

Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Main of New York, Inc. **SDG No.:** P5362

Contract: PARS02 **Lab Code:** CHEM **Case No.:** P5362 **SAS No.:** P5362

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
ICV38	Mercury	3.74	4.0	93	90 - 110	CV	12/30/2024	14:28	LB134125

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Contract: PARS02 **Lab Code:** CHEM **Case No.:** P5362 **SAS No.:** P5362
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
CCV88	Mercury	4.87	5.0	97	90 - 110	CV	12/30/2024	14:32	LB134125
CCV89	Mercury	4.87	5.0	97	90 - 110	CV	12/30/2024	15:05	LB134125
CCV90	Mercury	4.91	5.0	98	90 - 110	CV	12/30/2024	15:24	LB134125

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Contract: PARS02 **Lab Code:** CHEM **Case No.:** P5362 **SAS No.:** P5362

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	1030	1000	103	90 - 110	P	01/06/2025	13:00	lb134166
	Barium	480	520	92	90 - 110	P	01/06/2025	13:00	lb134166
	Cadmium	505	510	99	90 - 110	P	01/06/2025	13:00	lb134166
	Chromium	538	520	104	90 - 110	P	01/06/2025	13:00	lb134166
	Lead	1010	1000	101	90 - 110	P	01/06/2025	13:00	lb134166
	Selenium	1030	1000	103	90 - 110	P	01/06/2025	13:00	lb134166
	Silver	259	250	104	90 - 110	P	01/06/2025	13:00	lb134166

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Client: PARSONS Main of New York, Inc. **SDG No.:** P5362
Contract: PARS02 **Lab Code:** CHEM **Case No.:** P5362 **SAS No.:** P5362
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	Arsenic	22.5	20.0	113	80 - 120	P	01/06/2025	13:13	lb134166
	Barium	91.0	100	91	80 - 120	P	01/06/2025	13:13	lb134166
	Cadmium	5.96	6.0	99	80 - 120	P	01/06/2025	13:13	lb134166
	Chromium	9.72	10.0	97	80 - 120	P	01/06/2025	13:13	lb134166
	Lead	12.6	12.0	105	80 - 120	P	01/06/2025	13:13	lb134166
	Selenium	17.3	20.0	86	80 - 120	P	01/06/2025	13:13	lb134166
	Silver	9.89	10.0	99	80 - 120	P	01/06/2025	13:13	lb134166

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Contract: PARS02 **Lab Code:** CHEM **Case No.:** P5362 **SAS No.:** P5362

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	4940	5000	99	90 - 110	P	01/06/2025	13:43	lb134166
	Barium	9790	10000	98	90 - 110	P	01/06/2025	13:43	lb134166
	Cadmium	2470	2500	99	90 - 110	P	01/06/2025	13:43	lb134166
	Chromium	1010	1000	101	90 - 110	P	01/06/2025	13:43	lb134166
	Lead	4920	5000	98	90 - 110	P	01/06/2025	13:43	lb134166
	Selenium	4950	5000	99	90 - 110	P	01/06/2025	13:43	lb134166
	Silver	1240	1250	100	90 - 110	P	01/06/2025	13:43	lb134166
CCV02	Arsenic	4920	5000	98	90 - 110	P	01/06/2025	14:15	lb134166
	Barium	9680	10000	97	90 - 110	P	01/06/2025	14:15	lb134166
	Cadmium	2470	2500	99	90 - 110	P	01/06/2025	14:15	lb134166
	Chromium	1010	1000	101	90 - 110	P	01/06/2025	14:15	lb134166
	Lead	4920	5000	98	90 - 110	P	01/06/2025	14:15	lb134166
	Selenium	4930	5000	99	90 - 110	P	01/06/2025	14:15	lb134166
	Silver	1230	1250	98	90 - 110	P	01/06/2025	14:15	lb134166
CCV03	Arsenic	4850	5000	97	90 - 110	P	01/06/2025	15:06	lb134166
	Barium	9670	10000	97	90 - 110	P	01/06/2025	15:06	lb134166
	Cadmium	2480	2500	99	90 - 110	P	01/06/2025	15:06	lb134166
	Chromium	1040	1000	104	90 - 110	P	01/06/2025	15:06	lb134166
	Lead	4940	5000	99	90 - 110	P	01/06/2025	15:06	lb134166
	Selenium	4840	5000	97	90 - 110	P	01/06/2025	15:06	lb134166
	Silver	1260	1250	101	90 - 110	P	01/06/2025	15:06	lb134166
CCV04	Arsenic	4860	5000	97	90 - 110	P	01/06/2025	15:48	lb134166
	Barium	9490	10000	95	90 - 110	P	01/06/2025	15:48	lb134166
	Cadmium	2470	2500	99	90 - 110	P	01/06/2025	15:48	lb134166
	Chromium	1030	1000	103	90 - 110	P	01/06/2025	15:48	lb134166
	Lead	4910	5000	98	90 - 110	P	01/06/2025	15:48	lb134166
	Selenium	4850	5000	97	90 - 110	P	01/06/2025	15:48	lb134166
	Silver	1260	1250	101	90 - 110	P	01/06/2025	15:48	lb134166
CCV05	Arsenic	5040	5000	101	90 - 110	P	01/06/2025	16:24	lb134166
	Barium	9420	10000	94	90 - 110	P	01/06/2025	16:24	lb134166
	Cadmium	2580	2500	103	90 - 110	P	01/06/2025	16:24	lb134166
	Chromium	1050	1000	105	90 - 110	P	01/06/2025	16:24	lb134166
	Lead	5120	5000	102	90 - 110	P	01/06/2025	16:24	lb134166
	Selenium	5040	5000	101	90 - 110	P	01/06/2025	16:24	lb134166

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Client: PARSONS Main of New York, Inc. **SDG No.:** P5362
Contract: PARS02 **Lab Code:** CHEM **Case No.:** P5362 **SAS No.:** P5362
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	Silver	1280	1250	102	90 - 110	P	01/06/2025	16:24	1b134166

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Client: PARSONS Main of New York, Inc. **SDG No.:** P5362
Contract: PARS02 **Lab Code:** CHEM **Case No.:** P5362 **SAS No.:** P5362
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	1020	1000	102	90 - 110	P	12/30/2024	14:20	LB134129
	Barium	491	520	94	90 - 110	P	12/30/2024	14:20	LB134129
	Cadmium	511	510	100	90 - 110	P	12/30/2024	14:20	LB134129
	Chromium	536	520	103	90 - 110	P	12/30/2024	14:20	LB134129
	Lead	1010	1000	101	90 - 110	P	12/30/2024	14:20	LB134129
	Selenium	989	1000	99	90 - 110	P	12/30/2024	14:20	LB134129
	Silver	259	250	104	90 - 110	P	12/30/2024	14:20	LB134129

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Client: PARSONS Main of New York, Inc. SDG No.: P5362
Contract: PARS02 Lab Code: CHEM Case No.: P5362 SAS No.: P5362
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	Arsenic	20.7	20.0	104	80 - 120	P	12/30/2024	14:24	LB134129
	Barium	92.2	100	92	80 - 120	P	12/30/2024	14:24	LB134129
	Cadmium	6.21	6.0	104	80 - 120	P	12/30/2024	14:24	LB134129
	Chromium	9.47	10.0	95	80 - 120	P	12/30/2024	14:24	LB134129
	Lead	11.3	12.0	94	80 - 120	P	12/30/2024	14:24	LB134129
	Selenium	18.4	20.0	92	80 - 120	P	12/30/2024	14:24	LB134129
	Silver	10.2	10.0	102	80 - 120	P	12/30/2024	14:24	LB134129

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Contract: PARS02 **Lab Code:** CHEM **Case No.:** P5362 **SAS No.:** P5362

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	4640	5000	93	90 - 110	P	12/30/2024	14:49	LB134129
	Barium	9260	10000	93	90 - 110	P	12/30/2024	14:49	LB134129
	Cadmium	2370	2500	95	90 - 110	P	12/30/2024	14:49	LB134129
	Chromium	972	1000	97	90 - 110	P	12/30/2024	14:49	LB134129
	Lead	4730	5000	95	90 - 110	P	12/30/2024	14:49	LB134129
	Selenium	4610	5000	92	90 - 110	P	12/30/2024	14:49	LB134129
	Silver	1200	1250	96	90 - 110	P	12/30/2024	14:49	LB134129
CCV02	Arsenic	4750	5000	95	90 - 110	P	12/30/2024	15:19	LB134129
	Barium	9410	10000	94	90 - 110	P	12/30/2024	15:19	LB134129
	Cadmium	2440	2500	98	90 - 110	P	12/30/2024	15:19	LB134129
	Chromium	1000	1000	100	90 - 110	P	12/30/2024	15:19	LB134129
	Lead	4860	5000	97	90 - 110	P	12/30/2024	15:19	LB134129
	Selenium	4750	5000	95	90 - 110	P	12/30/2024	15:19	LB134129
	Silver	1240	1250	99	90 - 110	P	12/30/2024	15:19	LB134129
CCV03	Arsenic	4850	5000	97	90 - 110	P	12/30/2024	16:12	LB134129
	Barium	9200	10000	92	90 - 110	P	12/30/2024	16:12	LB134129
	Cadmium	2460	2500	98	90 - 110	P	12/30/2024	16:12	LB134129
	Chromium	980	1000	98	90 - 110	P	12/30/2024	16:12	LB134129
	Lead	4830	5000	97	90 - 110	P	12/30/2024	16:12	LB134129
	Selenium	4960	5000	99	90 - 110	P	12/30/2024	16:12	LB134129
	Silver	1200	1250	96	90 - 110	P	12/30/2024	16:12	LB134129
CCV04	Arsenic	4780	5000	96	90 - 110	P	12/30/2024	17:04	LB134129
	Barium	9090	10000	91	90 - 110	P	12/30/2024	17:04	LB134129
	Cadmium	2520	2500	101	90 - 110	P	12/30/2024	17:04	LB134129
	Chromium	1000	1000	100	90 - 110	P	12/30/2024	17:04	LB134129
	Lead	4900	5000	98	90 - 110	P	12/30/2024	17:04	LB134129
	Selenium	4930	5000	98	90 - 110	P	12/30/2024	17:04	LB134129
	Silver	1220	1250	97	90 - 110	P	12/30/2024	17:04	LB134129
CCV05	Arsenic	4790	5000	96	90 - 110	P	12/30/2024	17:54	LB134129
	Barium	9080	10000	91	90 - 110	P	12/30/2024	17:54	LB134129
	Cadmium	2520	2500	101	90 - 110	P	12/30/2024	17:54	LB134129
	Chromium	999	1000	100	90 - 110	P	12/30/2024	17:54	LB134129
	Lead	4900	5000	98	90 - 110	P	12/30/2024	17:54	LB134129
	Selenium	4950	5000	99	90 - 110	P	12/30/2024	17:54	LB134129

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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	Silver	1220	1250	98	90 - 110	P	12/30/2024	17:54	LB134129
CCV06	Arsenic	4710	5000	94	90 - 110	P	12/30/2024	18:44	LB134129
	Barium	9140	10000	91	90 - 110	P	12/30/2024	18:44	LB134129
	Cadmium	2490	2500	100	90 - 110	P	12/30/2024	18:44	LB134129
	Chromium	996	1000	100	90 - 110	P	12/30/2024	18:44	LB134129
	Lead	4840	5000	97	90 - 110	P	12/30/2024	18:44	LB134129
	Selenium	4910	5000	98	90 - 110	P	12/30/2024	18:44	LB134129
	Silver	1220	1250	98	90 - 110	P	12/30/2024	18:44	LB134129
CCV07	Arsenic	4710	5000	94	90 - 110	P	12/30/2024	19:24	LB134129
	Barium	9770	10000	98	90 - 110	P	12/30/2024	19:24	LB134129
	Cadmium	2530	2500	101	90 - 110	P	12/30/2024	19:24	LB134129
	Chromium	1000	1000	100	90 - 110	P	12/30/2024	19:24	LB134129
	Lead	4870	5000	97	90 - 110	P	12/30/2024	19:24	LB134129
	Selenium	4970	5000	99	90 - 110	P	12/30/2024	19:24	LB134129
	Silver	1220	1250	97	90 - 110	P	12/30/2024	19:24	LB134129