



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Metals

- 2a -

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
ICV28	Mercury	4.01	4.0	100	90 - 110	CV	12/20/2024	14:13	LB134050

Metals

- 2a -

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
CCV57	Mercury	5.05	5.0	101	90 - 110	CV	12/20/2024	14:17	LB134050
CCV58	Mercury	4.92	5.0	98	90 - 110	CV	12/20/2024	14:43	LB134050
CCV59	Mercury	4.90	5.0	98	90 - 110	CV	12/20/2024	15:01	LB134050

Metals

- 2a -

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: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
ICV01	Aluminum	2460	2500	98	90 - 110	P	12/30/2024	14:20	LB134129
	Antimony	971	1000	97	90 - 110	P	12/30/2024	14:20	LB134129
	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
	Beryllium	488	510	96	90 - 110	P	12/30/2024	14:20	LB134129
	Cadmium	511	510	100	90 - 110	P	12/30/2024	14:20	LB134129
	Calcium	9600	10000	96	90 - 110	P	12/30/2024	14:20	LB134129
	Chromium	536	520	103	90 - 110	P	12/30/2024	14:20	LB134129
	Cobalt	517	520	99	90 - 110	P	12/30/2024	14:20	LB134129
	Copper	517	510	102	90 - 110	P	12/30/2024	14:20	LB134129
	Iron	10300	10000	103	90 - 110	P	12/30/2024	14:20	LB134129
	Lead	1010	1000	101	90 - 110	P	12/30/2024	14:20	LB134129
	Magnesium	5600	6000	93	90 - 110	P	12/30/2024	14:20	LB134129
	Manganese	501	520	96	90 - 110	P	12/30/2024	14:20	LB134129
	Nickel	519	530	98	90 - 110	P	12/30/2024	14:20	LB134129
	Potassium	9990	9900	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
	Sodium	9950	10000	100	90 - 110	P	12/30/2024	14:20	LB134129
	Thallium	1020	1000	102	90 - 110	P	12/30/2024	14:20	LB134129
	Vanadium	478	500	96	90 - 110	P	12/30/2024	14:20	LB134129
	Zinc	1040	1000	104	90 - 110	P	12/30/2024	14:20	LB134129

Metals

- 2a -

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: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
LLICV01	Aluminum	105	100	105	80 - 120	P	12/30/2024	14:24	LB134129
	Antimony	48.7	50.0	97	80 - 120	P	12/30/2024	14:24	LB134129
	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
	Beryllium	5.77	6.0	96	80 - 120	P	12/30/2024	14:24	LB134129
	Cadmium	6.21	6.0	104	80 - 120	P	12/30/2024	14:24	LB134129
	Calcium	1900	2000	95	80 - 120	P	12/30/2024	14:24	LB134129
	Chromium	9.47	10.0	95	80 - 120	P	12/30/2024	14:24	LB134129
	Cobalt	29.8	30.0	99	80 - 120	P	12/30/2024	14:24	LB134129
	Copper	21.6	20.0	108	80 - 120	P	12/30/2024	14:24	LB134129
	Iron	90.5	100	90	80 - 120	P	12/30/2024	14:24	LB134129
	Lead	11.3	12.0	94	80 - 120	P	12/30/2024	14:24	LB134129
	Magnesium	1990	2000	100	80 - 120	P	12/30/2024	14:24	LB134129
	Manganese	19.5	20.0	98	80 - 120	P	12/30/2024	14:24	LB134129
	Nickel	40.1	40.0	100	80 - 120	P	12/30/2024	14:24	LB134129
	Potassium	1890	2000	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
	Sodium	1880	2000	94	80 - 120	P	12/30/2024	14:24	LB134129
	Thallium	38.3	40.0	96	80 - 120	P	12/30/2024	14:24	LB134129
	Vanadium	38.4	40.0	96	80 - 120	P	12/30/2024	14:24	LB134129
	Zinc	42.2	40.0	105	80 - 120	P	12/30/2024	14:24	LB134129

Metals

- 2a -

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: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV01	Aluminum	9360	10000	94	90 - 110	P	12/30/2024	14:49	LB134129
	Antimony	4670	5000	94	90 - 110	P	12/30/2024	14:49	LB134129
	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
	Beryllium	244	250	98	90 - 110	P	12/30/2024	14:49	LB134129
	Cadmium	2370	2500	95	90 - 110	P	12/30/2024	14:49	LB134129
	Calcium	23500	25000	94	90 - 110	P	12/30/2024	14:49	LB134129
	Chromium	972	1000	97	90 - 110	P	12/30/2024	14:49	LB134129
	Cobalt	2360	2500	95	90 - 110	P	12/30/2024	14:49	LB134129
	Copper	1180	1250	94	90 - 110	P	12/30/2024	14:49	LB134129
	Iron	4690	5000	94	90 - 110	P	12/30/2024	14:49	LB134129
	Lead	4730	5000	95	90 - 110	P	12/30/2024	14:49	LB134129
	Magnesium	23600	25000	94	90 - 110	P	12/30/2024	14:49	LB134129
	Manganese	2360	2500	94	90 - 110	P	12/30/2024	14:49	LB134129
	Nickel	2370	2500	95	90 - 110	P	12/30/2024	14:49	LB134129
	Potassium	23100	25000	92	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
	Sodium	23000	25000	92	90 - 110	P	12/30/2024	14:49	LB134129
	Thallium	4530	5000	91	90 - 110	P	12/30/2024	14:49	LB134129
CCV02	Vanadium	2350	2500	94	90 - 110	P	12/30/2024	14:49	LB134129
	Zinc	2400	2500	96	90 - 110	P	12/30/2024	14:49	LB134129
	Aluminum	9460	10000	95	90 - 110	P	12/30/2024	15:19	LB134129
	Antimony	4790	5000	96	90 - 110	P	12/30/2024	15:19	LB134129
	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
	Beryllium	247	250	99	90 - 110	P	12/30/2024	15:19	LB134129
	Cadmium	2440	2500	98	90 - 110	P	12/30/2024	15:19	LB134129
	Calcium	24100	25000	96	90 - 110	P	12/30/2024	15:19	LB134129
	Chromium	1000	1000	100	90 - 110	P	12/30/2024	15:19	LB134129
	Cobalt	2420	2500	97	90 - 110	P	12/30/2024	15:19	LB134129
	Copper	1200	1250	96	90 - 110	P	12/30/2024	15:19	LB134129
	Iron	4960	5000	99	90 - 110	P	12/30/2024	15:19	LB134129
	Lead	4860	5000	97	90 - 110	P	12/30/2024	15:19	LB134129

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- 2a -

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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
CCV02	Magnesium	24300	25000	97	90 - 110	P	12/30/2024	15:19	LB134129
	Manganese	2390	2500	96	90 - 110	P	12/30/2024	15:19	LB134129
	Nickel	2430	2500	97	90 - 110	P	12/30/2024	15:19	LB134129
	Potassium	24300	25000	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
	Sodium	24200	25000	97	90 - 110	P	12/30/2024	15:19	LB134129
	Thallium	4930	5000	99	90 - 110	P	12/30/2024	15:19	LB134129
	Vanadium	2400	2500	96	90 - 110	P	12/30/2024	15:19	LB134129
	Zinc	2460	2500	98	90 - 110	P	12/30/2024	15:19	LB134129
CCV03	Aluminum	9260	10000	93	90 - 110	P	12/30/2024	16:12	LB134129
	Antimony	4910	5000	98	90 - 110	P	12/30/2024	16:12	LB134129
	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
	Beryllium	242	250	97	90 - 110	P	12/30/2024	16:12	LB134129
	Cadmium	2460	2500	98	90 - 110	P	12/30/2024	16:12	LB134129
	Calcium	23700	25000	95	90 - 110	P	12/30/2024	16:12	LB134129
	Chromium	980	1000	98	90 - 110	P	12/30/2024	16:12	LB134129
	Cobalt	2410	2500	96	90 - 110	P	12/30/2024	16:12	LB134129
	Copper	1210	1250	97	90 - 110	P	12/30/2024	16:12	LB134129
	Iron	4740	5000	95	90 - 110	P	12/30/2024	16:12	LB134129
	Lead	4830	5000	97	90 - 110	P	12/30/2024	16:12	LB134129
	Magnesium	24100	25000	96	90 - 110	P	12/30/2024	16:12	LB134129
	Manganese	2330	2500	93	90 - 110	P	12/30/2024	16:12	LB134129
	Nickel	2420	2500	97	90 - 110	P	12/30/2024	16:12	LB134129
	Potassium	23300	25000	93	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
	Sodium	23100	25000	92	90 - 110	P	12/30/2024	16:12	LB134129
	Thallium	4810	5000	96	90 - 110	P	12/30/2024	16:12	LB134129
	Vanadium	2350	2500	94	90 - 110	P	12/30/2024	16:12	LB134129
	Zinc	2370	2500	95	90 - 110	P	12/30/2024	16:12	LB134129
CCV04	Aluminum	9370	10000	94	90 - 110	P	12/30/2024	17:04	LB134129
	Antimony	4880	5000	98	90 - 110	P	12/30/2024	17:04	LB134129

Metals

- 2a -

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: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
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
	Beryllium	257	250	103	90 - 110	P	12/30/2024	17:04	LB134129
	Cadmium	2520	2500	101	90 - 110	P	12/30/2024	17:04	LB134129
	Calcium	24500	25000	98	90 - 110	P	12/30/2024	17:04	LB134129
	Chromium	1000	1000	100	90 - 110	P	12/30/2024	17:04	LB134129
	Cobalt	2440	2500	98	90 - 110	P	12/30/2024	17:04	LB134129
	Copper	1190	1250	95	90 - 110	P	12/30/2024	17:04	LB134129
	Iron	4750	5000	95	90 - 110	P	12/30/2024	17:04	LB134129
	Lead	4900	5000	98	90 - 110	P	12/30/2024	17:04	LB134129
	Magnesium	25700	25000	103	90 - 110	P	12/30/2024	17:04	LB134129
	Manganese	2350	2500	94	90 - 110	P	12/30/2024	17:04	LB134129
	Nickel	2450	2500	98	90 - 110	P	12/30/2024	17:04	LB134129
	Potassium	22900	25000	92	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
	Sodium	22800	25000	91	90 - 110	P	12/30/2024	17:04	LB134129
	Thallium	4840	5000	97	90 - 110	P	12/30/2024	17:04	LB134129
	Vanadium	2390	2500	96	90 - 110	P	12/30/2024	17:04	LB134129
	Zinc	2400	2500	96	90 - 110	P	12/30/2024	17:04	LB134129
CCV05	Aluminum	9420	10000	94	90 - 110	P	12/30/2024	17:54	LB134129
	Antimony	4930	5000	99	90 - 110	P	12/30/2024	17:54	LB134129
	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
	Beryllium	257	250	103	90 - 110	P	12/30/2024	17:54	LB134129
	Cadmium	2520	2500	101	90 - 110	P	12/30/2024	17:54	LB134129
	Calcium	24400	25000	98	90 - 110	P	12/30/2024	17:54	LB134129
	Chromium	999	1000	100	90 - 110	P	12/30/2024	17:54	LB134129
	Cobalt	2430	2500	97	90 - 110	P	12/30/2024	17:54	LB134129
	Copper	1200	1250	96	90 - 110	P	12/30/2024	17:54	LB134129
	Iron	4740	5000	95	90 - 110	P	12/30/2024	17:54	LB134129
	Lead	4900	5000	98	90 - 110	P	12/30/2024	17:54	LB134129
	Magnesium	25700	25000	103	90 - 110	P	12/30/2024	17:54	LB134129
	Manganese	2360	2500	94	90 - 110	P	12/30/2024	17:54	LB134129

Metals

- 2a -

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: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV05	Nickel	2440	2500	98	90 - 110	P	12/30/2024	17:54	LB134129
	Potassium	23000	25000	92	90 - 110	P	12/30/2024	17:54	LB134129
	Selenium	4950	5000	99	90 - 110	P	12/30/2024	17:54	LB134129
	Silver	1220	1250	98	90 - 110	P	12/30/2024	17:54	LB134129
	Sodium	22900	25000	92	90 - 110	P	12/30/2024	17:54	LB134129
	Thallium	4800	5000	96	90 - 110	P	12/30/2024	17:54	LB134129
	Vanadium	2390	2500	96	90 - 110	P	12/30/2024	17:54	LB134129
	Zinc	2410	2500	96	90 - 110	P	12/30/2024	17:54	LB134129
CCV06	Aluminum	9560	10000	96	90 - 110	P	12/30/2024	18:44	LB134129
	Antimony	4900	5000	98	90 - 110	P	12/30/2024	18:44	LB134129
	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
	Beryllium	263	250	105	90 - 110	P	12/30/2024	18:44	LB134129
	Cadmium	2490	2500	100	90 - 110	P	12/30/2024	18:44	LB134129
	Calcium	24700	25000	99	90 - 110	P	12/30/2024	18:44	LB134129
	Chromium	996	1000	100	90 - 110	P	12/30/2024	18:44	LB134129
	Cobalt	2410	2500	96	90 - 110	P	12/30/2024	18:44	LB134129
	Copper	1180	1250	94	90 - 110	P	12/30/2024	18:44	LB134129
	Iron	4670	5000	93	90 - 110	P	12/30/2024	18:44	LB134129
	Lead	4840	5000	97	90 - 110	P	12/30/2024	18:44	LB134129
	Magnesium	26100	25000	104	90 - 110	P	12/30/2024	18:44	LB134129
	Manganese	2380	2500	95	90 - 110	P	12/30/2024	18:44	LB134129
	Nickel	2410	2500	96	90 - 110	P	12/30/2024	18:44	LB134129
	Potassium	22800	25000	91	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
	Sodium	22700	25000	91	90 - 110	P	12/30/2024	18:44	LB134129
	Thallium	4790	5000	96	90 - 110	P	12/30/2024	18:44	LB134129
	Vanadium	2410	2500	96	90 - 110	P	12/30/2024	18:44	LB134129
	Zinc	2400	2500	96	90 - 110	P	12/30/2024	18:44	LB134129
CCV07	Aluminum	9400	10000	94	90 - 110	P	12/30/2024	19:24	LB134129
	Antimony	4920	5000	98	90 - 110	P	12/30/2024	19:24	LB134129
	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

Metals

- 2a -

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: Inorganic Ventures

Sample ID	Analyte	Result ug/L	True Value	% Recovery	Acceptance Window (%R)	M	Analysis Date	Analysis Time	Run Number
CCV07	Beryllium	271	250	108	90 - 110	P	12/30/2024	19:24	LB134129
	Cadmium	2530	2500	101	90 - 110	P	12/30/2024	19:24	LB134129
	Calcium	25000	25000	100	90 - 110	P	12/30/2024	19:24	LB134129
	Chromium	1000	1000	100	90 - 110	P	12/30/2024	19:24	LB134129
	Cobalt	2420	2500	97	90 - 110	P	12/30/2024	19:24	LB134129
	Copper	1180	1250	94	90 - 110	P	12/30/2024	19:24	LB134129
	Iron	4610	5000	92	90 - 110	P	12/30/2024	19:24	LB134129
	Lead	4870	5000	97	90 - 110	P	12/30/2024	19:24	LB134129
	Magnesium	26900	25000	108	90 - 110	P	12/30/2024	19:24	LB134129
	Manganese	2380	2500	95	90 - 110	P	12/30/2024	19:24	LB134129
	Nickel	2420	2500	97	90 - 110	P	12/30/2024	19:24	LB134129
	Potassium	26000	25000	104	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
	Sodium	26400	25000	106	90 - 110	P	12/30/2024	19:24	LB134129
	Thallium	4740	5000	95	90 - 110	P	12/30/2024	19:24	LB134129
	Vanadium	2400	2500	96	90 - 110	P	12/30/2024	19:24	LB134129
	Zinc	2370	2500	95	90 - 110	P	12/30/2024	19:24	LB134129