

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc. **SDG No.:** Q2267
Contract: PARS02 **Lab Code:** CHEM **Case No.:** Q2267 **SAS No.:** Q2267
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
ICV35	Mercury	4.01	4.0	100	90 - 110	CV	06/12/2025	10:12	LB136124

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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
CCV30	Mercury	4.64	5.0	93	90 - 110	CV	06/12/2025	10:16	LB136124
CCV31	Mercury	5.04	5.0	101	90 - 110	CV	06/12/2025	10:50	LB136124
CCV32	Mercury	4.71	5.0	94	90 - 110	CV	06/12/2025	11:17	LB136124
CCV33	Mercury	4.79	5.0	96	90 - 110	CV	06/12/2025	11:38	LB136124
CCV34	Mercury	4.89	5.0	98	90 - 110	CV	06/12/2025	11:58	LB136124

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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
ICV01	Arsenic	3730	4000	93	90 - 110	P	06/11/2025	13:53	LB136119
	Barium	7690	8000	96	90 - 110	P	06/11/2025	13:53	LB136119
	Cadmium	1850	2000	92	90 - 110	P	06/11/2025	13:53	LB136119
	Chromium	765	800	96	90 - 110	P	06/11/2025	13:53	LB136119
	Lead	3710	4000	93	90 - 110	P	06/11/2025	13:53	LB136119
	Selenium	3770	4000	94	90 - 110	P	06/11/2025	13:53	LB136119
	Silver	940	1000	94	90 - 110	P	06/11/2025	13:53	LB136119

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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	20.1	20.0	100	80 - 120	P	06/11/2025	13:57	LB136119
	Barium	92.8	100	93	80 - 120	P	06/11/2025	13:57	LB136119
	Cadmium	4.84	6.0	81	80 - 120	P	06/11/2025	13:57	LB136119
	Chromium	9.73	10.0	97	80 - 120	P	06/11/2025	13:57	LB136119
	Lead	10.8	12.0	90	80 - 120	P	06/11/2025	13:57	LB136119
	Selenium	20.8	20.0	104	80 - 120	P	06/11/2025	13:57	LB136119
	Silver	9.82	10.0	98	80 - 120	P	06/11/2025	13:57	LB136119

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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	4970	5000	99	90 - 110	P	06/11/2025	14:42	LB136119
	Barium	10000	10000	100	90 - 110	P	06/11/2025	14:42	LB136119
	Cadmium	2420	2500	97	90 - 110	P	06/11/2025	14:42	LB136119
	Chromium	991	1000	99	90 - 110	P	06/11/2025	14:42	LB136119
	Lead	4910	5000	98	90 - 110	P	06/11/2025	14:42	LB136119
	Selenium	4970	5000	99	90 - 110	P	06/11/2025	14:42	LB136119
	Silver	1240	1250	99	90 - 110	P	06/11/2025	14:42	LB136119
CCV02	Arsenic	4770	5000	95	90 - 110	P	06/11/2025	16:33	LB136119
	Barium	9770	10000	98	90 - 110	P	06/11/2025	16:33	LB136119
	Cadmium	2430	2500	97	90 - 110	P	06/11/2025	16:33	LB136119
	Chromium	963	1000	96	90 - 110	P	06/11/2025	16:33	LB136119
	Lead	4870	5000	97	90 - 110	P	06/11/2025	16:33	LB136119
	Selenium	4780	5000	96	90 - 110	P	06/11/2025	16:33	LB136119
	Silver	1210	1250	96	90 - 110	P	06/11/2025	16:33	LB136119
CCV03	Arsenic	4820	5000	96	90 - 110	P	06/11/2025	17:27	LB136119
	Barium	9760	10000	98	90 - 110	P	06/11/2025	17:27	LB136119
	Cadmium	2440	2500	98	90 - 110	P	06/11/2025	17:27	LB136119
	Chromium	946	1000	95	90 - 110	P	06/11/2025	17:27	LB136119
	Lead	4890	5000	98	90 - 110	P	06/11/2025	17:27	LB136119
	Selenium	4850	5000	97	90 - 110	P	06/11/2025	17:27	LB136119
	Silver	1190	1250	95	90 - 110	P	06/11/2025	17:27	LB136119
CCV04	Arsenic	4860	5000	97	90 - 110	P	06/11/2025	18:21	LB136119
	Barium	9950	10000	100	90 - 110	P	06/11/2025	18:21	LB136119
	Cadmium	2440	2500	98	90 - 110	P	06/11/2025	18:21	LB136119
	Chromium	959	1000	96	90 - 110	P	06/11/2025	18:21	LB136119
	Lead	4920	5000	98	90 - 110	P	06/11/2025	18:21	LB136119
	Selenium	4900	5000	98	90 - 110	P	06/11/2025	18:21	LB136119
	Silver	1220	1250	98	90 - 110	P	06/11/2025	18:21	LB136119
CCV05	Arsenic	4810	5000	96	90 - 110	P	06/11/2025	19:09	LB136119
	Barium	9920	10000	99	90 - 110	P	06/11/2025	19:09	LB136119
	Cadmium	2400	2500	96	90 - 110	P	06/11/2025	19:09	LB136119
	Chromium	950	1000	95	90 - 110	P	06/11/2025	19:09	LB136119
	Lead	4840	5000	97	90 - 110	P	06/11/2025	19:09	LB136119
	Selenium	4840	5000	97	90 - 110	P	06/11/2025	19:09	LB136119

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CCV05	Silver	1210	1250	97	90 - 110	P	06/11/2025	19:09	LB136119
CCV06	Arsenic	4810	5000	96	90 - 110	P	06/11/2025	20:06	LB136119
	Barium	9790	10000	98	90 - 110	P	06/11/2025	20:06	LB136119
	Cadmium	2450	2500	98	90 - 110	P	06/11/2025	20:06	LB136119
	Chromium	967	1000	97	90 - 110	P	06/11/2025	20:06	LB136119
	Lead	4930	5000	99	90 - 110	P	06/11/2025	20:06	LB136119
	Selenium	4810	5000	96	90 - 110	P	06/11/2025	20:06	LB136119
	Silver	1210	1250	97	90 - 110	P	06/11/2025	20:06	LB136119