

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

E29X1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3
 Matrix: SOIL Lab Sample ID: P4879-01
 % Solids: 84 Date Received: 11/15/2024
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.069	J	11/20/2024	1240
7440-38-2	Arsenic	2.0		11/20/2024	1240
7440-39-3	Barium	14		11/20/2024	1240
7440-41-7	Beryllium	0.073	J	11/20/2024	1240
7440-43-9	Cadmium	0.087	J	11/20/2024	1240
7440-47-3	Chromium	2.6	*	11/20/2024	1240
7440-48-4	Cobalt	1.5		11/20/2024	1240
7440-50-8	Copper	3.2		11/20/2024	1240
7439-92-1	Lead	130		11/20/2024	1240
7439-96-5	Manganese	260		11/20/2024	1240
7440-02-0	Nickel	2.9		11/20/2024	1240
7782-49-2	Selenium	2.3	U	11/20/2024	1240
7440-22-4	Silver	0.46	U	11/20/2024	1240
7440-28-0	Thallium	0.078	J	11/20/2024	1240
7440-62-2	Vanadium	3.6		11/20/2024	1240
7440-66-6	Zinc	33		11/20/2024	1240

NOTE: Hardness (total) is reported in mg/L

Comments:

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E29X2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-02

% Solids: 83.5 Date Received: 11/15/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.032	J	11/20/2024	1243
7440-38-2	Arsenic	1.9		11/20/2024	1243
7440-39-3	Barium	17		11/20/2024	1243
7440-41-7	Beryllium	0.064	J	11/20/2024	1243
7440-43-9	Cadmium	0.40	U	11/20/2024	1243
7440-47-3	Chromium	1.8	*	11/20/2024	1243
7440-48-4	Cobalt	1.4		11/20/2024	1243
7440-50-8	Copper	2.7		11/20/2024	1243
7439-92-1	Lead	2.6		11/20/2024	1243
7439-96-5	Manganese	230		11/20/2024	1243
7440-02-0	Nickel	2.3		11/20/2024	1243
7782-49-2	Selenium	2.0	U	11/20/2024	1243
7440-22-4	Silver	0.40	U	11/20/2024	1243
7440-28-0	Thallium	0.052	J	11/20/2024	1243
7440-62-2	Vanadium	3.1		11/20/2024	1243
7440-66-6	Zinc	8.4		11/20/2024	1243

NOTE: Hardness (total) is reported in mg/L

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E29X3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-03

% Solids: 84.9 Date Received: 11/15/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.043	J	11/20/2024	1247
7440-38-2	Arsenic	2.5		11/20/2024	1247
7440-39-3	Barium	15		11/20/2024	1247
7440-41-7	Beryllium	0.096	J	11/20/2024	1247
7440-43-9	Cadmium	0.48	U	11/20/2024	1247
7440-47-3	Chromium	1.8	*	11/20/2024	1247
7440-48-4	Cobalt	1.6		11/20/2024	1247
7440-50-8	Copper	3.3		11/20/2024	1247
7439-92-1	Lead	3.7		11/20/2024	1247
7439-96-5	Manganese	230		11/20/2024	1247
7440-02-0	Nickel	2.7		11/20/2024	1247
7782-49-2	Selenium	2.4	U	11/20/2024	1247
7440-22-4	Silver	0.48	U	11/20/2024	1247
7440-28-0	Thallium	0.072	J	11/20/2024	1247
7440-62-2	Vanadium	3.7		11/20/2024	1247
7440-66-6	Zinc	8.9		11/20/2024	1247

NOTE: Hardness (total) is reported in mg/L

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E29X4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-04

% Solids: 87 Date Received: 11/15/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.86	U	11/20/2024	1250
7440-38-2	Arsenic	1.8		11/20/2024	1250
7440-39-3	Barium	16		11/20/2024	1250
7440-41-7	Beryllium	0.064	J	11/20/2024	1250
7440-43-9	Cadmium	0.43	U	11/20/2024	1250
7440-47-3	Chromium	1.5	*	11/20/2024	1250
7440-48-4	Cobalt	1.5		11/20/2024	1250
7440-50-8	Copper	2.7		11/20/2024	1250
7439-92-1	Lead	3.0		11/20/2024	1250
7439-96-5	Manganese	360		11/20/2024	1250
7440-02-0	Nickel	2.4		11/20/2024	1250
7782-49-2	Selenium	2.1	U	11/20/2024	1250
7440-22-4	Silver	0.43	U	11/20/2024	1250
7440-28-0	Thallium	0.047	J	11/20/2024	1250
7440-62-2	Vanadium	2.9		11/20/2024	1250
7440-66-6	Zinc	8.3		11/20/2024	1250

NOTE: Hardness (total) is reported in mg/L

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E29X5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-05

% Solids: 74.9 Date Received: 11/15/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.1	U	11/20/2024	1253
7440-38-2	Arsenic	1.9		11/20/2024	1253
7440-39-3	Barium	23		11/20/2024	1253
7440-41-7	Beryllium	0.10	J	11/20/2024	1253
7440-43-9	Cadmium	0.11	J	11/20/2024	1253
7440-47-3	Chromium	2.6	*	11/20/2024	1253
7440-48-4	Cobalt	1.9		11/20/2024	1253
7440-50-8	Copper	4.6		11/20/2024	1253
7439-92-1	Lead	19		11/20/2024	1253
7439-96-5	Manganese	250		11/20/2024	1253
7440-02-0	Nickel	3.7		11/20/2024	1253
7782-49-2	Selenium	2.6	U	11/20/2024	1253
7440-22-4	Silver	0.53	U	11/20/2024	1253
7440-28-0	Thallium	0.063	J	11/20/2024	1253
7440-62-2	Vanadium	3.8		11/20/2024	1253
7440-66-6	Zinc	33		11/20/2024	1253

NOTE: Hardness (total) is reported in mg/L

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E29X6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-08

% Solids: 81.7 Date Received: 11/15/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.035	J	11/20/2024	1305
7440-38-2	Arsenic	3.6		11/20/2024	1305
7440-39-3	Barium	16		11/20/2024	1305
7440-41-7	Beryllium	0.088	J	11/20/2024	1305
7440-43-9	Cadmium	0.079	J	11/20/2024	1305
7440-47-3	Chromium	1.8	*	11/20/2024	1305
7440-48-4	Cobalt	1.7		11/20/2024	1305
7440-50-8	Copper	3.1		11/20/2024	1305
7439-92-1	Lead	3.7		11/20/2024	1305
7439-96-5	Manganese	200		11/20/2024	1305
7440-02-0	Nickel	3.0		11/20/2024	1305
7782-49-2	Selenium	0.35	J	11/20/2024	1305
7440-22-4	Silver	0.44	U	11/20/2024	1305
7440-28-0	Thallium	0.040	J	11/20/2024	1305
7440-62-2	Vanadium	3.2		11/20/2024	1305
7440-66-6	Zinc	14		11/20/2024	1305

NOTE: Hardness (total) is reported in mg/L

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E29X7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-09

% Solids: 92.9 Date Received: 11/15/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.85	U	11/20/2024	1309
7440-38-2	Arsenic	1.4		11/20/2024	1309
7440-39-3	Barium	14		11/20/2024	1309
7440-41-7	Beryllium	0.068	J	11/20/2024	1309
7440-43-9	Cadmium	0.42	U	11/20/2024	1309
7440-47-3	Chromium	1.6	*	11/20/2024	1309
7440-48-4	Cobalt	1.4		11/20/2024	1309
7440-50-8	Copper	2.3		11/20/2024	1309
7439-92-1	Lead	3.4		11/20/2024	1309
7439-96-5	Manganese	200		11/20/2024	1309
7440-02-0	Nickel	2.4		11/20/2024	1309
7782-49-2	Selenium	2.1	U	11/20/2024	1309
7440-22-4	Silver	0.42	U	11/20/2024	1309
7440-28-0	Thallium	0.030	J	11/20/2024	1309
7440-62-2	Vanadium	3.1		11/20/2024	1309
7440-66-6	Zinc	7.9		11/20/2024	1309

NOTE: Hardness (total) is reported in mg/L

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E29X8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-10

% Solids: 83.3 Date Received: 11/15/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.86	U	11/20/2024	1312
7440-38-2	Arsenic	1.7		11/20/2024	1312
7440-39-3	Barium	16		11/20/2024	1312
7440-41-7	Beryllium	0.077	J	11/20/2024	1312
7440-43-9	Cadmium	0.43	U	11/20/2024	1312
7440-47-3	Chromium	1.9	*	11/20/2024	1312
7440-48-4	Cobalt	1.4		11/20/2024	1312
7440-50-8	Copper	2.8		11/20/2024	1312
7439-92-1	Lead	3.2		11/20/2024	1312
7439-96-5	Manganese	150		11/20/2024	1312
7440-02-0	Nickel	2.6		11/20/2024	1312
7782-49-2	Selenium	2.1	U	11/20/2024	1312
7440-22-4	Silver	0.43	U	11/20/2024	1312
7440-28-0	Thallium	0.039	J	11/20/2024	1312
7440-62-2	Vanadium	3.1		11/20/2024	1312
7440-66-6	Zinc	11		11/20/2024	1312

NOTE: Hardness (total) is reported in mg/L

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E29X9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-11

% Solids: 50.8 Date Received: 11/15/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.075	J	11/20/2024	1315
7440-38-2	Arsenic	7.4		11/20/2024	1315
7440-39-3	Barium	60		11/20/2024	1315
7440-41-7	Beryllium	0.32	J	11/20/2024	1315
7440-43-9	Cadmium	0.26	J	11/20/2024	1315
7440-47-3	Chromium	6.3	*	11/20/2024	1315
7440-48-4	Cobalt	4.7		11/20/2024	1315
7440-50-8	Copper	15		11/20/2024	1315
7439-92-1	Lead	8.2		11/20/2024	1315
7439-96-5	Manganese	180		11/20/2024	1315
7440-02-0	Nickel	12		11/20/2024	1315
7782-49-2	Selenium	0.46	J	11/20/2024	1315
7440-22-4	Silver	0.75	U	11/20/2024	1315
7440-28-0	Thallium	0.12	J	11/20/2024	1315
7440-62-2	Vanadium	11		11/20/2024	1315
7440-66-6	Zinc	45		11/20/2024	1315

NOTE: Hardness (total) is reported in mg/L

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E29Y0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-12

% Solids: 89.7 Date Received: 11/15/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.055	J	11/20/2024	1318
7440-38-2	Arsenic	3.8		11/20/2024	1318
7440-39-3	Barium	29		11/20/2024	1318
7440-41-7	Beryllium	0.15	J	11/20/2024	1318
7440-43-9	Cadmium	0.12	J	11/20/2024	1318
7440-47-3	Chromium	4.6	*	11/20/2024	1318
7440-48-4	Cobalt	3.5		11/20/2024	1318
7440-50-8	Copper	6.9		11/20/2024	1318
7439-92-1	Lead	5.8		11/20/2024	1318
7439-96-5	Manganese	240		11/20/2024	1318
7440-02-0	Nickel	8.2		11/20/2024	1318
7782-49-2	Selenium	0.31	J	11/20/2024	1318
7440-22-4	Silver	0.46	U	11/20/2024	1318
7440-28-0	Thallium	0.064	J	11/20/2024	1318
7440-62-2	Vanadium	5.8		11/20/2024	1318
7440-66-6	Zinc	32		11/20/2024	1318

NOTE: Hardness (total) is reported in mg/L

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E29Y1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-13

% Solids: 76.1 Date Received: 11/16/2024

Analytical Method: ICP_MS

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.0	U	11/20/2024	1321
7440-38-2	Arsenic	2.1		11/20/2024	1321
7440-39-3	Barium	25		11/20/2024	1321
7440-41-7	Beryllium	0.10	J	11/20/2024	1321
7440-43-9	Cadmium	0.50	U	11/20/2024	1321
7440-47-3	Chromium	2.1	*	11/20/2024	1321
7440-48-4	Cobalt	2.1		11/20/2024	1321
7440-50-8	Copper	5.3		11/20/2024	1321
7439-92-1	Lead	5.2		11/20/2024	1321
7439-96-5	Manganese	130		11/20/2024	1321
7440-02-0	Nickel	4.0		11/20/2024	1321
7782-49-2	Selenium	2.5	U	11/20/2024	1321
7440-22-4	Silver	0.50	U	11/20/2024	1321
7440-28-0	Thallium	0.045	J	11/20/2024	1321
7440-62-2	Vanadium	3.3		11/20/2024	1321
7440-66-6	Zinc	17		11/20/2024	1321

NOTE: Hardness (total) is reported in mg/L

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E29Y2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-14

% Solids: 89 Date Received: 11/16/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.85	U	11/20/2024	1324
7440-38-2	Arsenic	2.2		11/20/2024	1324
7440-39-3	Barium	12		11/20/2024	1324
7440-41-7	Beryllium	0.084	J	11/20/2024	1324
7440-43-9	Cadmium	0.42	U	11/20/2024	1324
7440-47-3	Chromium	2.0	*	11/20/2024	1324
7440-48-4	Cobalt	1.7		11/20/2024	1324
7440-50-8	Copper	2.7		11/20/2024	1324
7439-92-1	Lead	3.7		11/20/2024	1324
7439-96-5	Manganese	230		11/20/2024	1324
7440-02-0	Nickel	2.9		11/20/2024	1324
7782-49-2	Selenium	2.1	U	11/20/2024	1324
7440-22-4	Silver	0.42	U	11/20/2024	1324
7440-28-0	Thallium	0.046	J	11/20/2024	1324
7440-62-2	Vanadium	3.5		11/20/2024	1324
7440-66-6	Zinc	9.2		11/20/2024	1324

NOTE: Hardness (total) is reported in mg/L

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E29Y3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-15

% Solids: 89 Date Received: 11/16/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.073	J	11/20/2024	1334
7440-38-2	Arsenic	3.4		11/20/2024	1334
7440-39-3	Barium	23		11/20/2024	1334
7440-41-7	Beryllium	0.11	J	11/20/2024	1334
7440-43-9	Cadmium	0.43	U	11/20/2024	1334
7440-47-3	Chromium	3.0	*	11/20/2024	1334
7440-48-4	Cobalt	2.9		11/20/2024	1334
7440-50-8	Copper	5.3		11/20/2024	1334
7439-92-1	Lead	5.6		11/20/2024	1334
7439-96-5	Manganese	260		11/20/2024	1334
7440-02-0	Nickel	5.6		11/20/2024	1334
7782-49-2	Selenium	0.34	J	11/20/2024	1334
7440-22-4	Silver	0.43	U	11/20/2024	1334
7440-28-0	Thallium	0.086	J	11/20/2024	1334
7440-62-2	Vanadium	4.7		11/20/2024	1334
7440-66-6	Zinc	14		11/20/2024	1334

NOTE: Hardness (total) is reported in mg/L

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E29Y4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-16

% Solids: 83.4 Date Received: 11/16/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.047	J	11/20/2024	1338
7440-38-2	Arsenic	1.9		11/20/2024	1338
7440-39-3	Barium	18		11/20/2024	1338
7440-41-7	Beryllium	0.094	J	11/20/2024	1338
7440-43-9	Cadmium	0.47	U	11/20/2024	1338
7440-47-3	Chromium	2.3	*	11/20/2024	1338
7440-48-4	Cobalt	2.0		11/20/2024	1338
7440-50-8	Copper	4.2		11/20/2024	1338
7439-92-1	Lead	4.1		11/20/2024	1338
7439-96-5	Manganese	170		11/20/2024	1338
7440-02-0	Nickel	3.9		11/20/2024	1338
7782-49-2	Selenium	2.4	U	11/20/2024	1338
7440-22-4	Silver	0.47	U	11/20/2024	1338
7440-28-0	Thallium	0.057	J	11/20/2024	1338
7440-62-2	Vanadium	3.5		11/20/2024	1338
7440-66-6	Zinc	17		11/20/2024	1338

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

E29Y5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3
 Matrix: SOIL Lab Sample ID: P4879-17
 % Solids: 83.9 Date Received: 11/16/2024
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.040	J	11/20/2024	1341
7440-38-2	Arsenic	2.1		11/20/2024	1341
7440-39-3	Barium	15		11/20/2024	1341
7440-41-7	Beryllium	0.089	J	11/20/2024	1341
7440-43-9	Cadmium	0.45	U	11/20/2024	1341
7440-47-3	Chromium	2.2	*	11/20/2024	1341
7440-48-4	Cobalt	2.0		11/20/2024	1341
7440-50-8	Copper	3.5		11/20/2024	1341
7439-92-1	Lead	3.8		11/20/2024	1341
7439-96-5	Manganese	170		11/20/2024	1341
7440-02-0	Nickel	3.8		11/20/2024	1341
7782-49-2	Selenium	2.2	U	11/20/2024	1341
7440-22-4	Silver	0.45	U	11/20/2024	1341
7440-28-0	Thallium	0.049	J	11/20/2024	1341
7440-62-2	Vanadium	3.6		11/20/2024	1341
7440-66-6	Zinc	13		11/20/2024	1341

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

E29Y6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-20

% Solids: 88.2 Date Received: 11/16/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.87	U	11/20/2024	1350
7440-38-2	Arsenic	2.0		11/20/2024	1350
7440-39-3	Barium	49		11/20/2024	1350
7440-41-7	Beryllium	0.095	J	11/20/2024	1350
7440-43-9	Cadmium	0.43	U	11/20/2024	1350
7440-47-3	Chromium	2.0	*	11/20/2024	1350
7440-48-4	Cobalt	1.4		11/20/2024	1350
7440-50-8	Copper	3.2		11/20/2024	1350
7439-92-1	Lead	3.2		11/20/2024	1350
7439-96-5	Manganese	260		11/20/2024	1350
7440-02-0	Nickel	2.8		11/20/2024	1350
7782-49-2	Selenium	0.36	J	11/20/2024	1350
7440-22-4	Silver	0.43	U	11/20/2024	1350
7440-28-0	Thallium	0.039	J	11/20/2024	1350
7440-62-2	Vanadium	3.5		11/20/2024	1350
7440-66-6	Zinc	10		11/20/2024	1350

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

E29Y7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-21

% Solids: 77.8 Date Received: 11/16/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.047	J	11/20/2024	1353
7440-38-2	Arsenic	3.3		11/20/2024	1353
7440-39-3	Barium	45		11/20/2024	1353
7440-41-7	Beryllium	0.21	J	11/20/2024	1353
7440-43-9	Cadmium	0.52	U	11/20/2024	1353
7440-47-3	Chromium	3.7	*	11/20/2024	1353
7440-48-4	Cobalt	3.1		11/20/2024	1353
7440-50-8	Copper	7.5		11/20/2024	1353
7439-92-1	Lead	7.9		11/20/2024	1353
7439-96-5	Manganese	190		11/20/2024	1353
7440-02-0	Nickel	6.3		11/20/2024	1353
7782-49-2	Selenium	2.6	U	11/20/2024	1353
7440-22-4	Silver	0.52	U	11/20/2024	1353
7440-28-0	Thallium	0.052	J	11/20/2024	1353
7440-62-2	Vanadium	5.8		11/20/2024	1353
7440-66-6	Zinc	21		11/20/2024	1353

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

E29Y9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-18

% Solids: 83.3 Date Received: 11/16/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.93	U	11/20/2024	1344
7440-38-2	Arsenic	1.7		11/20/2024	1344
7440-39-3	Barium	13		11/20/2024	1344
7440-41-7	Beryllium	0.060	J	11/20/2024	1344
7440-43-9	Cadmium	0.47	U	11/20/2024	1344
7440-47-3	Chromium	1.8	*	11/20/2024	1344
7440-48-4	Cobalt	1.3		11/20/2024	1344
7440-50-8	Copper	2.3		11/20/2024	1344
7439-92-1	Lead	2.8		11/20/2024	1344
7439-96-5	Manganese	200		11/20/2024	1344
7440-02-0	Nickel	2.1		11/20/2024	1344
7782-49-2	Selenium	2.3	U	11/20/2024	1344
7440-22-4	Silver	0.47	U	11/20/2024	1344
7440-28-0	Thallium	0.47	U	11/20/2024	1344
7440-62-2	Vanadium	3.2		11/20/2024	1344
7440-66-6	Zinc	6.8		11/20/2024	1344

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

E29Z0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3

Matrix: SOIL Lab Sample ID: P4879-19

% Solids: 82.4 Date Received: 11/16/2024

Analytical Method: ICP_MS

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	1.0	U	11/20/2024	1347
7440-38-2	Arsenic	1.7		11/20/2024	1347
7440-39-3	Barium	17		11/20/2024	1347
7440-41-7	Beryllium	0.082	J	11/20/2024	1347
7440-43-9	Cadmium	0.51	U	11/20/2024	1347
7440-47-3	Chromium	2.3	*	11/20/2024	1347
7440-48-4	Cobalt	1.5		11/20/2024	1347
7440-50-8	Copper	2.6		11/20/2024	1347
7439-92-1	Lead	3.9		11/20/2024	1347
7439-96-5	Manganese	230		11/20/2024	1347
7440-02-0	Nickel	2.5		11/20/2024	1347
7782-49-2	Selenium	2.6	U	11/20/2024	1347
7440-22-4	Silver	0.51	U	11/20/2024	1347
7440-28-0	Thallium	0.036	J	11/20/2024	1347
7440-62-2	Vanadium	3.7		11/20/2024	1347
7440-66-6	Zinc	8.7		11/20/2024	1347

NOTE: Hardness (total) is reported in mg/L

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

E2A11

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51878 MA No. : SDG No.: E29X3
 Matrix: SOIL Lab Sample ID: P4879-22
 % Solids: 79.3 Date Received: 11/16/2024
 Analytical Method: ICP_MS
 Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7440-36-0	Antimony	0.057	J	11/22/2024	1433
7440-38-2	Arsenic	1.9		11/22/2024	1433
7440-39-3	Barium	26		11/22/2024	1433
7440-41-7	Beryllium	0.091	J	11/22/2024	1433
7440-43-9	Cadmium	0.081	J	11/22/2024	1433
7440-47-3	Chromium	2.5	*	11/22/2024	1433
7440-48-4	Cobalt	2.1		11/22/2024	1433
7440-50-8	Copper	3.9		11/22/2024	1433
7439-92-1	Lead	3.9		11/22/2024	1433
7439-96-5	Manganese	170		11/22/2024	1433
7440-02-0	Nickel	4.0		11/22/2024	1433
7782-49-2	Selenium	2.4	U	11/22/2024	1433
7440-22-4	Silver	0.48	U	11/22/2024	1433
7440-28-0	Thallium	0.11	J	11/22/2024	1433
7440-62-2	Vanadium	4.0		11/22/2024	1433
7440-66-6	Zinc	13		11/22/2024	1433

NOTE: Hardness (total) is reported in mg/L

Comments:
