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Metals

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: PARSONS Main of New York, Inc. **SDG No.:** P5291
Contract: PARS02 **Lab Code:** CHEM **Case No.:** P5291 **SAS No.:** P5291
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
ICV25	Mercury	3.84	4.0	96	90 - 110	CV	12/19/2024	11:58	LB134010

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Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV46	Mercury	4.72	5.0	94	90 - 110	CV	12/19/2024	12:03	LB134010
CCV47	Mercury	5.07	5.0	102	90 - 110	CV	12/19/2024	12:58	LB134010
CCV48	Mercury	4.90	5.0	98	90 - 110	CV	12/19/2024	13:36	LB134010
CCV49	Mercury	4.76	5.0	95	90 - 110	CV	12/19/2024	14:00	LB134010
CCV50	Mercury	4.80	5.0	96	90 - 110	CV	12/19/2024	14:28	LB134010

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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	1020	1000	102	95 - 105	P	12/20/2024	16:07	LB134054
	Barium	471	520	91	95 - 105	P	12/20/2024	16:07	LB134054
	Cadmium	502	510	98	95 - 105	P	12/20/2024	16:07	LB134054
	Chromium	534	520	103	95 - 105	P	12/20/2024	16:07	LB134054
	Lead	1000	1000	100	95 - 105	P	12/20/2024	16:07	LB134054
	Selenium	1020	1000	102	95 - 105	P	12/20/2024	16:07	LB134054
	Silver	251	250	100	95 - 105	P	12/20/2024	16:07	LB134054

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LLICV01	Arsenic	19.0	20.0	95	80 - 120	P	12/20/2024	16:11	LB134054
	Barium	87.9	100	88	80 - 120	P	12/20/2024	16:11	LB134054
	Cadmium	5.80	6.0	97	80 - 120	P	12/20/2024	16:11	LB134054
	Chromium	9.98	10.0	100	80 - 120	P	12/20/2024	16:11	LB134054
	Lead	12.1	12.0	101	80 - 120	P	12/20/2024	16:11	LB134054
	Selenium	19.7	20.0	98	80 - 120	P	12/20/2024	16:11	LB134054
	Silver	10.3	10.0	103	80 - 120	P	12/20/2024	16:11	LB134054

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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	4800	5000	96	90 - 110	P	12/20/2024	16:47	LB134054
	Barium	9130	10000	91	90 - 110	P	12/20/2024	16:47	LB134054
	Cadmium	2420	2500	97	90 - 110	P	12/20/2024	16:47	LB134054
	Chromium	1000	1000	100	90 - 110	P	12/20/2024	16:47	LB134054
	Lead	4830	5000	96	90 - 110	P	12/20/2024	16:47	LB134054
	Selenium	4790	5000	96	90 - 110	P	12/20/2024	16:47	LB134054
	Silver	1220	1250	98	90 - 110	P	12/20/2024	16:47	LB134054
CCV02	Arsenic	5010	5000	100	90 - 110	P	12/20/2024	17:29	LB134054
	Barium	9240	10000	92	90 - 110	P	12/20/2024	17:29	LB134054
	Cadmium	2490	2500	100	90 - 110	P	12/20/2024	17:29	LB134054
	Chromium	1020	1000	102	90 - 110	P	12/20/2024	17:29	LB134054
	Lead	4970	5000	99	90 - 110	P	12/20/2024	17:29	LB134054
	Selenium	5020	5000	100	90 - 110	P	12/20/2024	17:29	LB134054
	Silver	1250	1250	100	90 - 110	P	12/20/2024	17:29	LB134054
CCV03	Arsenic	4960	5000	99	90 - 110	P	12/20/2024	18:12	LB134054
	Barium	9430	10000	94	90 - 110	P	12/20/2024	18:12	LB134054
	Cadmium	2480	2500	99	90 - 110	P	12/20/2024	18:12	LB134054
	Chromium	1020	1000	102	90 - 110	P	12/20/2024	18:12	LB134054
	Lead	4950	5000	99	90 - 110	P	12/20/2024	18:12	LB134054
	Selenium	4960	5000	99	90 - 110	P	12/20/2024	18:12	LB134054
	Silver	1250	1250	100	90 - 110	P	12/20/2024	18:12	LB134054
CCV04	Arsenic	4910	5000	98	90 - 110	P	12/20/2024	19:02	LB134054
	Barium	9150	10000	92	90 - 110	P	12/20/2024	19:02	LB134054
	Cadmium	2440	2500	98	90 - 110	P	12/20/2024	19:02	LB134054
	Chromium	1010	1000	101	90 - 110	P	12/20/2024	19:02	LB134054
	Lead	4890	5000	98	90 - 110	P	12/20/2024	19:02	LB134054
	Selenium	4920	5000	98	90 - 110	P	12/20/2024	19:02	LB134054
	Silver	1240	1250	99	90 - 110	P	12/20/2024	19:02	LB134054
CCV05	Arsenic	5060	5000	101	90 - 110	P	12/20/2024	19:57	LB134054
	Barium	9370	10000	94	90 - 110	P	12/20/2024	19:57	LB134054
	Cadmium	2510	2500	100	90 - 110	P	12/20/2024	19:57	LB134054
	Chromium	1030	1000	103	90 - 110	P	12/20/2024	19:57	LB134054
	Lead	5020	5000	100	90 - 110	P	12/20/2024	19:57	LB134054
	Selenium	5070	5000	102	90 - 110	P	12/20/2024	19:57	LB134054

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CCV05	Silver	1260	1250	101	90 - 110	P	12/20/2024	19:57	LB134054
CCV06	Arsenic	4830	5000	96	90 - 110	P	12/20/2024	20:47	LB134054
	Barium	9020	10000	90	90 - 110	P	12/20/2024	20:47	LB134054
	Cadmium	2410	2500	96	90 - 110	P	12/20/2024	20:47	LB134054
	Chromium	995	1000	100	90 - 110	P	12/20/2024	20:47	LB134054
	Lead	4800	5000	96	90 - 110	P	12/20/2024	20:47	LB134054
	Selenium	4830	5000	97	90 - 110	P	12/20/2024	20:47	LB134054
	Silver	1210	1250	97	90 - 110	P	12/20/2024	20:47	LB134054
CCV07	Arsenic	4880	5000	98	90 - 110	P	12/20/2024	21:37	LB134054
	Barium	9110	10000	91	90 - 110	P	12/20/2024	21:37	LB134054
	Cadmium	2430	2500	97	90 - 110	P	12/20/2024	21:37	LB134054
	Chromium	1010	1000	101	90 - 110	P	12/20/2024	21:37	LB134054
	Lead	4860	5000	97	90 - 110	P	12/20/2024	21:37	LB134054
	Selenium	4890	5000	98	90 - 110	P	12/20/2024	21:37	LB134054
	Silver	1230	1250	99	90 - 110	P	12/20/2024	21:37	LB134054
CCV08	Arsenic	5020	5000	100	90 - 110	P	12/20/2024	23:01	LB134054
	Barium	9290	10000	93	90 - 110	P	12/20/2024	23:01	LB134054
	Cadmium	2480	2500	99	90 - 110	P	12/20/2024	23:01	LB134054
	Chromium	1020	1000	102	90 - 110	P	12/20/2024	23:01	LB134054
	Lead	4960	5000	99	90 - 110	P	12/20/2024	23:01	LB134054
	Selenium	5050	5000	101	90 - 110	P	12/20/2024	23:01	LB134054
	Silver	1250	1250	100	90 - 110	P	12/20/2024	23:01	LB134054
CCV09	Arsenic	4940	5000	99	90 - 110	P	12/20/2024	23:55	LB134054
	Barium	9220	10000	92	90 - 110	P	12/20/2024	23:55	LB134054
	Cadmium	2450	2500	98	90 - 110	P	12/20/2024	23:55	LB134054
	Chromium	1020	1000	102	90 - 110	P	12/20/2024	23:55	LB134054
	Lead	4900	5000	98	90 - 110	P	12/20/2024	23:55	LB134054
	Selenium	4950	5000	99	90 - 110	P	12/20/2024	23:55	LB134054
	Silver	1240	1250	99	90 - 110	P	12/20/2024	23:55	LB134054