284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

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
ICV113	Mercury	3.89	4.0	97	90 - 110	CV	11/13/2025	11:43	lb137881

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

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
CCV72	Mercury	5.21	5.0	104	90 - 110	CV	11/13/2025	11:48	lb137881
CCV73	Mercury	5.26	5.0	105	90 - 110	CV	11/13/2025	12:20	lb137881
CCV74	Mercury	5.30	5.0	106	90 - 110	CV	11/13/2025	12:43	lb137881

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

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	7770	8000	97	90 - 110	P	11/13/2025	13:12	LB137889
	Antimony	4060	4000	102	90 - 110	P	11/13/2025	13:12	LB137889
	Arsenic	4010	4000	100	90 - 110	P	11/13/2025	13:12	LB137889
	Barium	7920	8000	99	90 - 110	P	11/13/2025	13:12	LB137889
	Beryllium	198	200	99	90 - 110	P	11/13/2025	13:12	LB137889
	Cadmium	1990	2000	99	90 - 110	P	11/13/2025	13:12	LB137889
	Calcium	19500	20000	97	90 - 110	P	11/13/2025	13:12	LB137889
	Chromium	793	800	99	90 - 110	P	11/13/2025	13:12	LB137889
	Cobalt	1940	2000	97	90 - 110	P	11/13/2025	13:12	LB137889
	Copper	999	1000	100	90 - 110	P	11/13/2025	13:12	LB137889
	Iron	4020	4000	100	90 - 110	P	11/13/2025	13:12	LB137889
	Lead	3920	4000	98	90 - 110	P	11/13/2025	13:12	LB137889
	Magnesium	19500	20000	98	90 - 110	P	11/13/2025	13:12	LB137889
	Manganese	1970	2000	98	90 - 110	P	11/13/2025	13:12	LB137889
	Nickel	1950	2000	97	90 - 110	P	11/13/2025	13:12	LB137889
	Potassium	19900	20000	99	90 - 110	P	11/13/2025	13:12	LB137889
	Selenium	4000	4000	100	90 - 110	P	11/13/2025	13:12	LB137889
	Silver	1050	1000	106	90 - 110	P	11/13/2025	13:12	LB137889
	Sodium	20700	20000	104	90 - 110	P	11/13/2025	13:12	LB137889
	Thallium	4080	4000	102	90 - 110	P	11/13/2025	13:12	LB137889
	Vanadium	1960	2000	98	90 - 110	P	11/13/2025	13:12	LB137889
	Zinc	1940	2000	97	90 - 110	P	11/13/2025	13:12	LB137889

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

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	90.7	100	91	80 - 120	P	11/13/2025	13:16	LB137889
	Antimony	51.3	50.0	103	80 - 120	P	11/13/2025	13:16	LB137889
	Arsenic	19.4	20.0	97	80 - 120	P	11/13/2025	13:16	LB137889
	Barium	98.8	100	99	80 - 120	P	11/13/2025	13:16	LB137889
	Beryllium	6.44	6.0	107	80 - 120	P	11/13/2025	13:16	LB137889
	Cadmium	6.14	6.0	102	80 - 120	P	11/13/2025	13:16	LB137889
	Calcium	2150	2000	107	80 - 120	P	11/13/2025	13:16	LB137889
	Chromium	9.82	10.0	98	80 - 120	P	11/13/2025	13:16	LB137889
	Cobalt	30.2	30.0	101	80 - 120	P	11/13/2025	13:16	LB137889
	Copper	22.5	20.0	112	80 - 120	P	11/13/2025	13:16	LB137889
	Iron	116	100	116	80 - 120	P	11/13/2025	13:16	LB137889
	Lead	12.0	12.0	100	80 - 120	P	11/13/2025	13:16	LB137889
	Magnesium	2230	2000	112	80 - 120	P	11/13/2025	13:16	LB137889
	Manganese	21.9	20.0	109	80 - 120	P	11/13/2025	13:16	LB137889
	Nickel	40.8	40.0	102	80 - 120	P	11/13/2025	13:16	LB137889
	Potassium	2060	2000	103	80 - 120	P	11/13/2025	13:16	LB137889
	Selenium	23.9	20.0	120	80 - 120	P	11/13/2025	13:16	LB137889
	Silver	10.7	10.0	107	80 - 120	P	11/13/2025	13:16	LB137889
	Sodium	1960	2000	98	80 - 120	P	11/13/2025	13:16	LB137889
	Thallium	33.4	40.0	84	80 - 120	P	11/13/2025	13:16	LB137889
	Vanadium	35.3	40.0	88	80 - 120	P	11/13/2025	13:16	LB137889
	Zinc	42.2	40.0	106	80 - 120	P	11/13/2025	13:16	LB137889

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

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	9670	10000	97	90 - 110	P	11/13/2025	13:46	LB137889
	Antimony	4950	5000	99	90 - 110	P	11/13/2025	13:46	LB137889
	Arsenic	4930	5000	99	90 - 110	P	11/13/2025	13:46	LB137889
	Barium	9720	10000	97	90 - 110	P	11/13/2025	13:46	LB137889
	Beryllium	245	250	98	90 - 110	P	11/13/2025	13:46	LB137889
	Cadmium	2470	2500	99	90 - 110	P	11/13/2025	13:46	LB137889
	Calcium	24400	25000	97	90 - 110	P	11/13/2025	13:46	LB137889
	Chromium	1000	1000	100	90 - 110	P	11/13/2025	13:46	LB137889
	Cobalt	2460	2500	98	90 - 110	P	11/13/2025	13:46	LB137889
	Copper	1240	1250	99	90 - 110	P	11/13/2025	13:46	LB137889
	Iron	5050	5000	101	90 - 110	P	11/13/2025	13:46	LB137889
	Lead	4930	5000	99	90 - 110	P	11/13/2025	13:46	LB137889
	Magnesium	24200	25000	97	90 - 110	P	11/13/2025	13:46	LB137889
	Manganese	2420	2500	97	90 - 110	P	11/13/2025	13:46	LB137889
	Nickel	2470	2500	99	90 - 110	P	11/13/2025	13:46	LB137889
	Potassium	25100	25000	100	90 - 110	P	11/13/2025	13:46	LB137889
	Selenium	5000	5000	100	90 - 110	P	11/13/2025	13:46	LB137889
	Silver	1260	1250	101	90 - 110	P	11/13/2025	13:46	LB137889
	Sodium	25400	25000	102	90 - 110	P	11/13/2025	13:46	LB137889
	Thallium	4940	5000	99	90 - 110	P	11/13/2025	13:46	LB137889
	Vanadium	2420	2500	97	90 - 110	P	11/13/2025	13:46	LB137889
	Zinc	2490	2500	100	90 - 110	P	11/13/2025	13:46	LB137889
CCV02	Aluminum	9750	10000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Antimony	4920	5000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Arsenic	4900	5000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Barium	9830	10000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Beryllium	247	250	99	90 - 110	P	11/13/2025	14:35	LB137889
	Cadmium	2410	2500	96	90 - 110	P	11/13/2025	14:35	LB137889
	Calcium	24400	25000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Chromium	973	1000	97	90 - 110	P	11/13/2025	14:35	LB137889
	Cobalt	2410	2500	96	90 - 110	P	11/13/2025	14:35	LB137889
	Copper	1220	1250	98	90 - 110	P	11/13/2025	14:35	LB137889
	Iron	4940	5000	99	90 - 110	P	11/13/2025	14:35	LB137889
	Lead	4830	5000	96	90 - 110	P	11/13/2025	14:35	LB137889

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In
SDG No.: Q3615
Contract: CORE02
Lab Code: ACE
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	24200	25000	97	90 - 110	P	11/13/2025	14:35	LB137889
	Manganese	2450	2500	98	90 - 110	P	11/13/2025	14:35	LB137889
	Nickel	2420	2500	97	90 - 110	P	11/13/2025	14:35	LB137889
	Potassium	24700	25000	99	90 - 110	P	11/13/2025	14:35	LB137889
	Selenium	4960	5000	99	90 - 110	P	11/13/2025	14:35	LB137889
	Silver	1230	1250	99	90 - 110	P	11/13/2025	14:35	LB137889
	Sodium	24600	25000	98	90 - 110	P	11/13/2025	14:35	LB137889
	Thallium	5060	5000	101	90 - 110	P	11/13/2025	14:35	LB137889
	Vanadium	2440	2500	98	90 - 110	P	11/13/2025	14:35	LB137889
	Zinc	2470	2500	99	90 - 110	P	11/13/2025	14:35	LB137889
CCV03	Aluminum	9520	10000	95	90 - 110	P	11/13/2025	15:48	LB137889
	Antimony	4900	5000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Arsenic	4890	5000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Barium	9650	10000	96	90 - 110	P	11/13/2025	15:48	LB137889
	Beryllium	239	250	96	90 - 110	P	11/13/2025	15:48	LB137889
	Cadmium	2420	2500	97	90 - 110	P	11/13/2025	15:48	LB137889
	Calcium	24000	25000	96	90 - 110	P	11/13/2025	15:48	LB137889
	Chromium	982	1000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Cobalt	2430	2500	97	90 - 110	P	11/13/2025	15:48	LB137889
	Copper	1220	1250	98	90 - 110	P	11/13/2025	15:48	LB137889
	Iron	4980	5000	100	90 - 110	P	11/13/2025	15:48	LB137889
	Lead	4860	5000	97	90 - 110	P	11/13/2025	15:48	LB137889
	Magnesium	23800	25000	95	90 - 110	P	11/13/2025	15:48	LB137889
	Manganese	2430	2500	97	90 - 110	P	11/13/2025	15:48	LB137889
	Nickel	2420	2500	97	90 - 110	P	11/13/2025	15:48	LB137889
	Potassium	24500	25000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Selenium	4910	5000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Silver	1240	1250	99	90 - 110	P	11/13/2025	15:48	LB137889
	Sodium	24600	25000	98	90 - 110	P	11/13/2025	15:48	LB137889
	Thallium	4720	5000	94	90 - 110	P	11/13/2025	15:48	LB137889
	Vanadium	2380	2500	95	90 - 110	P	11/13/2025	15:48	LB137889
	Zinc	2490	2500	100	90 - 110	P	11/13/2025	15:48	LB137889
CCV04	Aluminum	9930	10000	99	90 - 110	P	11/13/2025	16:36	LB137889
	Antimony	5020	5000	100	90 - 110	P	11/13/2025	16:36	LB137889

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In
SDG No.: Q3615
Contract: CORE02
Lab Code: ACE
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	5010	5000	100	90 - 110	P	11/13/2025	16:36	LB137889
	Barium	9900	10000	99	90 - 110	P	11/13/2025	16:36	LB137889
	Beryllium	252	250	101	90 - 110	P	11/13/2025	16:36	LB137889
	Cadmium	2500	2500	100	90 - 110	P	11/13/2025	16:36	LB137889
	Calcium	25000	25000	100	90 - 110	P	11/13/2025	16:36	LB137889
	Chromium	1020	1000	102	90 - 110	P	11/13/2025	16:36	LB137889
	Cobalt	2490	2500	100	90 - 110	P	11/13/2025	16:36	LB137889
	Copper	1260	1250	101	90 - 110	P	11/13/2025	16:36	LB137889
	Iron	5170	5000	103	90 - 110	P	11/13/2025	16:36	LB137889
	Lead	5010	5000	100	90 - 110	P	11/13/2025	16:36	LB137889
	Magnesium	24800	25000	99	90 - 110	P	11/13/2025	16:36	LB137889
	Manganese	2510	2500	100	90 - 110	P	11/13/2025	16:36	LB137889
	Nickel	2490	2500	100	90 - 110	P	11/13/2025	16:36	LB137889
	Potassium	25300	25000	101	90 - 110	P	11/13/2025	16:36	LB137889
	Selenium	5040	5000	101	90 - 110	P	11/13/2025	16:36	LB137889
	Silver	1280	1250	102	90 - 110	P	11/13/2025	16:36	LB137889
	Sodium	24600	25000	99	90 - 110	P	11/13/2025	16:36	LB137889
	Thallium	4710	5000	94	90 - 110	P	11/13/2025	16:36	LB137889
	Vanadium	2480	2500	99	90 - 110	P	11/13/2025	16:36	LB137889
	Zinc	2580	2500	103	90 - 110	P	11/13/2025	16:36	LB137889
CCV05	Aluminum	9830	10000	98	90 - 110	P	11/13/2025	17:27	LB137889
	Antimony	4940	5000	99	90 - 110	P	11/13/2025	17:27	LB137889
	Arsenic	4900	5000	98	90 - 110	P	11/13/2025	17:27	LB137889
	Barium	9920	10000	99	90 - 110	P	11/13/2025	17:27	LB137889
	Beryllium	245	250	98	90 - 110	P	11/13/2025	17:27	LB137889
	Cadmium	2420	2500	97	90 - 110	P	11/13/2025	17:27	LB137889
	Calcium	24700	25000	99	90 - 110	P	11/13/2025	17:27	LB137889
	Chromium	983	1000	98	90 - 110	P	11/13/2025	17:27	LB137889
	Cobalt	2430	2500	97	90 - 110	P	11/13/2025	17:27	LB137889
	Copper	1230	1250	98	90 - 110	P	11/13/2025	17:27	LB137889
	Iron	4970	5000	99	90 - 110	P	11/13/2025	17:27	LB137889
	Lead	4860	5000	97	90 - 110	P	11/13/2025	17:27	LB137889
	Magnesium	24600	25000	98	90 - 110	P	11/13/2025	17:27	LB137889
	Manganese	2490	2500	100	90 - 110	P	11/13/2025	17:27	LB137889

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -
INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In
SDG No.: Q3615
Contract: CORE02
Lab Code: ACE
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	2420	2500	97	90 - 110	P	11/13/2025	17:27	LB137889
	Potassium	25200	25000	101	90 - 110	P	11/13/2025	17:27	LB137889
	Selenium	4910	5000	98	90 - 110	P	11/13/2025	17:27	LB137889
	Silver	1230	1250	98	90 - 110	P	11/13/2025	17:27	LB137889
	Sodium	25800	25000	103	90 - 110	P	11/13/2025	17:27	LB137889
	Thallium	4590	5000	92	90 - 110	P	11/13/2025	17:27	LB137889
	Vanadium	2470	2500	99	90 - 110	P	11/13/2025	17:27	LB137889
	Zinc	2510	2500	100	90 - 110	P	11/13/2025	17:27	LB137889
CCV06	Aluminum	9780	10000	98	90 - 110	P	11/13/2025	18:17	LB137889
	Antimony	4960	5000	99	90 - 110	P	11/13/2025	18:17	LB137889
	Arsenic	4940	5000	99	90 - 110	P	11/13/2025	18:17	LB137889
	Barium	9800	10000	98	90 - 110	P	11/13/2025	18:17	LB137889
	Beryllium	245	250	98	90 - 110	P	11/13/2025	18:17	LB137889
	Cadmium	2440	2500	98	90 - 110	P	11/13/2025	18:17	LB137889
	Calcium	24700	25000	99	90 - 110	P	11/13/2025	18:17	LB137889
	Chromium	1010	1000	101	90 - 110	P	11/13/2025	18:17	LB137889
	Cobalt	2450	2500	98	90 - 110	P	11/13/2025	18:17	LB137889
	Copper	1240	1250	99	90 - 110	P	11/13/2025	18:17	LB137889
	Iron	5190	5000	104	90 - 110	P	11/13/2025	18:17	LB137889
	Lead	4900	5000	98	90 - 110	P	11/13/2025	18:17	LB137889
	Magnesium	24700	25000	99	90 - 110	P	11/13/2025	18:17	LB137889
	Manganese	2490	2500	100	90 - 110	P	11/13/2025	18:17	LB137889
	Nickel	2440	2500	98	90 - 110	P	11/13/2025	18:17	LB137889
	Potassium	31800	25000	127	90 - 110	P	11/13/2025	18:17	LB137889
	Selenium	4940	5000	99	90 - 110	P	11/13/2025	18:17	LB137889
	Silver	1260	1250	101	90 - 110	P	11/13/2025	18:17	LB137889
	Sodium	37900	25000	152	90 - 110	P	11/13/2025	18:17	LB137889
	Thallium	4580	5000	92	90 - 110	P	11/13/2025	18:17	LB137889
	Vanadium	2450	2500	98	90 - 110	P	11/13/2025	18:17	LB137889
	Zinc	2580	2500	103	90 - 110	P	11/13/2025	18:17	LB137889
CCV07	Aluminum	9900	10000	99	90 - 110	P	11/13/2025	18:38	LB137889
	Antimony	5020	5000	100	90 - 110	P	11/13/2025	18:38	LB137889
	Arsenic	5010	5000	100	90 - 110	P	11/13/2025	18:38	LB137889
	Barium	9930	10000	99	90 - 110	P	11/13/2025	18:38	LB137889

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Metals

- 2a -

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Client: Core Environmental Consultants and Services, In

SDG No.: Q3615

Contract: CORE02

Lab Code: ACE

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	248	250	99	90 - 110	P	11/13/2025	18:38	LB137889
	Cadmium	2470	2500	99	90 - 110	P	11/13/2025	18:38	LB137889
	Calcium	25000	25000	100	90 - 110	P	11/13/2025	18:38	LB137889
	Chromium	1010	1000	101	90 - 110	P	11/13/2025	18:38	LB137889
	Cobalt	2480	2500	99	90 - 110	P	11/13/2025	18:38	LB137889
	Copper	1260	1250	100	90 - 110	P	11/13/2025	18:38	LB137889
	Iron	5130	5000	103	90 - 110	P	11/13/2025	18:38	LB137889
	Lead	4960	5000	99	90 - 110	P	11/13/2025	18:38	LB137889
	Magnesium	24900	25000	100	90 - 110	P	11/13/2025	18:38	LB137889
	Manganese	2530	2500	101	90 - 110	P	11/13/2025	18:38	LB137889
	Nickel	2470	2500	99	90 - 110	P	11/13/2025	18:38	LB137889
	Potassium	33000	25000	132	90 - 110	P	11/13/2025	18:38	LB137889
	Selenium	4990	5000	100	90 - 110	P	11/13/2025	18:38	LB137889
	Silver	1270	1250	101	90 - 110	P	11/13/2025	18:38	LB137889
	Sodium	41600	25000	166	90 - 110	P	11/13/2025	18:38	LB137889
	Thallium	4530	5000	91	90 - 110	P	11/13/2025	18:38	LB137889
	Vanadium	2470	2500	99	90 - 110	P	11/13/2025	18:38	LB137889
	Zinc	2610	2500	104	90 - 110	P	11/13/2025	18:38	LB137889