

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: METEM AGE POWER Business **SDG No.:** Q1689
Contract: METE01 **Lab Code:** CHEM **Case No.:** Q1689 **SAS No.:** Q1689
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	Cadmium	511	510	100	95 - 105	P	04/03/2025	12:06	LB135289
	Chromium	529	520	102	95 - 105	P	04/03/2025	12:06	LB135289
	Copper	516	510	101	95 - 105	P	04/03/2025	12:06	LB135289
	Lead	1010	1000	101	95 - 105	P	04/03/2025	12:06	LB135289
	Nickel	549	530	104	95 - 105	P	04/03/2025	12:06	LB135289
	Silver	261	250	104	95 - 105	P	04/03/2025	12:06	LB135289
	Zinc	1030	1000	103	95 - 105	P	04/03/2025	12:06	LB135289

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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	Cadmium	5.76	6.0	96	80 - 120	P	04/03/2025	12:11	LB135289
	Chromium	9.76	10.0	98	80 - 120	P	04/03/2025	12:11	LB135289
	Copper	22.8	20.0	114	80 - 120	P	04/03/2025	12:11	LB135289
	Lead	11.1	12.0	93	80 - 120	P	04/03/2025	12:11	LB135289
	Nickel	38.6	40.0	96	80 - 120	P	04/03/2025	12:11	LB135289
	Silver	10.4	10.0	104	80 - 120	P	04/03/2025	12:11	LB135289
	Zinc	45.4	40.0	114	80 - 120	P	04/03/2025	12:11	LB135289

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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	Cadmium	2440	2500	98	90 - 110	P	04/03/2025	12:41	LB135289
	Chromium	1020	1000	102	90 - 110	P	04/03/2025	12:41	LB135289
	Copper	1270	1250	102	90 - 110	P	04/03/2025	12:41	LB135289
	Lead	4930	5000	99	90 - 110	P	04/03/2025	12:41	LB135289
	Nickel	2430	2500	97	90 - 110	P	04/03/2025	12:41	LB135289
	Silver	1260	1250	101	90 - 110	P	04/03/2025	12:41	LB135289
	Zinc	2530	2500	101	90 - 110	P	04/03/2025	12:41	LB135289
CCV02	Cadmium	2410	2500	97	90 - 110	P	04/03/2025	13:53	LB135289
	Chromium	995	1000	100	90 - 110	P	04/03/2025	13:53	LB135289
	Copper	1260	1250	101	90 - 110	P	04/03/2025	13:53	LB135289
	Lead	4860	5000	97	90 - 110	P	04/03/2025	13:53	LB135289
	Nickel	2420	2500	97	90 - 110	P	04/03/2025	13:53	LB135289
	Silver	1230	1250	98	90 - 110	P	04/03/2025	13:53	LB135289
	Zinc	2490	2500	100	90 - 110	P	04/03/2025	13:53	LB135289
CCV03	Cadmium	2440	2500	98	90 - 110	P	04/03/2025	14:39	LB135289
	Chromium	1010	1000	101	90 - 110	P	04/03/2025	14:39	LB135289
	Copper	1270	1250	102	90 - 110	P	04/03/2025	14:39	LB135289
	Lead	4910	5000	98	90 - 110	P	04/03/2025	14:39	LB135289
	Nickel	2450	2500	98	90 - 110	P	04/03/2025	14:39	LB135289
	Silver	1250	1250	100	90 - 110	P	04/03/2025	14:39	LB135289
	Zinc	2520	2500	101	90 - 110	P	04/03/2025	14:39	LB135289
CCV04	Cadmium	2430	2500	97	90 - 110	P	04/03/2025	15:32	LB135289
	Chromium	990	1000	99	90 - 110	P	04/03/2025	15:32	LB135289
	Copper	1250	1250	100	90 - 110	P	04/03/2025	15:32	LB135289
	Lead	4850	5000	97	90 - 110	P	04/03/2025	15:32	LB135289
	Nickel	2470	2500	99	90 - 110	P	04/03/2025	15:32	LB135289
	Silver	1230	1250	98	90 - 110	P	04/03/2025	15:32	LB135289
	Zinc	2460	2500	98	90 - 110	P	04/03/2025	15:32	LB135289
CCV05	Cadmium	2440	2500	98	90 - 110	P	04/03/2025	16:36	LB135289
	Chromium	994	1000	99	90 - 110	P	04/03/2025	16:36	LB135289
	Copper	1250	1250	100	90 - 110	P	04/03/2025	16:36	LB135289
	Lead	4860	5000	97	90 - 110	P	04/03/2025	16:36	LB135289
	Nickel	2480	2500	99	90 - 110	P	04/03/2025	16:36	LB135289
	Silver	1220	1250	98	90 - 110	P	04/03/2025	16:36	LB135289

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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	Zinc	2440	2500	98	90 - 110	P	04/03/2025	16:36	LB135289
CCV06	Cadmium	2480	2500	99	90 - 110	P	04/03/2025	17:48	LB135289
	Chromium	1010	1000	101	90 - 110	P	04/03/2025	17:48	LB135289
	Copper	1280	1250	103	90 - 110	P	04/03/2025	17:48	LB135289
	Lead	4940	5000	99	90 - 110	P	04/03/2025	17:48	LB135289
	Nickel	2520	2500	101	90 - 110	P	04/03/2025	17:48	LB135289
	Silver	1250	1250	100	90 - 110	P	04/03/2025	17:48	LB135289
	Zinc	2530	2500	101	90 - 110	P	04/03/2025	17:48	LB135289
CCV07	Cadmium	2490	2500	100	90 - 110	P	04/03/2025	18:29	LB135289
	Chromium	1050	1000	104	90 - 110	P	04/03/2025	18:29	LB135289
	Copper	1280	1250	103	90 - 110	P	04/03/2025	18:29	LB135289
	Lead	4980	5000	100	90 - 110	P	04/03/2025	18:29	LB135289
	Nickel	2520	2500	101	90 - 110	P	04/03/2025	18:29	LB135289
	Silver	1290	1250	103	90 - 110	P	04/03/2025	18:29	LB135289
	Zinc	2590	2500	104	90 - 110	P	04/03/2025	18:29	LB135289

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Client: METEM AGE POWER Business SDG No.: Q1689

Contract: METE01 Lab Code: CHEM Case No.: Q1689 SAS No.: Q1689

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	Cadmium	502	510	98	95 - 105	P	04/09/2025	14:21	LB135361
	Chromium	508	520	98	95 - 105	P	04/09/2025	14:21	LB135361
	Copper	515	510	101	95 - 105	P	04/09/2025	14:21	LB135361
	Lead	1020	1000	102	95 - 105	P	04/09/2025	14:21	LB135361
	Nickel	556	530	105	95 - 105	P	04/09/2025	14:21	LB135361
	Silver	244	250	98	95 - 105	P	04/09/2025	14:21	LB135361
	Zinc	993	1000	99	95 - 105	P	04/09/2025	14:21	LB135361

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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	Cadmium	5.88	6.0	98	80 - 120	P	04/09/2025	14:26	LB135361
	Chromium	9.50	10.0	95	80 - 120	P	04/09/2025	14:26	LB135361
	Copper	21.5	20.0	108	80 - 120	P	04/09/2025	14:26	LB135361
	Lead	11.7	12.0	97	80 - 120	P	04/09/2025	14:26	LB135361
	Nickel	37.5	40.0	94	80 - 120	P	04/09/2025	14:26	LB135361
	Silver	9.58	10.0	96	80 - 120	P	04/09/2025	14:26	LB135361
	Zinc	38.7	40.0	97	80 - 120	P	04/09/2025	14:26	LB135361

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Cadmium	2440	2500	98	90 - 110	P	04/09/2025	14:56	LB135361
	Chromium	983	1000	98	90 - 110	P	04/09/2025	14:56	LB135361
	Copper	1230	1250	98	90 - 110	P	04/09/2025	14:56	LB135361
	Lead	4870	5000	97	90 - 110	P	04/09/2025	14:56	LB135361
	Nickel	2440	2500	98	90 - 110	P	04/09/2025	14:56	LB135361
	Silver	1220	1250	98	90 - 110	P	04/09/2025	14:56	LB135361
	Zinc	2460	2500	98	90 - 110	P	04/09/2025	14:56	LB135361
CCV02	Cadmium	2360	2500	94	90 - 110	P	04/09/2025	15:23	LB135361
	Chromium	949	1000	95	90 - 110	P	04/09/2025	15:23	LB135361
	Copper	1210	1250	97	90 - 110	P	04/09/2025	15:23	LB135361
	Lead	4730	5000	95	90 - 110	P	04/09/2025	15:23	LB135361
	Nickel	2370	2500	95	90 - 110	P	04/09/2025	15:23	LB135361
	Silver	1190	1250	95	90 - 110	P	04/09/2025	15:23	LB135361
	Zinc	2390	2500	96	90 - 110	P	04/09/2025	15:23	LB135361
CCV03	Cadmium	2390	2500	96	90 - 110	P	04/09/2025	16:26	LB135361
	Chromium	962	1000	96	90 - 110	P	04/09/2025	16:26	LB135361
	Copper	1220	1250	98	90 - 110	P	04/09/2025	16:26	LB135361
	Lead	4790	5000	96	90 - 110	P	04/09/2025	16:26	LB135361
	Nickel	2400	2500	96	90 - 110	P	04/09/2025	16:26	LB135361
	Silver	1200	1250	96	90 - 110	P	04/09/2025	16:26	LB135361
	Zinc	2430	2500	97	90 - 110	P	04/09/2025	16:26	LB135361
CCV04	Cadmium	2450	2500	98	90 - 110	P	04/09/2025	17:23	LB135361
	Chromium	991	1000	99	90 - 110	P	04/09/2025	17:23	LB135361
	Copper	1240	1250	99	90 - 110	P	04/09/2025	17:23	LB135361
	Lead	4880	5000	98	90 - 110	P	04/09/2025	17:23	LB135361
	Nickel	2440	2500	98	90 - 110	P	04/09/2025	17:23	LB135361
	Silver	1230	1250	98	90 - 110	P	04/09/2025	17:23	LB135361
	Zinc	2480	2500	99	90 - 110	P	04/09/2025	17:23	LB135361
CCV05	Cadmium	2450	2500	98	90 - 110	P	04/09/2025	18:09	LB135361
	Chromium	976	1000	98	90 - 110	P	04/09/2025	18:09	LB135361
	Copper	1240	1250	100	90 - 110	P	04/09/2025	18:09	LB135361
	Lead	4890	5000	98	90 - 110	P	04/09/2025	18:09	LB135361
	Nickel	2450	2500	98	90 - 110	P	04/09/2025	18:09	LB135361
	Silver	1220	1250	97	90 - 110	P	04/09/2025	18:09	LB135361

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CCV05	Zinc	2460	2500	98	90 - 110	P	04/09/2025	18:09	LB135361
CCV06	Cadmium	2340	2500	94	90 - 110	P	04/09/2025	18:36	LB135361
	Chromium	950	1000	95	90 - 110	P	04/09/2025	18:36	LB135361
	Copper	1200	1250	96	90 - 110	P	04/09/2025	18:36	LB135361
	Lead	4680	5000	94	90 - 110	P	04/09/2025	18:36	LB135361
	Nickel	2350	2500	94	90 - 110	P	04/09/2025	18:36	LB135361
	Silver	1180	1250	94	90 - 110	P	04/09/2025	18:36	LB135361
	Zinc	2360	2500	94	90 - 110	P	04/09/2025	18:36	LB135361