

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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
ICV16	Mercury	4.26	4.0	106	90 - 110	CV	07/03/2025	11:13	LB136369

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Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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
CCV51	Mercury	5.14	5.0	103	90 - 110	CV	07/03/2025	11:20	LB136369
CCV52	Mercury	5.23	5.0	104	90 - 110	CV	07/03/2025	11:48	LB136369
CCV53	Mercury	5.02	5.0	100	90 - 110	CV	07/03/2025	12:15	LB136369
CCV54	Mercury	5.04	5.0	101	90 - 110	CV	07/03/2025	12:30	LB136369

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	7480	8000	94	90 - 110	P	07/07/2025	13:22	LB136390
	Antimony	4050	4000	101	90 - 110	P	07/07/2025	13:22	LB136390
	Arsenic	3880	4000	97	90 - 110	P	07/07/2025	13:22	LB136390
	Barium	7340	8000	92	90 - 110	P	07/07/2025	13:22	LB136390
	Beryllium	189	200	94	90 - 110	P	07/07/2025	13:22	LB136390
	Cadmium	1950	2000	98	90 - 110	P	07/07/2025	13:22	LB136390
	Calcium	18600	20000	93	90 - 110	P	07/07/2025	13:22	LB136390
	Chromium	804	800	100	90 - 110	P	07/07/2025	13:22	LB136390
	Cobalt	1960	2000	98	90 - 110	P	07/07/2025	13:22	LB136390
	Copper	993	1000	99	90 - 110	P	07/07/2025	13:22	LB136390
	Iron	4060	4000	101	90 - 110	P	07/07/2025	13:22	LB136390
	Lead	3810	4000	95	90 - 110	P	07/07/2025	13:22	LB136390
	Magnesium	18700	20000	94	90 - 110	P	07/07/2025	13:22	LB136390
	Manganese	1870	2000	93	90 - 110	P	07/07/2025	13:22	LB136390
	Nickel	1960	2000	98	90 - 110	P	07/07/2025	13:22	LB136390
	Potassium	20200	20000	101	90 - 110	P	07/07/2025	13:22	LB136390
	Selenium	3890	4000	97	90 - 110	P	07/07/2025	13:22	LB136390
	Silver	1020	1000	102	90 - 110	P	07/07/2025	13:22	LB136390
	Sodium	20400	20000	102	90 - 110	P	07/07/2025	13:22	LB136390
	Thallium	3670	4000	92	90 - 110	P	07/07/2025	13:22	LB136390
	Vanadium	1870	2000	94	90 - 110	P	07/07/2025	13:22	LB136390
	Zinc	1990	2000	100	90 - 110	P	07/07/2025	13:22	LB136390

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	102	100	102	80 - 120	P	07/07/2025	13:41	LB136390
	Antimony	50.5	50.0	101	80 - 120	P	07/07/2025	13:41	LB136390
	Arsenic	22.5	20.0	112	80 - 120	P	07/07/2025	13:41	LB136390
	Barium	92.5	100	92	80 - 120	P	07/07/2025	13:41	LB136390
	Beryllium	5.89	6.0	98	80 - 120	P	07/07/2025	13:41	LB136390
	Cadmium	6.03	6.0	100	80 - 120	P	07/07/2025	13:41	LB136390
	Calcium	1960	2000	98	80 - 120	P	07/07/2025	13:41	LB136390
	Chromium	11.0	10.0	110	80 - 120	P	07/07/2025	13:41	LB136390
	Cobalt	29.7	30.0	99	80 - 120	P	07/07/2025	13:41	LB136390
	Copper	21.6	20.0	108	80 - 120	P	07/07/2025	13:41	LB136390
	Iron	96.2	100	96	80 - 120	P	07/07/2025	13:41	LB136390
	Lead	12.3	12.0	103	80 - 120	P	07/07/2025	13:41	LB136390
	Magnesium	2070	2000	104	80 - 120	P	07/07/2025	13:41	LB136390
	Manganese	20.4	20.0	102	80 - 120	P	07/07/2025	13:41	LB136390
	Nickel	41.6	40.0	104	80 - 120	P	07/07/2025	13:41	LB136390
	Potassium	1810	2000	90	80 - 120	P	07/07/2025	13:41	LB136390
	Selenium	20.1	20.0	101	80 - 120	P	07/07/2025	13:41	LB136390
	Silver	9.83	10.0	98	80 - 120	P	07/07/2025	13:41	LB136390
	Sodium	2000	2000	100	80 - 120	P	07/07/2025	13:41	LB136390
	Thallium	38.6	40.0	96	80 - 120	P	07/07/2025	13:41	LB136390
	Vanadium	38.5	40.0	96	80 - 120	P	07/07/2025	13:41	LB136390
	Zinc	42.7	40.0	107	80 - 120	P	07/07/2025	13:41	LB136390

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SDG No.: Q2473

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Lab Code: ACE

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	9890	10000	99	90 - 110	P	07/07/2025	14:38	LB136390
	Antimony	5080	5000	102	90 - 110	P	07/07/2025	14:38	LB136390
	Arsenic	5120	5000	102	90 - 110	P	07/07/2025	14:38	LB136390
	Barium	9860	10000	99	90 - 110	P	07/07/2025	14:38	LB136390
	Beryllium	247	250	99	90 - 110	P	07/07/2025	14:38	LB136390
	Cadmium	2550	2500	102	90 - 110	P	07/07/2025	14:38	LB136390
	Calcium	24700	25000	99	90 - 110	P	07/07/2025	14:38	LB136390
	Chromium	1010	1000	101	90 - 110	P	07/07/2025	14:38	LB136390
	Cobalt	2530	2500	101	90 - 110	P	07/07/2025	14:38	LB136390
	Copper	1280	1250	102	90 - 110	P	07/07/2025	14:38	LB136390
	Iron	5030	5000	101	90 - 110	P	07/07/2025	14:38	LB136390
	Lead	5050	5000	101	90 - 110	P	07/07/2025	14:38	LB136390
	Magnesium	24400	25000	97	90 - 110	P	07/07/2025	14:38	LB136390
	Manganese	2460	2500	98	90 - 110	P	07/07/2025	14:38	LB136390
	Nickel	2540	2500	102	90 - 110	P	07/07/2025	14:38	LB136390
	Potassium	25500	25000	102	90 - 110	P	07/07/2025	14:38	LB136390
	Selenium	5090	5000	102	90 - 110	P	07/07/2025	14:38	LB136390
	Silver	1250	1250	100	90 - 110	P	07/07/2025	14:38	LB136390
	Sodium	25700	25000	103	90 - 110	P	07/07/2025	14:38	LB136390
	Thallium	5090	5000	102	90 - 110	P	07/07/2025	14:38	LB136390
	Vanadium	2450	2500	98	90 - 110	P	07/07/2025	14:38	LB136390
	Zinc	2530	2500	101	90 - 110	P	07/07/2025	14:38	LB136390
CCV02	Aluminum	9790	10000	98	90 - 110	P	07/07/2025	15:30	LB136390
	Antimony	5040	5000	101	90 - 110	P	07/07/2025	15:30	LB136390
	Arsenic	5030	5000	101	90 - 110	P	07/07/2025	15:30	LB136390
	Barium	9870	10000	99	90 - 110	P	07/07/2025	15:30	LB136390
	Beryllium	239	250	95	90 - 110	P	07/07/2025	15:30	LB136390
	Cadmium	2480	2500	99	90 - 110	P	07/07/2025	15:30	LB136390
	Calcium	24400	25000	98	90 - 110	P	07/07/2025	15:30	LB136390
	Chromium	994	1000	99	90 - 110	P	07/07/2025	15:30	LB136390
	Cobalt	2480	2500	99	90 - 110	P	07/07/2025	15:30	LB136390
	Copper	1260	1250	101	90 - 110	P	07/07/2025	15:30	LB136390
	Iron	5020	5000	100	90 - 110	P	07/07/2025	15:30	LB136390
	Lead	4930	5000	99	90 - 110	P	07/07/2025	15:30	LB136390

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Lab Code: ACE

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	07/07/2025	15:30	LB136390
	Manganese	2420	2500	97	90 - 110	P	07/07/2025	15:30	LB136390
	Nickel	2490	2500	100	90 - 110	P	07/07/2025	15:30	LB136390
	Potassium	24200	25000	97	90 - 110	P	07/07/2025	15:30	LB136390
	Selenium	5010	5000	100	90 - 110	P	07/07/2025	15:30	LB136390
	Silver	1240	1250	99	90 - 110	P	07/07/2025	15:30	LB136390
	Sodium	22700	25000	91	90 - 110	P	07/07/2025	15:30	LB136390
	Thallium	4840	5000	97	90 - 110	P	07/07/2025	15:30	LB136390
	Vanadium	2420	2500	97	90 - 110	P	07/07/2025	15:30	LB136390
	Zinc	2510	2500	101	90 - 110	P	07/07/2025	15:30	LB136390
CCV03	Aluminum	9880	10000	99	90 - 110	P	07/07/2025	16:33	LB136390
	Antimony	5100	5000	102	90 - 110	P	07/07/2025	16:33	LB136390
	Arsenic	5100	5000	102	90 - 110	P	07/07/2025	16:33	LB136390
	Barium	10000	10000	100	90 - 110	P	07/07/2025	16:33	LB136390
	Beryllium	245	250	98	90 - 110	P	07/07/2025	16:33	LB136390
	Cadmium	2520	2500	101	90 - 110	P	07/07/2025	16:33	LB136390
	Calcium	24600	25000	98	90 - 110	P	07/07/2025	16:33	LB136390
	Chromium	1020	1000	102	90 - 110	P	07/07/2025	16:33	LB136390
	Cobalt	2520	2500	101	90 - 110	P	07/07/2025	16:33	LB136390
	Copper	1280	1250	102	90 - 110	P	07/07/2025	16:33	LB136390
	Iron	5150	5000	103	90 - 110	P	07/07/2025	16:33	LB136390
	Lead	5010	5000	100	90 - 110	P	07/07/2025	16:33	LB136390
	Magnesium	24100	25000	96	90 - 110	P	07/07/2025	16:33	LB136390
	Manganese	2460	2500	98	90 - 110	P	07/07/2025	16:33	LB136390
	Nickel	2530	2500	101	90 - 110	P	07/07/2025	16:33	LB136390
	Potassium	26000	25000	104	90 - 110	P	07/07/2025	16:33	LB136390
	Selenium	5070	5000	101	90 - 110	P	07/07/2025	16:33	LB136390
	Silver	1270	1250	101	90 - 110	P	07/07/2025	16:33	LB136390
	Sodium	24800	25000	99	90 - 110	P	07/07/2025	16:33	LB136390
	Thallium	4700	5000	94	90 - 110	P	07/07/2025	16:33	LB136390
	Vanadium	2440	2500	98	90 - 110	P	07/07/2025	16:33	LB136390
	Zinc	2580	2500	103	90 - 110	P	07/07/2025	16:33	LB136390
CCV04	Aluminum	9910	10000	99	90 - 110	P	07/07/2025	17:31	LB136390
	Antimony	5060	5000	101	90 - 110	P	07/07/2025	17:31	LB136390

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Lab Code: ACE

Initial Calibration Source: EPA

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV04	Arsenic	5040	5000	101	90 - 110	P	07/07/2025	17:31	LB136390
	Barium	10200	10000	102	90 - 110	P	07/07/2025	17:31	LB136390
	Beryllium	240	250	96	90 - 110	P	07/07/2025	17:31	LB136390
	Cadmium	2480	2500	99	90 - 110	P	07/07/2025	17:31	LB136390
	Calcium	24600	25000	99	90 - 110	P	07/07/2025	17:31	LB136390
	Chromium	1010	1000	101	90 - 110	P	07/07/2025	17:31	LB136390
	Cobalt	2490	2500	100	90 - 110	P	07/07/2025	17:31	LB136390
	Copper	1260	1250	101	90 - 110	P	07/07/2025	17:31	LB136390
	Iron	5230	5000	104	90 - 110	P	07/07/2025	17:31	LB136390
	Lead	4930	5000	98	90 - 110	P	07/07/2025	17:31	LB136390
	Magnesium	23900	25000	96	90 - 110	P	07/07/2025	17:31	LB136390
	Manganese	2450	2500	98	90 - 110	P	07/07/2025	17:31	LB136390
	Nickel	2500	2500	100	90 - 110	P	07/07/2025	17:31	LB136390
	Potassium	27000	25000	108	90 - 110	P	07/07/2025	17:31	LB136390
	Selenium	5020	5000	100	90 - 110	P	07/07/2025	17:31	LB136390
	Silver	1260	1250	101	90 - 110	P	07/07/2025	17:31	LB136390
	Sodium	26700	25000	107	90 - 110	P	07/07/2025	17:31	LB136390
	Thallium	4540	5000	91	90 - 110	P	07/07/2025	17:31	LB136390
	Vanadium	2450	2500	98	90 - 110	P	07/07/2025	17:31	LB136390
	Zinc	2570	2500	103	90 - 110	P	07/07/2025	17:31	LB136390
CCV05	Aluminum	9950	10000	100	90 - 110	P	07/08/2025	01:43	LB136390
	Antimony	5110	5000	102	90 - 110	P	07/08/2025	01:43	LB136390
	Arsenic	5130	5000	103	90 - 110	P	07/08/2025	01:43	LB136390
	Barium	10300	10000	103	90 - 110	P	07/08/2025	01:43	LB136390
	Beryllium	252	250	101	90 - 110	P	07/08/2025	01:43	LB136390
	Cadmium	2550	2500	102	90 - 110	P	07/08/2025	01:43	LB136390
	Calcium	24700	25000	99	90 - 110	P	07/08/2025	01:43	LB136390
	Chromium	1020	1000	102	90 - 110	P	07/08/2025	01:43	LB136390
	Cobalt	2540	2500	101	90 - 110	P	07/08/2025	01:43	LB136390
	Copper	1290	1250	103	90 - 110	P	07/08/2025	01:43	LB136390
	Iron	5020	5000	100	90 - 110	P	07/08/2025	01:43	LB136390
	Lead	5060	5000	101	90 - 110	P	07/08/2025	01:43	LB136390
	Magnesium	24200	25000	97	90 - 110	P	07/08/2025	01:43	LB136390
	Manganese	2460	2500	98	90 - 110	P	07/08/2025	01:43	LB136390

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Client: JPCL Engineering

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Lab Code: ACE

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	2550	2500	102	90 - 110	P	07/08/2025	01:43	LB136390
	Potassium	26200	25000	105	90 - 110	P	07/08/2025	01:43	LB136390
	Selenium	5100	5000	102	90 - 110	P	07/08/2025	01:43	LB136390
	Silver	1260	1250	101	90 - 110	P	07/08/2025	01:43	LB136390
	Sodium	26100	25000	104	90 - 110	P	07/08/2025	01:43	LB136390
	Thallium	4270	5000	85	90 - 110	P	07/08/2025	01:43	LB136390
	Vanadium	2460	2500	98	90 - 110	P	07/08/2025	01:43	LB136390
	Zinc	2540	2500	102	90 - 110	P	07/08/2025	01:43	LB136390
CCV06	Aluminum	9750	10000	98	90 - 110	P	07/08/2025	02:49	LB136390
	Antimony	5020	5000	100	90 - 110	P	07/08/2025	02:49	LB136390
	Arsenic	5030	5000	101	90 - 110	P	07/08/2025	02:49	LB136390
	Barium	10300	10000	103	90 - 110	P	07/08/2025	02:49	LB136390
	Beryllium	249	250	100	90 - 110	P	07/08/2025	02:49	LB136390
	Cadmium	2490	2500	99	90 - 110	P	07/08/2025	02:49	LB136390
	Calcium	24500	25000	98	90 - 110	P	07/08/2025	02:49	LB136390
	Chromium	1020	1000	102	90 - 110	P	07/08/2025	02:49	LB136390
	Cobalt	2480	2500	99	90 - 110	P	07/08/2025	02:49	LB136390
	Copper	1260	1250	101	90 - 110	P	07/08/2025	02:49	LB136390
	Iron	5260	5000	105	90 - 110	P	07/08/2025	02:49	LB136390
	Lead	4940	5000	99	90 - 110	P	07/08/2025	02:49	LB136390
	Magnesium	24000	25000	96	90 - 110	P	07/08/2025	02:49	LB136390
	Manganese	2430	2500	97	90 - 110	P	07/08/2025	02:49	LB136390
	Nickel	2490	2500	100	90 - 110	P	07/08/2025	02:49	LB136390
	Potassium	27900	25000	111	90 - 110	P	07/08/2025	02:49	LB136390
	Selenium	5030	5000	100	90 - 110	P	07/08/2025	02:49	LB136390
	Silver	1270	1250	102	90 - 110	P	07/08/2025	02:49	LB136390
	Sodium	27100	25000	108	90 - 110	P	07/08/2025	02:49	LB136390
	Thallium	4390	5000	88	90 - 110	P	07/08/2025	02:49	LB136390
	Vanadium	2450	2500	98	90 - 110	P	07/08/2025	02:49	LB136390
	Zinc	2450	2500	98	90 - 110	P	07/08/2025	02:49	LB136390
CCV07	Aluminum	9870	10000	99	90 - 110	P	07/08/2025	03:40	LB136390
	Antimony	5060	5000	101	90 - 110	P	07/08/2025	03:40	LB136390
	Arsenic	5040	5000	101	90 - 110	P	07/08/2025	03:40	LB136390
	Barium	10300	10000	103	90 - 110	P	07/08/2025	03:40	LB136390

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Lab Code: ACE

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	251	250	100	90 - 110	P	07/08/2025	03:40	LB136390
	Cadmium	2500	2500	100	90 - 110	P	07/08/2025	03:40	LB136390
	Calcium	24800	25000	99	90 - 110	P	07/08/2025	03:40	LB136390
	Chromium	1020	1000	102	90 - 110	P	07/08/2025	03:40	LB136390
	Cobalt	2500	2500	100	90 - 110	P	07/08/2025	03:40	LB136390
	Copper	1270	1250	102	90 - 110	P	07/08/2025	03:40	LB136390
	Iron	5150	5000	103	90 - 110	P	07/08/2025	03:40	LB136390
	Lead	4980	5000	100	90 - 110	P	07/08/2025	03:40	LB136390
	Magnesium	24300	25000	97	90 - 110	P	07/08/2025	03:40	LB136390
	Manganese	2470	2500	99	90 - 110	P	07/08/2025	03:40	LB136390
	Nickel	2510	2500	100	90 - 110	P	07/08/2025	03:40	LB136390
	Potassium	27100	25000	108	90 - 110	P	07/08/2025	03:40	LB136390
	Selenium	5020	5000	100	90 - 110	P	07/08/2025	03:40	LB136390
	Silver	1270	1250	101	90 - 110	P	07/08/2025	03:40	LB136390
	Sodium	25100	25000	101	90 - 110	P	07/08/2025	03:40	LB136390
	Thallium	4520	5000	90	90 - 110	P	07/08/2025	03:40	LB136390
	Vanadium	2490	2500	100	90 - 110	P	07/08/2025	03:40	LB136390
	Zinc	2500	2500	100	90 - 110	P	07/08/2025	03:40	LB136390

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Lab Code: ACE

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	7590	8000	95	90 - 110	P	07/09/2025	10:05	LB136407
	Antimony	3910	4000	98	90 - 110	P	07/09/2025	10:05	LB136407
	Arsenic	3660	4000	92	90 - 110	P	07/09/2025	10:05	LB136407
	Barium	7770	8000	97	90 - 110	P	07/09/2025	10:05	LB136407
	Beryllium	194	200	97	90 - 110	P	07/09/2025	10:05	LB136407
	Cadmium	1860	2000	93	90 - 110	P	07/09/2025	10:05	LB136407
	Calcium	19100	20000	95	90 - 110	P	07/09/2025	10:05	LB136407
	Chromium	784	800	98	90 - 110	P	07/09/2025	10:05	LB136407
	Cobalt	1910	2000	96	90 - 110	P	07/09/2025	10:05	LB136407
	Copper	1000	1000	100	90 - 110	P	07/09/2025	10:05	LB136407
	Iron	3730	4000	93	90 - 110	P	07/09/2025	10:05	LB136407
	Lead	3700	4000	92	90 - 110	P	07/09/2025	10:05	LB136407
	Magnesium	19100	20000	95	90 - 110	P	07/09/2025	10:05	LB136407
	Manganese	1920	2000	96	90 - 110	P	07/09/2025	10:05	LB136407
	Nickel	1890	2000	94	90 - 110	P	07/09/2025	10:05	LB136407
	Potassium	18500	20000	93	90 - 110	P	07/09/2025	10:05	LB136407
	Selenium	3760	4000	94	90 - 110	P	07/09/2025	10:05	LB136407
	Silver	1000	1000	100	90 - 110	P	07/09/2025	10:05	LB136407
	Sodium	19300	20000	96	90 - 110	P	07/09/2025	10:05	LB136407
	Thallium	3680	4000	92	90 - 110	P	07/09/2025	10:05	LB136407
	Vanadium	1940	2000	97	90 - 110	P	07/09/2025	10:05	LB136407
	Zinc	1950	2000	97	90 - 110	P	07/09/2025	10:05	LB136407

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	96.1	100	96	80 - 120	P	07/09/2025	10:17	LB136407
	Antimony	49.5	50.0	99	80 - 120	P	07/09/2025	10:17	LB136407
	Arsenic	20.8	20.0	104	80 - 120	P	07/09/2025	10:17	LB136407
	Barium	101	100	101	80 - 120	P	07/09/2025	10:17	LB136407
	Beryllium	6.07	6.0	101	80 - 120	P	07/09/2025	10:17	LB136407
	Cadmium	5.40	6.0	90	80 - 120	P	07/09/2025	10:17	LB136407
	Calcium	1940	2000	97	80 - 120	P	07/09/2025	10:17	LB136407
	Chromium	10.3	10.0	103	80 - 120	P	07/09/2025	10:17	LB136407
	Cobalt	28.4	30.0	95	80 - 120	P	07/09/2025	10:17	LB136407
	Copper	22.7	20.0	114	80 - 120	P	07/09/2025	10:17	LB136407
	Iron	117	100	117	80 - 120	P	07/09/2025	10:17	LB136407
	Lead	11.2	12.0	94	80 - 120	P	07/09/2025	10:17	LB136407
	Magnesium	2100	2000	105	80 - 120	P	07/09/2025	10:17	LB136407
	Manganese	23.0	20.0	115	80 - 120	P	07/09/2025	10:17	LB136407
	Nickel	37.8	40.0	95	80 - 120	P	07/09/2025	10:17	LB136407
	Potassium	1760	2000	88	80 - 120	P	07/09/2025	10:17	LB136407
	Selenium	21.3	20.0	107	80 - 120	P	07/09/2025	10:17	LB136407
	Silver	9.46	10.0	95	80 - 120	P	07/09/2025	10:17	LB136407
	Sodium	1770	2000	88	80 - 120	P	07/09/2025	10:17	LB136407
	Thallium	37.7	40.0	94	80 - 120	P	07/09/2025	10:17	LB136407
	Vanadium	37.7	40.0	94	80 - 120	P	07/09/2025	10:17	LB136407
	Zinc	42.1	40.0	105	80 - 120	P	07/09/2025	10:17	LB136407

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	102	90 - 110	P	07/09/2025	10:48	LB136407
	Antimony	5070	5000	101	90 - 110	P	07/09/2025	10:48	LB136407
	Arsenic	4990	5000	100	90 - 110	P	07/09/2025	10:48	LB136407
	Barium	10700	10000	107	90 - 110	P	07/09/2025	10:48	LB136407
	Beryllium	259	250	104	90 - 110	P	07/09/2025	10:48	LB136407
	Cadmium	2520	2500	101	90 - 110	P	07/09/2025	10:48	LB136407
	Calcium	25400	25000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Chromium	1030	1000	103	90 - 110	P	07/09/2025	10:48	LB136407
	Cobalt	2480	2500	99	90 - 110	P	07/09/2025	10:48	LB136407
	Copper	1290	1250	104	90 - 110	P	07/09/2025	10:48	LB136407
	Iron	5010	5000	100	90 - 110	P	07/09/2025	10:48	LB136407
	Lead	5040	5000	101	90 - 110	P	07/09/2025	10:48	LB136407
	Magnesium	24700	25000	99	90 - 110	P	07/09/2025	10:48	LB136407
	Manganese	2620	2500	105	90 - 110	P	07/09/2025	10:48	LB136407
	Nickel	2470	2500	99	90 - 110	P	07/09/2025	10:48	LB136407
	Potassium	25800	25000	103	90 - 110	P	07/09/2025	10:48	LB136407
	Selenium	5080	5000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Silver	1260	1250	101	90 - 110	P	07/09/2025	10:48	LB136407
	Sodium	26500	25000	106	90 - 110	P	07/09/2025	10:48	LB136407
	Thallium	5100	5000	102	90 - 110	P	07/09/2025	10:48	LB136407
	Vanadium	2630	2500	105	90 - 110	P	07/09/2025	10:48	LB136407
	Zinc	2630	2500	105	90 - 110	P	07/09/2025	10:48	LB136407
CCV02	Aluminum	9890	10000	99	90 - 110	P	07/09/2025	11:47	LB136407
	Antimony	5010	5000	100	90 - 110	P	07/09/2025	11:47	LB136407
	Arsenic	4800	5000	96	90 - 110	P	07/09/2025	11:47	LB136407
	Barium	10700	10000	107	90 - 110	P	07/09/2025	11:47	LB136407
	Beryllium	254	250	102	90 - 110	P	07/09/2025	11:47	LB136407
	Cadmium	2430	2500	97	90 - 110	P	07/09/2025	11:47	LB136407
	Calcium	25200	25000	101	90 - 110	P	07/09/2025	11:47	LB136407
	Chromium	997	1000	100	90 - 110	P	07/09/2025	11:47	LB136407
	Cobalt	2400	2500	96	90 - 110	P	07/09/2025	11:47	LB136407
	Copper	1260	1250	101	90 - 110	P	07/09/2025	11:47	LB136407
	Iron	4860	5000	97	90 - 110	P	07/09/2025	11:47	LB136407
	Lead	4860	5000	97	90 - 110	P	07/09/2025	11:47	LB136407

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	07/09/2025	11:47	LB136407
	Manganese	2580	2500	103	90 - 110	P	07/09/2025	11:47	LB136407
	Nickel	2400	2500	96	90 - 110	P	07/09/2025	11:47	LB136407
	Potassium	24100	25000	96	90 - 110	P	07/09/2025	11:47	LB136407
	Selenium	4960	5000	99	90 - 110	P	07/09/2025	11:47	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	11:47	LB136407
	Sodium	24500	25000	98	90 - 110	P	07/09/2025	11:47	LB136407
	Thallium	4990	5000	100	90 - 110	P	07/09/2025	11:47	LB136407
	Vanadium	2600	2500	104	90 - 110	P	07/09/2025	11:47	LB136407
	Zinc	2590	2500	104	90 - 110	P	07/09/2025	11:47	LB136407
CCV03	Aluminum	10000	10000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Antimony	5020	5000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Arsenic	4830	5000	96	90 - 110	P	07/09/2025	12:54	LB136407
	Barium	10800	10000	108	90 - 110	P	07/09/2025	12:54	LB136407
	Beryllium	257	250	103	90 - 110	P	07/09/2025	12:54	LB136407
	Cadmium	2440	2500	98	90 - 110	P	07/09/2025	12:54	LB136407
	Calcium	25500	25000	102	90 - 110	P	07/09/2025	12:54	LB136407
	Chromium	1000	1000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Cobalt	2410	2500	97	90 - 110	P	07/09/2025	12:54	LB136407
	Copper	1270	1250	102	90 - 110	P	07/09/2025	12:54	LB136407
	Iron	4930	5000	99	90 - 110	P	07/09/2025	12:54	LB136407
	Lead	4890	5000	98	90 - 110	P	07/09/2025	12:54	LB136407
	Magnesium	24500	25000	98	90 - 110	P	07/09/2025	12:54	LB136407
	Manganese	2590	2500	103	90 - 110	P	07/09/2025	12:54	LB136407
	Nickel	2410	2500	96	90 - 110	P	07/09/2025	12:54	LB136407
	Potassium	24700	25000	99	90 - 110	P	07/09/2025	12:54	LB136407
	Selenium	5010	5000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	12:54	LB136407
	Sodium	25000	25000	100	90 - 110	P	07/09/2025	12:54	LB136407
	Thallium	5030	5000	101	90 - 110	P	07/09/2025	12:54	LB136407
	Vanadium	2590	2500	104	90 - 110	P	07/09/2025	12:54	LB136407
	Zinc	2600	2500	104	90 - 110	P	07/09/2025	12:54	LB136407
CCV04	Aluminum	10100	10000	101	90 - 110	P	07/09/2025	14:05	LB136407
	Antimony	5010	5000	100	90 - 110	P	07/09/2025	14:05	LB136407

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	4860	5000	97	90 - 110	P	07/09/2025	14:05	LB136407
	Barium	10700	10000	107	90 - 110	P	07/09/2025	14:05	LB136407
	Beryllium	259	250	104	90 - 110	P	07/09/2025	14:05	LB136407
	Cadmium	2460	2500	98	90 - 110	P	07/09/2025	14:05	LB136407
	Calcium	25700	25000	103	90 - 110	P	07/09/2025	14:05	LB136407
	Chromium	1000	1000	100	90 - 110	P	07/09/2025	14:05	LB136407
	Cobalt	2410	2500	96	90 - 110	P	07/09/2025	14:05	LB136407
	Copper	1280	1250	102	90 - 110	P	07/09/2025	14:05	LB136407
	Iron	5000	5000	100	90 - 110	P	07/09/2025	14:05	LB136407
	Lead	4930	5000	99	90 - 110	P	07/09/2025	14:05	LB136407
	Magnesium	24500	25000	98	90 - 110	P	07/09/2025	14:05	LB136407
	Manganese	2590	2500	104	90 - 110	P	07/09/2025	14:05	LB136407
	Nickel	2420	2500	97	90 - 110	P	07/09/2025	14:05	LB136407
	Potassium	25300	25000	101	90 - 110	P	07/09/2025	14:05	LB136407
	Selenium	5050	5000	101	90 - 110	P	07/09/2025	14:05	LB136407
	Silver	1260	1250	101	90 - 110	P	07/09/2025	14:05	LB136407
	Sodium	25800	25000	103	90 - 110	P	07/09/2025	14:05	LB136407
	Thallium	5080	5000	102	90 - 110	P	07/09/2025	14:05	LB136407
	Vanadium	2580	2500	103	90 - 110	P	07/09/2025	14:05	LB136407
	Zinc	2580	2500	103	90 - 110	P	07/09/2025	14:05	LB136407
CCV05	Aluminum	10200	10000	102	90 - 110	P	07/09/2025	15:27	LB136407
	Antimony	5170	5000	103	90 - 110	P	07/09/2025	15:27	LB136407
	Arsenic	5070	5000	101	90 - 110	P	07/09/2025	15:27	LB136407
	Barium	10800	10000	108	90 - 110	P	07/09/2025	15:27	LB136407
	Beryllium	272	250	109	90 - 110	P	07/09/2025	15:27	LB136407
	Cadmium	2560	2500	103	90 - 110	P	07/09/2025	15:27	LB136407
	Calcium	26100	25000	104	90 - 110	P	07/09/2025	15:27	LB136407
	Chromium	1030	1000	103	90 - 110	P	07/09/2025	15:27	LB136407
	Cobalt	2500	2500	100	90 - 110	P	07/09/2025	15:27	LB136407
	Copper	1340	1250	107	90 - 110	P	07/09/2025	15:27	LB136407
	Iron	5360	5000	107	90 - 110	P	07/09/2025	15:27	LB136407
	Lead	5130	5000	103	90 - 110	P	07/09/2025	15:27	LB136407
	Magnesium	25100	25000	100	90 - 110	P	07/09/2025	15:27	LB136407
	Manganese	2600	2500	104	90 - 110	P	07/09/2025	15:27	LB136407

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	2510	2500	100	90 - 110	P	07/09/2025	15:27	LB136407
	Potassium	26800	25000	107	90 - 110	P	07/09/2025	15:27	LB136407
	Selenium	5260	5000	105	90 - 110	P	07/09/2025	15:27	LB136407
	Silver	1280	1250	102	90 - 110	P	07/09/2025	15:27	LB136407
	Sodium	27100	25000	108	90 - 110	P	07/09/2025	15:27	LB136407
	Thallium	5270	5000	106	90 - 110	P	07/09/2025	15:27	LB136407
	Vanadium	2600	2500	104	90 - 110	P	07/09/2025	15:27	LB136407
	Zinc	2620	2500	105	90 - 110	P	07/09/2025	15:27	LB136407
CCV06	Aluminum	10100	10000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Antimony	5040	5000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Arsenic	4880	5000	98	90 - 110	P	07/09/2025	16:39	LB136407
	Barium	10600	10000	106	90 - 110	P	07/09/2025	16:39	LB136407
	Beryllium	260	250	104	90 - 110	P	07/09/2025	16:39	LB136407
	Cadmium	2470	2500	99	90 - 110	P	07/09/2025	16:39	LB136407
	Calcium	25600	25000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Chromium	1000	1000	100	90 - 110	P	07/09/2025	16:39	LB136407
	Cobalt	2430	2500	97	90 - 110	P	07/09/2025	16:39	LB136407
	Copper	1280	1250	103	90 - 110	P	07/09/2025	16:39	LB136407
	Iron	5080	5000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Lead	4940	5000	99	90 - 110	P	07/09/2025	16:39	LB136407
	Magnesium	24700	25000	99	90 - 110	P	07/09/2025	16:39	LB136407
	Manganese	2580	2500	103	90 - 110	P	07/09/2025	16:39	LB136407
	Nickel	2430	2500	97	90 - 110	P	07/09/2025	16:39	LB136407
	Potassium	25300	25000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Selenium	5090	5000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Silver	1250	1250	100	90 - 110	P	07/09/2025	16:39	LB136407
	Sodium	25300	25000	101	90 - 110	P	07/09/2025	16:39	LB136407
	Thallium	5110	5000	102	90 - 110	P	07/09/2025	16:39	LB136407
	Vanadium	2570	2500	103	90 - 110	P	07/09/2025	16:39	LB136407
	Zinc	2560	2500	102	90 - 110	P	07/09/2025	16:39	LB136407
CCV07	Aluminum	10000	10000	100	90 - 110	P	07/09/2025	17:50	LB136407
	Antimony	4980	5000	100	90 - 110	P	07/09/2025	17:50	LB136407
	Arsenic	4770	5000	95	90 - 110	P	07/09/2025	17:50	LB136407
	Barium	10500	10000	105	90 - 110	P	07/09/2025	17:50	LB136407

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	258	250	103	90 - 110	P	07/09/2025	17:50	LB136407
	Cadmium	2420	2500	97	90 - 110	P	07/09/2025	17:50	LB136407
	Calcium	25500	25000	102	90 - 110	P	07/09/2025	17:50	LB136407
	Chromium	982	1000	98	90 - 110	P	07/09/2025	17:50	LB136407
	Cobalt	2380	2500	95	90 - 110	P	07/09/2025	17:50	LB136407
	Copper	1270	1250	102	90 - 110	P	07/09/2025	17:50	LB136407
	Iron	5070	5000	101	90 - 110	P	07/09/2025	17:50	LB136407
	Lead	4830	5000	97	90 - 110	P	07/09/2025	17:50	LB136407
	Magnesium	24700	25000	99	90 - 110	P	07/09/2025	17:50	LB136407
	Manganese	2570	2500	103	90 - 110	P	07/09/2025	17:50	LB136407
	Nickel	2390	2500	96	90 - 110	P	07/09/2025	17:50	LB136407
	Potassium	23900	25000	96	90 - 110	P	07/09/2025	17:50	LB136407
	Selenium	5010	5000	100	90 - 110	P	07/09/2025	17:50	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	17:50	LB136407
	Sodium	24000	25000	96	90 - 110	P	07/09/2025	17:50	LB136407
	Thallium	5040	5000	101	90 - 110	P	07/09/2025	17:50	LB136407
	Vanadium	2540	2500	102	90 - 110	P	07/09/2025	17:50	LB136407
	Zinc	2520	2500	101	90 - 110	P	07/09/2025	17:50	LB136407
CCV08	Aluminum	9890	10000	99	90 - 110	P	07/09/2025	18:54	LB136407
	Antimony	4930	5000	99	90 - 110	P	07/09/2025	18:54	LB136407
	Arsenic	4700	5000	94	90 - 110	P	07/09/2025	18:54	LB136407
	Barium	10400	10000	104	90 - 110	P	07/09/2025	18:54	LB136407
	Beryllium	255	250	102	90 - 110	P	07/09/2025	18:54	LB136407
	Cadmium	2400	2500	96	90 - 110	P	07/09/2025	18:54	LB136407
	Calcium	25100	25000	100	90 - 110	P	07/09/2025	18:54	LB136407
	Chromium	966	1000	97	90 - 110	P	07/09/2025	18:54	LB136407
	Cobalt	2340	2500	94	90 - 110	P	07/09/2025	18:54	LB136407
	Copper	1250	1250	100	90 - 110	P	07/09/2025	18:54	LB136407
	Iron	5020	5000	100	90 - 110	P	07/09/2025	18:54	LB136407
	Lead	4780	5000	96	90 - 110	P	07/09/2025	18:54	LB136407
	Magnesium	24300	25000	97	90 - 110	P	07/09/2025	18:54	LB136407
	Manganese	2520	2500	101	90 - 110	P	07/09/2025	18:54	LB136407
	Nickel	2370	2500	95	90 - 110	P	07/09/2025	18:54	LB136407
	Potassium	23500	25000	94	90 - 110	P	07/09/2025	18:54	LB136407

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	4970	5000	99	90 - 110	P	07/09/2025	18:54	LB136407
	Silver	1220	1250	98	90 - 110	P	07/09/2025	18:54	LB136407
	Sodium	23600	25000	94	90 - 110	P	07/09/2025	18:54	LB136407
	Thallium	5010	5000	100	90 - 110	P	07/09/2025	18:54	LB136407
	Vanadium	2510	2500	101	90 - 110	P	07/09/2025	18:54	LB136407
	Zinc	2490	2500	100	90 - 110	P	07/09/2025	18:54	LB136407
CCV09	Aluminum	9970	10000	100	90 - 110	P	07/09/2025	19:48	LB136407
	Antimony	5030	5000	101	90 - 110	P	07/09/2025	19:48	LB136407
	Arsenic	4800	5000	96	90 - 110	P	07/09/2025	19:48	LB136407
	Barium	10400	10000	104	90 - 110	P	07/09/2025	19:48	LB136407
	Beryllium	255	250	102	90 - 110	P	07/09/2025	19:48	LB136407
	Cadmium	2450	2500	98	90 - 110	P	07/09/2025	19:48	LB136407
	Calcium	25400	25000	102	90 - 110	P	07/09/2025	19:48	LB136407
	Chromium	983	1000	98	90 - 110	P	07/09/2025	19:48	LB136407
	Cobalt	2390	2500	96	90 - 110	P	07/09/2025	19:48	LB136407
	Copper	1260	1250	101	90 - 110	P	07/09/2025	19:48	LB136407
	Iron	5050	5000	101	90 - 110	P	07/09/2025	19:48	LB136407
	Lead	4870	5000	97	90 - 110	P	07/09/2025	19:48	LB136407
	Magnesium	24400	25000	98	90 - 110	P	07/09/2025	19:48	LB136407
	Manganese	2550	2500	102	90 - 110	P	07/09/2025	19:48	LB136407
	Nickel	2410	2500	97	90 - 110	P	07/09/2025	19:48	LB136407
	Potassium	23800	25000	95	90 - 110	P	07/09/2025	19:48	LB136407
	Selenium	5080	5000	102	90 - 110	P	07/09/2025	19:48	LB136407
	Silver	1250	1250	100	90 - 110	P	07/09/2025	19:48	LB136407
	Sodium	23700	25000	95	90 - 110	P	07/09/2025	19:48	LB136407
	Thallium	5120	5000	102	90 - 110	P	07/09/2025	19:48	LB136407
	Vanadium	2540	2500	102	90 - 110	P	07/09/2025	19:48	LB136407
	Zinc	2540	2500	101	90 - 110	P	07/09/2025	19:48	LB136407
CCV10	Aluminum	10100	10000	101	90 - 110	P	07/09/2025	20:41	LB136407
	Antimony	5140	5000	103	90 - 110	P	07/09/2025	20:41	LB136407
	Arsenic	4910	5000	98	90 - 110	P	07/09/2025	20:41	LB136407
	Barium	10600	10000	106	90 - 110	P	07/09/2025	20:41	LB136407
	Beryllium	260	250	104	90 - 110	P	07/09/2025	20:41	LB136407
	Cadmium	2510	2500	100	90 - 110	P	07/09/2025	20:41	LB136407

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	25900	25000	103	90 - 110	P	07/09/2025	20:41	LB136407
	Chromium	1010	1000	101	90 - 110	P	07/09/2025	20:41	LB136407
	Cobalt	2440	2500	98	90 - 110	P	07/09/2025	20:41	LB136407
	Copper	1280	1250	102	90 - 110	P	07/09/2025	20:41	LB136407
	Iron	5110	5000	102	90 - 110	P	07/09/2025	20:41	LB136407
	Lead	4990	5000	100	90 - 110	P	07/09/2025	20:41	LB136407
	Magnesium	24800	25000	99	90 - 110	P	07/09/2025	20:41	LB136407
	Manganese	2610	2500	104	90 - 110	P	07/09/2025	20:41	LB136407
	Nickel	2470	2500	99	90 - 110	P	07/09/2025	20:41	LB136407
	Potassium	24600	25000	98	90 - 110	P	07/09/2025	20:41	LB136407
	Selenium	5200	5000	104	90 - 110	P	07/09/2025	20:41	LB136407
	Silver	1270	1250	102	90 - 110	P	07/09/2025	20:41	LB136407
	Sodium	24200	25000	97	90 - 110	P	07/09/2025	20:41	LB136407
	Thallium	5230	5000	105	90 - 110	P	07/09/2025	20:41	LB136407
	Vanadium	2590	2500	104	90 - 110	P	07/09/2025	20:41	LB136407
	Zinc	2610	2500	104	90 - 110	P	07/09/2025	20:41	LB136407
CCV11	Aluminum	10000	10000	100	90 - 110	P	07/09/2025	21:12	LB136407
	Antimony	4990	5000	100	90 - 110	P	07/09/2025	21:12	LB136407
	Arsenic	4740	5000	95	90 - 110	P	07/09/2025	21:12	LB136407
	Barium	10400	10000	104	90 - 110	P	07/09/2025	21:12	LB136407
	Beryllium	257	250	103	90 - 110	P	07/09/2025	21:12	LB136407
	Cadmium	2420	2500	97	90 - 110	P	07/09/2025	21:12	LB136407
	Calcium	25300	25000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Chromium	975	1000	98	90 - 110	P	07/09/2025	21:12	LB136407
	Cobalt	2360	2500	95	90 - 110	P	07/09/2025	21:12	LB136407
	Copper	1260	1250	101	90 - 110	P	07/09/2025	21:12	LB136407
	Iron	5070	5000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Lead	4820	5000	96	90 - 110	P	07/09/2025	21:12	LB136407
	Magnesium	24400	25000	98	90 - 110	P	07/09/2025	21:12	LB136407
	Manganese	2560	2500	102	90 - 110	P	07/09/2025	21:12	LB136407
	Nickel	2390	2500	96	90 - 110	P	07/09/2025	21:12	LB136407
	Potassium	23900	25000	96	90 - 110	P	07/09/2025	21:12	LB136407
	Selenium	5050	5000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Silver	1240	1250	99	90 - 110	P	07/09/2025	21:12	LB136407

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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
CCV11	Sodium	23800	25000	95	90 - 110	P	07/09/2025	21:12	LB136407
	Thallium	5060	5000	101	90 - 110	P	07/09/2025	21:12	LB136407
	Vanadium	2550	2500	102	90 - 110	P	07/09/2025	21:12	LB136407
	Zinc	2540	2500	102	90 - 110	P	07/09/2025	21:12	LB136407

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	7840	8000	98	90 - 110	P	07/15/2025	13:39	LB136486
	Antimony	4070	4000	102	90 - 110	P	07/15/2025	13:39	LB136486
	Arsenic	3770	4000	94	90 - 110	P	07/15/2025	13:39	LB136486
	Barium	7830	8000	98	90 - 110	P	07/15/2025	13:39	LB136486
	Beryllium	205	200	102	90 - 110	P	07/15/2025	13:39	LB136486
	Cadmium	1920	2000	96	90 - 110	P	07/15/2025	13:39	LB136486
	Calcium	19500	20000	98	90 - 110	P	07/15/2025	13:39	LB136486
	Chromium	797	800	100	90 - 110	P	07/15/2025	13:39	LB136486
	Cobalt	1960	2000	98	90 - 110	P	07/15/2025	13:39	LB136486
	Copper	1040	1000	104	90 - 110	P	07/15/2025	13:39	LB136486
	Iron	4000	4000	100	90 - 110	P	07/15/2025	13:39	LB136486
	Lead	3810	4000	95	90 - 110	P	07/15/2025	13:39	LB136486
	Magnesium	19700	20000	99	90 - 110	P	07/15/2025	13:39	LB136486
	Manganese	1960	2000	98	90 - 110	P	07/15/2025	13:39	LB136486
	Nickel	1960	2000	98	90 - 110	P	07/15/2025	13:39	LB136486
	Potassium	18400	20000	92	90 - 110	P	07/15/2025	13:39	LB136486
	Selenium	3910	4000	98	90 - 110	P	07/15/2025	13:39	LB136486
	Silver	1070	1000	107	90 - 110	P	07/15/2025	13:39	LB136486
	Sodium	19600	20000	98	90 - 110	P	07/15/2025	13:39	LB136486
	Thallium	3800	4000	95	90 - 110	P	07/15/2025	13:39	LB136486
	Vanadium	1960	2000	98	90 - 110	P	07/15/2025	13:39	LB136486
	Zinc	1980	2000	99	90 - 110	P	07/15/2025	13:39	LB136486

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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
LLICV1	Aluminum	113	100	113	80 - 120	P	07/15/2025	13:50	LB136486
	Antimony	54.5	50.0	109	80 - 120	P	07/15/2025	13:50	LB136486
	Arsenic	17.4	20.0	87	80 - 120	P	07/15/2025	13:50	LB136486
	Barium	101	100	101	80 - 120	P	07/15/2025	13:50	LB136486
	Beryllium	6.45	6.0	108	80 - 120	P	07/15/2025	13:50	LB136486
	Cadmium	5.65	6.0	94	80 - 120	P	07/15/2025	13:50	LB136486
	Calcium	2090	2000	105	80 - 120	P	07/15/2025	13:50	LB136486
	Chromium	9.89	10.0	99	80 - 120	P	07/15/2025	13:50	LB136486
	Cobalt	30.8	30.0	103	80 - 120	P	07/15/2025	13:50	LB136486
	Copper	22.8	20.0	114	80 - 120	P	07/15/2025	13:50	LB136486
	Iron	116	100	116	80 - 120	P	07/15/2025	13:50	LB136486
	Lead	12.7	12.0	106	80 - 120	P	07/15/2025	13:50	LB136486
	Magnesium	2300	2000	115	80 - 120	P	07/15/2025	13:50	LB136486
	Manganese	22.7	20.0	114	80 - 120	P	07/15/2025	13:50	LB136486
	Nickel	39.9	40.0	100	80 - 120	P	07/15/2025	13:50	LB136486
	Potassium	1830	2000	92	80 - 120	P	07/15/2025	13:50	LB136486
	Selenium	22.8	20.0	114	80 - 120	P	07/15/2025	13:50	LB136486
	Silver	11.4	10.0	114	80 - 120	P	07/15/2025	13:50	LB136486
	Sodium	1860	2000	93	80 - 120	P	07/15/2025	13:50	LB136486
	Thallium	42.1	40.0	105	80 - 120	P	07/15/2025	13:50	LB136486
	Vanadium	37.5	40.0	94	80 - 120	P	07/15/2025	13:50	LB136486
	Zinc	42.1	40.0	105	80 - 120	P	07/15/2025	13:50	LB136486

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	10000	10000	100	90 - 110	P	07/15/2025	14:34	LB136486
	Antimony	4960	5000	99	90 - 110	P	07/15/2025	14:34	LB136486
	Arsenic	4900	5000	98	90 - 110	P	07/15/2025	14:34	LB136486
	Barium	9990	10000	100	90 - 110	P	07/15/2025	14:34	LB136486
	Beryllium	254	250	101	90 - 110	P	07/15/2025	14:34	LB136486
	Cadmium	2470	2500	99	90 - 110	P	07/15/2025	14:34	LB136486
	Calcium	25000	25000	100	90 - 110	P	07/15/2025	14:34	LB136486
	Chromium	1010	1000	101	90 - 110	P	07/15/2025	14:34	LB136486
	Cobalt	2470	2500	99	90 - 110	P	07/15/2025	14:34	LB136486
	Copper	1260	1250	101	90 - 110	P	07/15/2025	14:34	LB136486
	Iron	5120	5000	102	90 - 110	P	07/15/2025	14:34	LB136486
	Lead	4930	5000	99	90 - 110	P	07/15/2025	14:34	LB136486
	Magnesium	24600	25000	98	90 - 110	P	07/15/2025	14:34	LB136486
	Manganese	2500	2500	100	90 - 110	P	07/15/2025	14:34	LB136486
	Nickel	2480	2500	99	90 - 110	P	07/15/2025	14:34	LB136486
	Potassium	24900	25000	100	90 - 110	P	07/15/2025	14:34	LB136486
	Selenium	4960	5000	99	90 - 110	P	07/15/2025	14:34	LB136486
	Silver	1250	1250	100	90 - 110	P	07/15/2025	14:34	LB136486
	Sodium	24800	25000	99	90 - 110	P	07/15/2025	14:34	LB136486
	Thallium	4970	5000	99	90 - 110	P	07/15/2025	14:34	LB136486
	Vanadium	2500	2500	100	90 - 110	P	07/15/2025	14:34	LB136486
	Zinc	2480	2500	99	90 - 110	P	07/15/2025	14:34	LB136486
CCV02	Aluminum	10100	10000	100	90 - 110	P	07/15/2025	15:11	LB136486
	Antimony	4990	5000	100	90 - 110	P	07/15/2025	15:11	LB136486
	Arsenic	4890	5000	98	90 - 110	P	07/15/2025	15:11	LB136486
	Barium	10100	10000	101	90 - 110	P	07/15/2025	15:11	LB136486
	Beryllium	254	250	101	90 - 110	P	07/15/2025	15:11	LB136486
	Cadmium	2460	2500	98	90 - 110	P	07/15/2025	15:11	LB136486
	Calcium	25100	25000	100	90 - 110	P	07/15/2025	15:11	LB136486
	Chromium	1010	1000	101	90 - 110	P	07/15/2025	15:11	LB136486
	Cobalt	2470	2500	99	90 - 110	P	07/15/2025	15:11	LB136486
	Copper	1260	1250	101	90 - 110	P	07/15/2025	15:11	LB136486
	Iron	5140	5000	103	90 - 110	P	07/15/2025	15:11	LB136486
	Lead	4910	5000	98	90 - 110	P	07/15/2025	15:11	LB136486

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: JPCL Engineering

SDG No.: Q2473

Contract: JPCL01

Lab Code: ACE

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	24800	25000	99	90 - 110	P	07/15/2025	15:11	LB136486
	Manganese	2510	2500	100	90 - 110	P	07/15/2025	15:11	LB136486
	Nickel	2480	2500	99	90 - 110	P	07/15/2025	15:11	LB136486
	Potassium	23500	25000	94	90 - 110	P	07/15/2025	15:11	LB136486
	Selenium	4970	5000	99	90 - 110	P	07/15/2025	15:11	LB136486
	Silver	1260	1250	101	90 - 110	P	07/15/2025	15:11	LB136486
	Sodium	23900	25000	96	90 - 110	P	07/15/2025	15:11	LB136486
	Thallium	4980	5000	100	90 - 110	P	07/15/2025	15:11	LB136486
	Vanadium	2500	2500	100	90 - 110	P	07/15/2025	15:11	LB136486
	Zinc	2460	2500	99	90 - 110	P	07/15/2025	15:11	LB136486