magnesium	23300	25000	93	90 - 110	P	05/22/2025	17:28	LB135892
	Manganese	2340	2500	94	90 - 110	P	05/22/2025	17:28	LB135892
	Nickel	2330	2500	93	90 - 110	P	05/22/2025	17:28	LB135892
	Potassium	23200	25000	93	90 - 110	P	05/22/2025	17:28	LB135892
	Selenium	4680	5000	94	90 - 110	P	05/22/2025	17:28	LB135892
	Silver	1170	1250	94	90 - 110	P	05/22/2025	17:28	LB135892
	Sodium	23300	25000	93	90 - 110	P	05/22/2025	17:28	LB135892
	Thallium	4710	5000	94	90 - 110	P	05/22/2025	17:28	LB135892
	Vanadium	2330	2500	93	90 - 110	P	05/22/2025	17:28	LB135892
	Zinc	2350	2500	94	90 - 110	P	05/22/2025	17:28	LB135892
CCV04	Aluminum	9970	10000	100	90 - 110	P	05/22/2025	19:08	LB135892
	Antimony	4920	5000	98	90 - 110	P	05/22/2025	19:08	LB135892

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: CDM Smith SDG No.: Q2074
Contract: CAMP02 Lab Code: CHEM Case No.: Q2074 SAS No.: Q2074
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	4980	5000	100	90 - 110	P	05/22/2025	19:08	LB135892
	Barium	10100	10000	102	90 - 110	P	05/22/2025	19:08	LB135892
	Beryllium	258	250	103	90 - 110	P	05/22/2025	19:08	LB135892
	Cadmium	2420	2500	97	90 - 110	P	05/22/2025	19:08	LB135892
	Calcium	25200	25000	101	90 - 110	P	05/22/2025	19:08	LB135892
	Chromium	996	1000	100	90 - 110	P	05/22/2025	19:08	LB135892
	Cobalt	2440	2500	97	90 - 110	P	05/22/2025	19:08	LB135892
	Copper	1250	1250	100	90 - 110	P	05/22/2025	19:08	LB135892
	Iron	4880	5000	98	90 - 110	P	05/22/2025	19:08	LB135892
	Lead	4830	5000	97	90 - 110	P	05/22/2025	19:08	LB135892
	Magnesium	24800	25000	99	90 - 110	P	05/22/2025	19:08	LB135892
	Manganese	2450	2500	98	90 - 110	P	05/22/2025	19:08	LB135892
	Nickel	2440	2500	98	90 - 110	P	05/22/2025	19:08	LB135892
	Potassium	24000	25000	96	90 - 110	P	05/22/2025	19:08	LB135892
	Selenium	4980	5000	100	90 - 110	P	05/22/2025	19:08	LB135892
	Silver	1250	1250	100	90 - 110	P	05/22/2025	19:08	LB135892
	Sodium	24500	25000	98	90 - 110	P	05/22/2025	19:08	LB135892
	Thallium	4730	5000	95	90 - 110	P	05/22/2025	19:08	LB135892
	Vanadium	2490	2500	100	90 - 110	P	05/22/2025	19:08	LB135892
	Zinc	2520	2500	101	90 - 110	P	05/22/2025	19:08	LB135892