

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29D7

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-01

% Solids: 92 Date Received: 11/23/2024

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	0.22	J	12/06/2024	1424
7440-38-2	Arsenic	3.7	*	12/06/2024	1424
7440-39-3	Barium	6.5		12/06/2024	1424
7440-41-7	Beryllium	0.11	J	12/06/2024	1424
7440-43-9	Cadmium	0.096	J	12/06/2024	1424
7440-47-3	Chromium	5.4		12/06/2024	1424
7440-48-4	Cobalt	3.5		12/06/2024	1424
7440-50-8	Copper	6.4		12/06/2024	1424
7439-92-1	Lead	3.9	*	12/06/2024	1424
7439-96-5	Manganese	220		12/06/2024	1424
7440-02-0	Nickel	7.7		12/06/2024	1424
7782-49-2	Selenium	0.27	J	12/06/2024	1424
7440-22-4	Silver	0.048	J	12/06/2024	1424
7440-28-0	Thallium	0.075	J	12/06/2024	1424
7440-32-6	Titanium	30		12/06/2024	1424
7440-62-2	Vanadium	5.8		12/06/2024	1424
7440-66-6	Zinc	19		12/06/2024	1424

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

Comments:

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ME29D8

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-02

% Solids: 89.1 Date Received: 11/23/2024

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	0.14	J	12/06/2024	1427
7440-38-2	Arsenic	2.7	*	12/06/2024	1427
7440-39-3	Barium	6.3		12/06/2024	1427
7440-41-7	Beryllium	0.087	J	12/06/2024	1427
7440-43-9	Cadmium	0.51	U	12/06/2024	1427
7440-47-3	Chromium	4.6		12/06/2024	1427
7440-48-4	Cobalt	2.5		12/06/2024	1427
7440-50-8	Copper	6.3		12/06/2024	1427
7439-92-1	Lead	4.3	*	12/06/2024	1427
7439-96-5	Manganese	260		12/06/2024	1427
7440-02-0	Nickel	5.4		12/06/2024	1427
7782-49-2	Selenium	2.6	U	12/06/2024	1427
7440-22-4	Silver	0.51	U	12/06/2024	1427
7440-28-0	Thallium	0.061	J	12/06/2024	1427
7440-32-6	Titanium	35		12/06/2024	1427
7440-62-2	Vanadium	5.9		12/06/2024	1427
7440-66-6	Zinc	18		12/06/2024	1427

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

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ME29D9

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-03

% Solids: 85.4 Date Received: 11/23/2024

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	0.17	J	12/06/2024	1430
7440-38-2	Arsenic	4.6	*	12/06/2024	1430
7440-39-3	Barium	6.1		12/06/2024	1430
7440-41-7	Beryllium	0.085	J	12/06/2024	1430
7440-43-9	Cadmium	0.47	U	12/06/2024	1430
7440-47-3	Chromium	3.9		12/06/2024	1430
7440-48-4	Cobalt	2.5		12/06/2024	1430
7440-50-8	Copper	6.0		12/06/2024	1430
7439-92-1	Lead	3.2	*	12/06/2024	1430
7439-96-5	Manganese	390		12/06/2024	1430
7440-02-0	Nickel	5.6		12/06/2024	1430
7782-49-2	Selenium	2.4	U	12/06/2024	1430
7440-22-4	Silver	0.47	U	12/06/2024	1430
7440-28-0	Thallium	0.038	J	12/06/2024	1430
7440-32-6	Titanium	30		12/06/2024	1430
7440-62-2	Vanadium	5.4		12/06/2024	1430
7440-66-6	Zinc	19		12/06/2024	1430

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

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ME29E0

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-04

% Solids: 93.5 Date Received: 11/23/2024

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	0.21	J	12/06/2024	1433
7440-38-2	Arsenic	7.6	*	12/06/2024	1433
7440-39-3	Barium	44		12/06/2024	1433
7440-41-7	Beryllium	0.25	J	12/06/2024	1433
7440-43-9	Cadmium	0.47	U	12/06/2024	1433
7440-47-3	Chromium	14		12/06/2024	1433
7440-48-4	Cobalt	13		12/06/2024	1433
7440-50-8	Copper	12		12/06/2024	1433
7439-92-1	Lead	12	*	12/06/2024	1433
7439-96-5	Manganese	200		12/06/2024	1433
7440-02-0	Nickel	43		12/06/2024	1433
7782-49-2	Selenium	0.29	J	12/06/2024	1433
7440-22-4	Silver	0.11	J	12/06/2024	1433
7440-28-0	Thallium	0.047	J	12/06/2024	1433
7440-32-6	Titanium	28		12/06/2024	1433
7440-62-2	Vanadium	16		12/06/2024	1433
7440-66-6	Zinc	87		12/06/2024	1433

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

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ME29E1

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-05

% Solids: 89.4 Date Received: 11/23/2024

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	0.16	J	12/06/2024	1436
7440-38-2	Arsenic	3.3	*	12/06/2024	1436
7440-39-3	Barium	5.4		12/06/2024	1436
7440-41-7	Beryllium	0.089	J	12/06/2024	1436
7440-43-9	Cadmium	0.47	U	12/06/2024	1436
7440-47-3	Chromium	3.2		12/06/2024	1436
7440-48-4	Cobalt	3.0		12/06/2024	1436
7440-50-8	Copper	6.3		12/06/2024	1436
7439-92-1	Lead	4.1	*	12/06/2024	1436
7439-96-5	Manganese	210		12/06/2024	1436
7440-02-0	Nickel	6.2		12/06/2024	1436
7782-49-2	Selenium	2.4	U	12/06/2024	1436
7440-22-4	Silver	0.47	U	12/06/2024	1436
7440-28-0	Thallium	0.042	J	12/06/2024	1436
7440-32-6	Titanium	24		12/06/2024	1436
7440-62-2	Vanadium	4.2		12/06/2024	1436
7440-66-6	Zinc	16		12/06/2024	1436

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

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ME29E2

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-06

% Solids: 89.4 Date Received: 11/23/2024

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	0.18	J	12/06/2024	1440
7440-38-2	Arsenic	3.5	*	12/06/2024	1440
7440-39-3	Barium	5.7		12/06/2024	1440
7440-41-7	Beryllium	0.095	J	12/06/2024	1440
7440-43-9	Cadmium	0.077	J	12/06/2024	1440
7440-47-3	Chromium	3.8		12/06/2024	1440
7440-48-4	Cobalt	3.1		12/06/2024	1440
7440-50-8	Copper	6.9		12/06/2024	1440
7439-92-1	Lead	4.0	*	12/06/2024	1440
7439-96-5	Manganese	220		12/06/2024	1440
7440-02-0	Nickel	6.9		12/06/2024	1440
7782-49-2	Selenium	2.2	U	12/06/2024	1440
7440-22-4	Silver	0.43	U	12/06/2024	1440
7440-28-0	Thallium	0.060	J	12/06/2024	1440
7440-32-6	Titanium	27		12/06/2024	1440
7440-62-2	Vanadium	4.9		12/06/2024	1440
7440-66-6	Zinc	18		12/06/2024	1440

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

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ME29E3

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-07

% Solids: 84.7 Date Received: 11/23/2024

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	0.11	J	12/06/2024	1443
7440-38-2	Arsenic	2.5	*	12/06/2024	1443
7440-39-3	Barium	5.0	J	12/06/2024	1443
7440-41-7	Beryllium	0.068	J	12/06/2024	1443
7440-43-9	Cadmium	0.52	U	12/06/2024	1443
7440-47-3	Chromium	3.3		12/06/2024	1443
7440-48-4	Cobalt	1.9		12/06/2024	1443
7440-50-8	Copper	5.0		12/06/2024	1443
7439-92-1	Lead	3.0	*	12/06/2024	1443
7439-96-5	Manganese	190		12/06/2024	1443
7440-02-0	Nickel	4.3		12/06/2024	1443
7782-49-2	Selenium	2.6	U	12/06/2024	1443
7440-22-4	Silver	0.52	U	12/06/2024	1443
7440-28-0	Thallium	0.037	J	12/06/2024	1443
7440-32-6	Titanium	24		12/06/2024	1443
7440-62-2	Vanadium	4.1		12/06/2024	1443
7440-66-6	Zinc	14		12/06/2024	1443

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

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ME29E4

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-08

% Solids: 86.4 Date Received: 11/23/2024

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	0.14	J	12/06/2024	1446
7440-38-2	Arsenic	13	*	12/06/2024	1446
7440-39-3	Barium	7.3		12/06/2024	1446
7440-41-7	Beryllium	0.083	J	12/06/2024	1446
7440-43-9	Cadmium	0.49	U	12/06/2024	1446
7440-47-3	Chromium	3.8		12/06/2024	1446
7440-48-4	Cobalt	3.2		12/06/2024	1446
7440-50-8	Copper	7.3		12/06/2024	1446
7439-92-1	Lead	3.2	*	12/06/2024	1446
7439-96-5	Manganese	280		12/06/2024	1446
7440-02-0	Nickel	6.4		12/06/2024	1446
7782-49-2	Selenium	2.4	U	12/06/2024	1446
7440-22-4	Silver	0.49	U	12/06/2024	1446
7440-28-0	Thallium	0.068	J	12/06/2024	1446
7440-32-6	Titanium	37		12/06/2024	1446
7440-62-2	Vanadium	5.5		12/06/2024	1446
7440-66-6	Zinc	20		12/06/2024	1446

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

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ME29E5

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-11

% Solids: 90.7 Date Received: 11/23/2024

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	0.11	J	12/06/2024	1458
7440-38-2	Arsenic	2.4	*	12/06/2024	1458
7440-39-3	Barium	8.4		12/06/2024	1458
7440-41-7	Beryllium	0.11	J	12/06/2024	1458
7440-43-9	Cadmium	0.50	U	12/06/2024	1458
7440-47-3	Chromium	4.5		12/06/2024	1458
7440-48-4	Cobalt	2.8		12/06/2024	1458
7440-50-8	Copper	6.5		12/06/2024	1458
7439-92-1	Lead	3.8	*	12/06/2024	1458
7439-96-5	Manganese	390		12/06/2024	1458
7440-02-0	Nickel	6.1		12/06/2024	1458
7782-49-2	Selenium	2.5	U	12/06/2024	1458
7440-22-4	Silver	0.50	U	12/06/2024	1458
7440-28-0	Thallium	0.50	U	12/06/2024	1458
7440-32-6	Titanium	33		12/06/2024	1458
7440-62-2	Vanadium	5.7		12/06/2024	1458
7440-66-6	Zinc	17		12/06/2024	1458

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

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ME29E6

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-12

% Solids: 90.9 Date Received: 11/23/2024

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	0.18	J	12/06/2024	1502
7440-38-2	Arsenic	3.8	*	12/06/2024	1502
7440-39-3	Barium	7.1		12/06/2024	1502
7440-41-7	Beryllium	0.089	J	12/06/2024	1502
7440-43-9	Cadmium	0.085	J	12/06/2024	1502
7440-47-3	Chromium	3.6		12/06/2024	1502
7440-48-4	Cobalt	2.7		12/06/2024	1502
7440-50-8	Copper	7.4		12/06/2024	1502
7439-92-1	Lead	4.0	*	12/06/2024	1502
7439-96-5	Manganese	200		12/06/2024	1502
7440-02-0	Nickel	6.3		12/06/2024	1502
7782-49-2	Selenium	2.1	U	12/06/2024	1502
7440-22-4	Silver	0.42	U	12/06/2024	1502
7440-28-0	Thallium	0.059	J	12/06/2024	1502
7440-32-6	Titanium	32		12/06/2024	1502
7440-62-2	Vanadium	5.8		12/06/2024	1502
7440-66-6	Zinc	23		12/06/2024	1502

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

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ME29E7

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-13

% Solids: 83 Date Received: 11/23/2024

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	0.15	J	12/06/2024	1505
7440-38-2	Arsenic	3.3	*	12/06/2024	1505
7440-39-3	Barium	9.0		12/06/2024	1505
7440-41-7	Beryllium	0.11	J	12/06/2024	1505
7440-43-9	Cadmium	0.087	J	12/06/2024	1505
7440-47-3	Chromium	3.4		12/06/2024	1505
7440-48-4	Cobalt	2.9		12/06/2024	1505
7440-50-8	Copper	9.6		12/06/2024	1505
7439-92-1	Lead	3.9	*	12/06/2024	1505
7439-96-5	Manganese	520		12/06/2024	1505
7440-02-0	Nickel	7.0		12/06/2024	1505
7782-49-2	Selenium	0.36	J	12/06/2024	1505
7440-22-4	Silver	0.51	U	12/06/2024	1505
7440-28-0	Thallium	0.066	J	12/06/2024	1505
7440-32-6	Titanium	28		12/06/2024	1505
7440-62-2	Vanadium	5.2		12/06/2024	1505
7440-66-6	Zinc	20		12/06/2024	1505

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

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ME29E8

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-14

% Solids: 91.6 Date Received: 11/23/2024

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	0.13	J	12/06/2024	1508
7440-38-2	Arsenic	3.2	*	12/06/2024	1508
7440-39-3	Barium	6.9		12/06/2024	1508
7440-41-7	Beryllium	0.086	J	12/06/2024	1508
7440-43-9	Cadmium	0.077	J	12/06/2024	1508
7440-47-3	Chromium	5.0		12/06/2024	1508
7440-48-4	Cobalt	2.6		12/06/2024	1508
7440-50-8	Copper	6.9		12/06/2024	1508
7439-92-1	Lead	3.8	*	12/06/2024	1508
7439-96-5	Manganese	210		12/06/2024	1508
7440-02-0	Nickel	6.7		12/06/2024	1508
7782-49-2	Selenium	2.3	U	12/06/2024	1508
7440-22-4	Silver	0.45	U	12/06/2024	1508
7440-28-0	Thallium	0.032	J	12/06/2024	1508
7440-32-6	Titanium	33		12/06/2024	1508
7440-62-2	Vanadium	6.1		12/06/2024	1508
7440-66-6	Zinc	35		12/06/2024	1508

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

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ME29E9

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-15

% Solids: 91.7 Date Received: 11/23/2024

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	0.11	J	12/06/2024	1511
7440-38-2	Arsenic	2.8	*	12/06/2024	1511
7440-39-3	Barium	8.5		12/06/2024	1511
7440-41-7	Beryllium	0.081	J	12/06/2024	1511
7440-43-9	Cadmium	0.40	U	12/06/2024	1511
7440-47-3	Chromium	4.4		12/06/2024	1511
7440-48-4	Cobalt	2.9		12/06/2024	1511
7440-50-8	Copper	6.8		12/06/2024	1511
7439-92-1	Lead	3.2	*	12/06/2024	1511
7439-96-5	Manganese	180		12/06/2024	1511
7440-02-0	Nickel	6.5		12/06/2024	1511
7782-49-2	Selenium	2.0	U	12/06/2024	1511
7440-22-4	Silver	0.40	U	12/06/2024	1511
7440-28-0	Thallium	0.032	J	12/06/2024	1511
7440-32-6	Titanium	36		12/06/2024	1511
7440-62-2	Vanadium	6.8		12/06/2024	1511
7440-66-6	Zinc	24		12/06/2024	1511

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29F0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7
 Matrix: SOIL Lab Sample ID: P4976-16
 % Solids: 87 Date Received: 11/23/2024
 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	0.11	J	12/06/2024	1514
7440-38-2	Arsenic	3.6	*	12/06/2024	1514
7440-39-3	Barium	7.8		12/06/2024	1514
7440-41-7	Beryllium	0.082	J	12/06/2024	1514
7440-43-9	Cadmium	0.51	U	12/06/2024	1514
7440-47-3	Chromium	2.9		12/06/2024	1514
7440-48-4	Cobalt	2.4		12/06/2024	1514
7440-50-8	Copper	6.3		12/06/2024	1514
7439-92-1	Lead	3.2	*	12/06/2024	1514
7439-96-5	Manganese	170		12/06/2024	1514
7440-02-0	Nickel	5.3		12/06/2024	1514
7782-49-2	Selenium	2.6	U	12/06/2024	1514
7440-22-4	Silver	0.51	U	12/06/2024	1514
7440-28-0	Thallium	0.51	U	12/06/2024	1514
7440-32-6	Titanium	23		12/06/2024	1514
7440-62-2	Vanadium	4.0		12/06/2024	1514
7440-66-6	Zinc	17		12/06/2024	1514

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29F1

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-17

% Solids: 84.7 Date Received: 11/23/2024

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	0.12	J	12/06/2024	1517
7440-38-2	Arsenic	4.0	*	12/06/2024	1517
7440-39-3	Barium	7.9		12/06/2024	1517
7440-41-7	Beryllium	0.088	J	12/06/2024	1517
7440-43-9	Cadmium	0.49	U	12/06/2024	1517
7440-47-3	Chromium	3.0		12/06/2024	1517
7440-48-4	Cobalt	2.5		12/06/2024	1517
7440-50-8	Copper	6.3		12/06/2024	1517
7439-92-1	Lead	3.4	*	12/06/2024	1517
7439-96-5	Manganese	180		12/06/2024	1517
7440-02-0	Nickel	5.5		12/06/2024	1517
7782-49-2	Selenium	2.4	U	12/06/2024	1517
7440-22-4	Silver	0.49	U	12/06/2024	1517
7440-28-0	Thallium	0.49	U	12/06/2024	1517
7440-32-6	Titanium	24		12/06/2024	1517
7440-62-2	Vanadium	4.4		12/06/2024	1517
7440-66-6	Zinc	18		12/06/2024	1517

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29F2

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-18

% Solids: 89.7 Date Received: 11/23/2024

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	0.12	J	12/06/2024	1521
7440-38-2	Arsenic	2.5	*	12/06/2024	1521
7440-39-3	Barium	7.1		12/06/2024	1521
7440-41-7	Beryllium	0.097	J	12/06/2024	1521
7440-43-9	Cadmium	0.084	J	12/06/2024	1521
7440-47-3	Chromium	4.2		12/06/2024	1521
7440-48-4	Cobalt	2.5		12/06/2024	1521
7440-50-8	Copper	8.5		12/06/2024	1521
7439-92-1	Lead	4.0	*	12/06/2024	1521
7439-96-5	Manganese	190		12/06/2024	1521
7440-02-0	Nickel	6.3		12/06/2024	1521
7782-49-2	Selenium	1.5	J	12/06/2024	1521
7440-22-4	Silver	0.44	U	12/06/2024	1521
7440-28-0	Thallium	0.035	J	12/06/2024	1521
7440-32-6	Titanium	29		12/06/2024	1521
7440-62-2	Vanadium	6.3		12/06/2024	1521
7440-66-6	Zinc	23		12/06/2024	1521

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

Comments:

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ME29F3

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-19

% Solids: 82.8 Date Received: 11/23/2024

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	0.089	J	12/06/2024	1524
7440-38-2	Arsenic	1.3	*	12/06/2024	1524
7440-39-3	Barium	7.0		12/06/2024	1524
7440-41-7	Beryllium	0.072	J	12/06/2024	1524
7440-43-9	Cadmium	0.45	U	12/06/2024	1524
7440-47-3	Chromium	3.0		12/06/2024	1524
7440-48-4	Cobalt	2.3		12/06/2024	1524
7440-50-8	Copper	5.0		12/06/2024	1524
7439-92-1	Lead	2.6	*	12/06/2024	1524
7439-96-5	Manganese	160		12/06/2024	1524
7440-02-0	Nickel	4.6		12/06/2024	1524
7782-49-2	Selenium	2.2	U	12/06/2024	1524
7440-22-4	Silver	0.45	U	12/06/2024	1524
7440-28-0	Thallium	0.45	U	12/06/2024	1524
7440-32-6	Titanium	28		12/06/2024	1524
7440-62-2	Vanadium	3.8		12/06/2024	1524
7440-66-6	Zinc	16		12/06/2024	1524

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29F4

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-20

% Solids: 95.4 Date Received: 11/23/2024

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	0.14	J	12/06/2024	1527
7440-38-2	Arsenic	2.7	*	12/06/2024	1527
7440-39-3	Barium	4.5		12/06/2024	1527
7440-41-7	Beryllium	0.076	J	12/06/2024	1527
7440-43-9	Cadmium	0.45	U	12/06/2024	1527
7440-47-3	Chromium	3.4		12/06/2024	1527
7440-48-4	Cobalt	2.7		12/06/2024	1527
7440-50-8	Copper	5.7		12/06/2024	1527
7439-92-1	Lead	3.1	*	12/06/2024	1527
7439-96-5	Manganese	180		12/06/2024	1527
7440-02-0	Nickel	5.6		12/06/2024	1527
7782-49-2	Selenium	2.2	U	12/06/2024	1527
7440-22-4	Silver	0.45	U	12/06/2024	1527
7440-28-0	Thallium	0.036	J	12/06/2024	1527
7440-32-6	Titanium	21		12/06/2024	1527
7440-62-2	Vanadium	4.3		12/06/2024	1527
7440-66-6	Zinc	16		12/06/2024	1527

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME29F5

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

Lab Code: ACE Case No.: 51759 MA No. : 3227.1 SDG No.: ME29D7

Matrix: SOIL Lab Sample ID: P4976-21

% Solids: 87 Date Received: 11/23/2024

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	0.16	J	12/06/2024	1530
7440-38-2	Arsenic	3.1	*	12/06/2024	1530
7440-39-3	Barium	5.0		12/06/2024	1530
7440-41-7	Beryllium	0.088	J	12/06/2024	1530
7440-43-9	Cadmium	0.49	U	12/06/2024	1530
7440-47-3	Chromium	3.7		12/06/2024	1530
7440-48-4	Cobalt	2.9		12/06/2024	1530
7440-50-8	Copper	6.9		12/06/2024	1530
7439-92-1	Lead	3.3	*	12/06/2024	1530
7439-96-5	Manganese	170		12/06/2024	1530
7440-02-0	Nickel	6.4		12/06/2024	1530
7782-49-2	Selenium	2.4	U	12/06/2024	1530
7440-22-4	Silver	0.49	U	12/06/2024	1530
7440-28-0	Thallium	0.034	J	12/06/2024	1530
7440-32-6	Titanium	22		12/06/2024	1530
7440-62-2	Vanadium	4.3		12/06/2024	1530
7440-66-6	Zinc	26		12/06/2024	1530

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

Comments: