

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q1739

Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q1739 **SAS No.:** Q1739

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
ICV84	Mercury	3.61	4.0	90	90 - 110	CV	04/11/2025	10:03	LB135388

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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
CCV59	Mercury	5.05	5.0	101	90 - 110	CV	04/11/2025	10:07	LB135388
CCV60	Mercury	4.52	5.0	90	90 - 110	CV	04/11/2025	10:37	LB135388
CCV61	Mercury	4.67	5.0	93	90 - 110	CV	04/11/2025	11:14	LB135388
CCV62	Mercury	4.81	5.0	96	90 - 110	CV	04/11/2025	11:41	LB135388

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Client: PARSONS Engineering of New York, Inc. SDG No.: Q1739

Contract: PARS02 Lab Code: CHEM Case No.: Q1739 SAS No.: Q1739

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	Arsenic	1040	1000	104	90 - 110	P	04/08/2025	14:27	LB135348
	Barium	491	520	94	90 - 110	P	04/08/2025	14:27	LB135348
	Cadmium	486	510	95	90 - 110	P	04/08/2025	14:27	LB135348
	Chromium	526	520	101	90 - 110	P	04/08/2025	14:27	LB135348
	Lead	983	1000	98	90 - 110	P	04/08/2025	14:27	LB135348
	Selenium	1070	1000	107	90 - 110	P	04/08/2025	14:27	LB135348
	Silver	254	250	102	90 - 110	P	04/08/2025	14:27	LB135348

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Arsenic	19.5	20.0	98	80 - 120	P	04/08/2025	14:32	LB135348
	Barium	80.2	100	80	80 - 120	P	04/08/2025	14:32	LB135348
	Cadmium	5.70	6.0	95	80 - 120	P	04/08/2025	14:32	LB135348
	Chromium	10.9	10.0	108	80 - 120	P	04/08/2025	14:32	LB135348
	Lead	12.7	12.0	106	80 - 120	P	04/08/2025	14:32	LB135348
	Selenium	21.7	20.0	109	80 - 120	P	04/08/2025	14:32	LB135348
	Silver	10.9	10.0	109	80 - 120	P	04/08/2025	14:32	LB135348

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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	Arsenic	5270	5000	105	90 - 110	P	04/08/2025	15:30	LB135348
	Barium	9350	10000	94	90 - 110	P	04/08/2025	15:30	LB135348
	Cadmium	2420	2500	97	90 - 110	P	04/08/2025	15:30	LB135348
	Chromium	1060	1000	106	90 - 110	P	04/08/2025	15:30	LB135348
	Lead	4960	5000	99	90 - 110	P	04/08/2025	15:30	LB135348
	Selenium	5190	5000	104	90 - 110	P	04/08/2025	15:30	LB135348
	Silver	1240	1250	100	90 - 110	P	04/08/2025	15:30	LB135348
CCV02	Arsenic	5400	5000	108	90 - 110	P	04/08/2025	16:13	LB135348
	Barium	9540	10000	95	90 - 110	P	04/08/2025	16:13	LB135348
	Cadmium	2480	2500	99	90 - 110	P	04/08/2025	16:13	LB135348
	Chromium	1090	1000	109	90 - 110	P	04/08/2025	16:13	LB135348
	Lead	5090	5000	102	90 - 110	P	04/08/2025	16:13	LB135348
	Selenium	5300	5000	106	90 - 110	P	04/08/2025	16:13	LB135348
	Silver	1290	1250	103	90 - 110	P	04/08/2025	16:13	LB135348
CCV03	Arsenic	5050	5000	101	90 - 110	P	04/08/2025	17:13	LB135348
	Barium	9230	10000	92	90 - 110	P	04/08/2025	17:13	LB135348
	Cadmium	2350	2500	94	90 - 110	P	04/08/2025	17:13	LB135348
	Chromium	1050	1000	105	90 - 110	P	04/08/2025	17:13	LB135348
	Lead	4830	5000	97	90 - 110	P	04/08/2025	17:13	LB135348
	Selenium	5040	5000	101	90 - 110	P	04/08/2025	17:13	LB135348
	Silver	1230	1250	98	90 - 110	P	04/08/2025	17:13	LB135348
CCV04	Arsenic	5320	5000	106	90 - 110	P	04/08/2025	18:16	LB135348
	Barium	9360	10000	94	90 - 110	P	04/08/2025	18:16	LB135348
	Cadmium	2400	2500	96	90 - 110	P	04/08/2025	18:16	LB135348
	Chromium	1070	1000	107	90 - 110	P	04/08/2025	18:16	LB135348
	Lead	4930	5000	98	90 - 110	P	04/08/2025	18:16	LB135348
	Selenium	5220	5000	104	90 - 110	P	04/08/2025	18:16	LB135348
	Silver	1240	1250	100	90 - 110	P	04/08/2025	18:16	LB135348
CCV05	Arsenic	5360	5000	107	90 - 110	P	04/08/2025	18:34	LB135348
	Barium	9190	10000	92	90 - 110	P	04/08/2025	18:34	LB135348
	Cadmium	2380	2500	95	90 - 110	P	04/08/2025	18:34	LB135348
	Chromium	1090	1000	109	90 - 110	P	04/08/2025	18:34	LB135348
	Lead	4940	5000	99	90 - 110	P	04/08/2025	18:34	LB135348
	Selenium	5190	5000	104	90 - 110	P	04/08/2025	18:34	LB135348

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CCV05	Silver	1230	1250	99	90 - 110	P	04/08/2025	18:34	LB135348
