

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Engineering of New York, Inc.

SDG No.: Q2592

Contract: PARS02

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
ICV31	Mercury	3.70	4.0	92	90 - 110	CV	07/17/2025	10:07	LB136516

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CCV18	Mercury	5.00	5.0	100	90 - 110	CV	07/17/2025	10:14	LB136516
CCV19	Mercury	5.17	5.0	103	90 - 110	CV	07/17/2025	11:03	LB136516
CCV20	Mercury	5.33	5.0	106	90 - 110	CV	07/17/2025	11:30	LB136516
CCV21	Mercury	5.21	5.0	104	90 - 110	CV	07/17/2025	11:53	LB136516

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Arsenic	3980	4000	100	90 - 110	P	07/17/2025	13:30	LB136533
	Barium	8280	8000	104	90 - 110	P	07/17/2025	13:30	LB136533
	Cadmium	1980	2000	99	90 - 110	P	07/17/2025	13:30	LB136533
	Chromium	865	800	108	90 - 110	P	07/17/2025	13:30	LB136533
	Lead	3890	4000	97	90 - 110	P	07/17/2025	13:30	LB136533
	Selenium	4020	4000	101	90 - 110	P	07/17/2025	13:30	LB136533
	Silver	1070	1000	107	90 - 110	P	07/17/2025	13:30	LB136533

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LLICV01	Arsenic	23.3	20.0	117	80 - 120	P	07/17/2025	13:37	LB136533
	Barium	104	100	104	80 - 120	P	07/17/2025	13:37	LB136533
	Cadmium	5.95	6.0	99	80 - 120	P	07/17/2025	13:37	LB136533
	Chromium	9.40	10.0	94	80 - 120	P	07/17/2025	13:37	LB136533
	Lead	9.70	12.0	81	80 - 120	P	07/17/2025	13:37	LB136533
	Selenium	19.4	20.0	97	80 - 120	P	07/17/2025	13:37	LB136533
	Silver	11.0	10.0	110	80 - 120	P	07/17/2025	13:37	LB136533

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Arsenic	5140	5000	103	90 - 110	P	07/17/2025	14:20	LB136533
	Barium	10400	10000	104	90 - 110	P	07/17/2025	14:20	LB136533
	Cadmium	2480	2500	99	90 - 110	P	07/17/2025	14:20	LB136533
	Chromium	948	1000	95	90 - 110	P	07/17/2025	14:20	LB136533
	Lead	4940	5000	99	90 - 110	P	07/17/2025	14:20	LB136533
	Selenium	5190	5000	104	90 - 110	P	07/17/2025	14:20	LB136533
	Silver	1270	1250	101	90 - 110	P	07/17/2025	14:20	LB136533
CCV02	Arsenic	5110	5000	102	90 - 110	P	07/17/2025	14:58	LB136533
	Barium	10600	10000	106	90 - 110	P	07/17/2025	14:58	LB136533
	Cadmium	2440	2500	98	90 - 110	P	07/17/2025	14:58	LB136533
	Chromium	947	1000	95	90 - 110	P	07/17/2025	14:58	LB136533
	Lead	4870	5000	97	90 - 110	P	07/17/2025	14:58	LB136533
	Selenium	5190	5000	104	90 - 110	P	07/17/2025	14:58	LB136533
	Silver	1290	1250	103	90 - 110	P	07/17/2025	14:58	LB136533
CCV03	Arsenic	5100	5000	102	90 - 110	P	07/17/2025	15:50	LB136533
	Barium	10500	10000	105	90 - 110	P	07/17/2025	15:50	LB136533
	Cadmium	2440	2500	98	90 - 110	P	07/17/2025	15:50	LB136533
	Chromium	940	1000	94	90 - 110	P	07/17/2025	15:50	LB136533
	Lead	4870	5000	98	90 - 110	P	07/17/2025	15:50	LB136533
	Selenium	5160	5000	103	90 - 110	P	07/17/2025	15:50	LB136533
	Silver	1270	1250	102	90 - 110	P	07/17/2025	15:50	LB136533
CCV04	Arsenic	5100	5000	102	90 - 110	P	07/17/2025	16:42	LB136533
	Barium	10400	10000	104	90 - 110	P	07/17/2025	16:42	LB136533
	Cadmium	2430	2500	97	90 - 110	P	07/17/2025	16:42	LB136533
	Chromium	923	1000	92	90 - 110	P	07/17/2025	16:42	LB136533
	Lead	4850	5000	97	90 - 110	P	07/17/2025	16:42	LB136533
	Selenium	5170	5000	103	90 - 110	P	07/17/2025	16:42	LB136533
	Silver	1250	1250	100	90 - 110	P	07/17/2025	16:42	LB136533
CCV05	Arsenic	5040	5000	101	90 - 110	P	07/17/2025	17:58	LB136533
	Barium	10700	10000	108	90 - 110	P	07/17/2025	17:58	LB136533
	Cadmium	2410	2500	96	90 - 110	P	07/17/2025	17:58	LB136533
	Chromium	933	1000	93	90 - 110	P	07/17/2025	17:58	LB136533
	Lead	4860	5000	97	90 - 110	P	07/17/2025	17:58	LB136533
	Selenium	5120	5000	102	90 - 110	P	07/17/2025	17:58	LB136533

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CCV05	Silver	1280	1250	102	90 - 110	P	07/17/2025	17:58	LB136533
CCV06	Arsenic	5060	5000	101	90 - 110	P	07/17/2025	19:24	LB136533
	Barium	10400	10000	104	90 - 110	P	07/17/2025	19:24	LB136533
	Cadmium	2430	2500	97	90 - 110	P	07/17/2025	19:24	LB136533
	Chromium	909	1000	91	90 - 110	P	07/17/2025	19:24	LB136533
	Lead	4870	5000	97	90 - 110	P	07/17/2025	19:24	LB136533
	Selenium	5120	5000	102	90 - 110	P	07/17/2025	19:24	LB136533
	Silver	1250	1250	100	90 - 110	P	07/17/2025	19:24	LB136533
CCV07	Arsenic	5000	5000	100	90 - 110	P	07/17/2025	20:16	LB136533
	Barium	10400	10000	104	90 - 110	P	07/17/2025	20:16	LB136533
	Cadmium	2410	2500	96	90 - 110	P	07/17/2025	20:16	LB136533
	Chromium	924	1000	92	90 - 110	P	07/17/2025	20:16	LB136533
	Lead	4830	5000	97	90 - 110	P	07/17/2025	20:16	LB136533
	Selenium	5040	5000	101	90 - 110	P	07/17/2025	20:16	LB136533
	Silver	1250	1250	100	90 - 110	P	07/17/2025	20:16	LB136533