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

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RSB Environmental **SDG No.:** Q1381

Contract: RSBE01 **Lab Code:** CHEM **Case No.:** Q1381 **SAS No.:** Q1381

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
ICV11	Mercury	3.89	4.0	97	90 - 110	CV	02/20/2025	12:23	LB134760

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RSB Environmental **SDG No.:** Q1381

Contract: RSBE01 **Lab Code:** CHEM **Case No.:** Q1381 **SAS No.:** Q1381

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
CCV91	Mercury	5.21	5.0	104	90 - 110	CV	02/20/2025	12:30	LB134760
CCV92	Mercury	5.12	5.0	102	90 - 110	CV	02/20/2025	13:12	LB134760
CCV93	Mercury	4.81	5.0	96	90 - 110	CV	02/20/2025	13:42	LB134760
CCV94	Mercury	4.98	5.0	100	90 - 110	CV	02/20/2025	14:06	LB134760

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RSB Environmental **SDG No.:** Q1381

Contract: RSBE01 **Lab Code:** CHEM **Case No.:** Q1381 **SAS No.:** Q1381

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	2500	2500	100	90 - 110	P	03/04/2025	10:07	LB134892
	Arsenic	1030	1000	103	90 - 110	P	03/04/2025	10:07	LB134892
	Barium	484	520	93	90 - 110	P	03/04/2025	10:07	LB134892
	Cadmium	501	510	98	90 - 110	P	03/04/2025	10:07	LB134892
	Chromium	521	520	100	90 - 110	P	03/04/2025	10:07	LB134892
	Copper	523	510	103	90 - 110	P	03/04/2025	10:07	LB134892
	Iron	9620	10000	96	90 - 110	P	03/04/2025	10:07	LB134892
	Lead	1010	1000	101	90 - 110	P	03/04/2025	10:07	LB134892
	Manganese	500	520	96	90 - 110	P	03/04/2025	10:07	LB134892
	Nickel	511	530	96	90 - 110	P	03/04/2025	10:07	LB134892
	Selenium	1030	1000	103	90 - 110	P	03/04/2025	10:07	LB134892
	Silver	252	250	101	90 - 110	P	03/04/2025	10:07	LB134892
	Zinc	1020	1000	102	90 - 110	P	03/04/2025	10:07	LB134892

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RSB Environmental **SDG No.:** Q1381

Contract: RSBE01 **Lab Code:** CHEM **Case No.:** Q1381 **SAS No.:** Q1381

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	104	100	104	80 - 120	P	03/04/2025	10:13	LB134892
	Arsenic	19.6	20.0	98	80 - 120	P	03/04/2025	10:13	LB134892
	Barium	93.1	100	93	80 - 120	P	03/04/2025	10:13	LB134892
	Cadmium	5.93	6.0	99	80 - 120	P	03/04/2025	10:13	LB134892
	Chromium	10.0	10.0	100	80 - 120	P	03/04/2025	10:13	LB134892
	Copper	22.5	20.0	112	80 - 120	P	03/04/2025	10:13	LB134892
	Iron	101	100	101	80 - 120	P	03/04/2025	10:13	LB134892
	Lead	11.9	12.0	99	80 - 120	P	03/04/2025	10:13	LB134892
	Manganese	20.9	20.0	104	80 - 120	P	03/04/2025	10:13	LB134892
	Nickel	39.1	40.0	98	80 - 120	P	03/04/2025	10:13	LB134892
	Selenium	17.7	20.0	89	80 - 120	P	03/04/2025	10:13	LB134892
	Silver	10.4	10.0	104	80 - 120	P	03/04/2025	10:13	LB134892
	Zinc	42.4	40.0	106	80 - 120	P	03/04/2025	10:13	LB134892

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RSB Environmental **SDG No.:** Q1381

Contract: RSBE01 **Lab Code:** CHEM **Case No.:** Q1381 **SAS No.:** Q1381

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	10200	10000	102	90 - 110	P	03/04/2025	10:43	LB134892
	Arsenic	5150	5000	103	90 - 110	P	03/04/2025	10:43	LB134892
	Barium	9920	10000	99	90 - 110	P	03/04/2025	10:43	LB134892
	Cadmium	2540	2500	102	90 - 110	P	03/04/2025	10:43	LB134892
	Chromium	1040	1000	104	90 - 110	P	03/04/2025	10:43	LB134892
	Copper	1290	1250	103	90 - 110	P	03/04/2025	10:43	LB134892
	Iron	5110	5000	102	90 - 110	P	03/04/2025	10:43	LB134892
	Lead	5100	5000	102	90 - 110	P	03/04/2025	10:43	LB134892
	Manganese	2430	2500	97	90 - 110	P	03/04/2025	10:43	LB134892
	Nickel	2550	2500	102	90 - 110	P	03/04/2025	10:43	LB134892
	Selenium	5180	5000	104	90 - 110	P	03/04/2025	10:43	LB134892
	Silver	1280	1250	103	90 - 110	P	03/04/2025	10:43	LB134892
	Zinc	2610	2500	104	90 - 110	P	03/04/2025	10:43	LB134892
CCV02	Aluminum	9880	10000	99	90 - 110	P	03/04/2025	11:34	LB134892
	Arsenic	4960	5000	99	90 - 110	P	03/04/2025	11:34	LB134892
	Barium	9590	10000	96	90 - 110	P	03/04/2025	11:34	LB134892
	Cadmium	2450	2500	98	90 - 110	P	03/04/2025	11:34	LB134892
	Chromium	1010	1000	101	90 - 110	P	03/04/2025	11:34	LB134892
	Copper	1260	1250	101	90 - 110	P	03/04/2025	11:34	LB134892
	Iron	4840	5000	97	90 - 110	P	03/04/2025	11:34	LB134892
	Lead	4910	5000	98	90 - 110	P	03/04/2025	11:34	LB134892
	Manganese	2340	2500	94	90 - 110	P	03/04/2025	11:34	LB134892
	Nickel	2450	2500	98	90 - 110	P	03/04/2025	11:34	LB134892
	Selenium	4990	5000	100	90 - 110	P	03/04/2025	11:34	LB134892
	Silver	1240	1250	99	90 - 110	P	03/04/2025	11:34	LB134892
	Zinc	2520	2500	101	90 - 110	P	03/04/2025	11:34	LB134892
CCV03	Aluminum	9840	10000	98	90 - 110	P	03/04/2025	12:26	LB134892
	Arsenic	4980	5000	100	90 - 110	P	03/04/2025	12:26	LB134892
	Barium	9750	10000	98	90 - 110	P	03/04/2025	12:26	LB134892
	Cadmium	2470	2500	99	90 - 110	P	03/04/2025	12:26	LB134892
	Chromium	1010	1000	101	90 - 110	P	03/04/2025	12:26	LB134892
	Copper	1270	1250	101	90 - 110	P	03/04/2025	12:26	LB134892
	Iron	5010	5000	100	90 - 110	P	03/04/2025	12:26	LB134892
	Lead	4940	5000	99	90 - 110	P	03/04/2025	12:26	LB134892

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RSB Environmental **SDG No.:** Q1381

Contract: RSBE01 **Lab Code:** CHEM **Case No.:** Q1381 **SAS No.:** Q1381

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
CCV03	Manganese	2400	2500	96	90 - 110	P	03/04/2025	12:26	LB134892
	Nickel	2470	2500	99	90 - 110	P	03/04/2025	12:26	LB134892
	Selenium	5010	5000	100	90 - 110	P	03/04/2025	12:26	LB134892
	Silver	1250	1250	100	90 - 110	P	03/04/2025	12:26	LB134892
	Zinc	2530	2500	101	90 - 110	P	03/04/2025	12:26	LB134892
CCV04	Aluminum	9650	10000	96	90 - 110	P	03/04/2025	13:27	LB134892
	Arsenic	4840	5000	97	90 - 110	P	03/04/2025	13:27	LB134892
	Barium	9620	10000	96	90 - 110	P	03/04/2025	13:27	LB134892
	Cadmium	2400	2500	96	90 - 110	P	03/04/2025	13:27	LB134892
	Chromium	984	1000	98	90 - 110	P	03/04/2025	13:27	LB134892
	Copper	1230	1250	99	90 - 110	P	03/04/2025	13:27	LB134892
	Iron	4810	5000	96	90 - 110	P	03/04/2025	13:27	LB134892
	Lead	4820	5000	96	90 - 110	P	03/04/2025	13:27	LB134892
	Manganese	2370	2500	95	90 - 110	P	03/04/2025	13:27	LB134892
	Nickel	2410	2500	96	90 - 110	P	03/04/2025	13:27	LB134892
	Selenium	4880	5000	98	90 - 110	P	03/04/2025	13:27	LB134892
	Silver	1220	1250	98	90 - 110	P	03/04/2025	13:27	LB134892
	Zinc	2470	2500	99	90 - 110	P	03/04/2025	13:27	LB134892
CCV05	Aluminum	9280	10000	93	90 - 110	P	03/04/2025	14:08	LB134892
	Arsenic	4680	5000	94	90 - 110	P	03/04/2025	14:08	LB134892
	Barium	9150	10000	92	90 - 110	P	03/04/2025	14:08	LB134892
	Cadmium	2300	2500	92	90 - 110	P	03/04/2025	14:08	LB134892
	Chromium	938	1000	94	90 - 110	P	03/04/2025	14:08	LB134892
	Copper	1190	1250	96	90 - 110	P	03/04/2025	14:08	LB134892
	Iron	4570	5000	91	90 - 110	P	03/04/2025	14:08	LB134892
	Lead	4630	5000	92	90 - 110	P	03/04/2025	14:08	LB134892
	Manganese	2280	2500	91	90 - 110	P	03/04/2025	14:08	LB134892
	Nickel	2320	2500	93	90 - 110	P	03/04/2025	14:08	LB134892
	Selenium	4710	5000	94	90 - 110	P	03/04/2025	14:08	LB134892
	Silver	1160	1250	93	90 - 110	P	03/04/2025	14:08	LB134892
	Zinc	2340	2500	94	90 - 110	P	03/04/2025	14:08	LB134892
CCV06	Aluminum	9660	10000	97	90 - 110	P	03/04/2025	14:30	LB134892
	Arsenic	4890	5000	98	90 - 110	P	03/04/2025	14:30	LB134892
	Barium	9530	10000	95	90 - 110	P	03/04/2025	14:30	LB134892

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INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: RSB Environmental **SDG No.:** Q1381

Contract: RSBE01 **Lab Code:** CHEM **Case No.:** Q1381 **SAS No.:** Q1381

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
CCV06	Cadmium	2420	2500	97	90 - 110	P	03/04/2025	14:30	LB134892
	Chromium	992	1000	99	90 - 110	P	03/04/2025	14:30	LB134892
	Copper	1250	1250	100	90 - 110	P	03/04/2025	14:30	LB134892
	Iron	4840	5000	97	90 - 110	P	03/04/2025	14:30	LB134892
	Lead	4850	5000	97	90 - 110	P	03/04/2025	14:30	LB134892
	Manganese	2350	2500	94	90 - 110	P	03/04/2025	14:30	LB134892
	Nickel	2420	2500	97	90 - 110	P	03/04/2025	14:30	LB134892
	Selenium	4910	5000	98	90 - 110	P	03/04/2025	14:30	LB134892
	Silver	1240	1250	99	90 - 110	P	03/04/2025	14:30	LB134892
	Zinc	2500	2500	100	90 - 110	P	03/04/2025	14:30	LB134892