

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ39

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-01

% Solids: 97.6 Date Received: 12/06/2024

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	0.082	J	12/13/2024	1744
7440-38-2	Arsenic	28		12/13/2024	1744
7440-39-3	Barium	190		12/13/2024	1744
7440-41-7	Beryllium	0.55		12/13/2024	1744
7440-43-9	Cadmium	0.77		12/13/2024	1744
7440-47-3	Chromium	19		12/13/2024	1744
7440-48-4	Cobalt	12		12/13/2024	1744
7440-50-8	Copper	45		12/13/2024	1744
7439-92-1	Lead	50		12/13/2024	1744
7440-02-0	Nickel	19		12/13/2024	1744
7782-49-2	Selenium	2.2	U	12/13/2024	1744
7440-22-4	Silver	0.20	J*	12/13/2024	1744
7440-28-0	Thallium	0.13	J	12/13/2024	1744
7440-62-2	Vanadium	32		12/13/2024	1744
7440-66-6	Zinc	180		12/13/2024	1744

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

Comments:

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MYCZ40

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-02

% Solids: 98 Date Received: 12/06/2024

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	0.080	J	12/13/2024	1747
7440-38-2	Arsenic	20		12/13/2024	1747
7440-39-3	Barium	180		12/13/2024	1747
7440-41-7	Beryllium	0.53		12/13/2024	1747
7440-43-9	Cadmium	0.68		12/13/2024	1747
7440-47-3	Chromium	17		12/13/2024	1747
7440-48-4	Cobalt	11		12/13/2024	1747
7440-50-8	Copper	48		12/13/2024	1747
7439-92-1	Lead	77		12/13/2024	1747
7440-02-0	Nickel	17		12/13/2024	1747
7782-49-2	Selenium	2.0	U	12/13/2024	1747
7440-22-4	Silver	0.19	J*	12/13/2024	1747
7440-28-0	Thallium	0.11	J	12/13/2024	1747
7440-62-2	Vanadium	31		12/13/2024	1747
7440-66-6	Zinc	150		12/13/2024	1747

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

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MYCZ41

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-03

% Solids: 97.6 Date Received: 12/06/2024

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	0.096	J	12/13/2024	1750
7440-38-2	Arsenic	33		12/13/2024	1750
7440-39-3	Barium	160		12/13/2024	1750
7440-41-7	Beryllium	0.53		12/13/2024	1750
7440-43-9	Cadmium	1.0		12/13/2024	1750
7440-47-3	Chromium	16		12/13/2024	1750
7440-48-4	Cobalt	12		12/13/2024	1750
7440-50-8	Copper	69		12/13/2024	1750
7439-92-1	Lead	72		12/13/2024	1750
7440-02-0	Nickel	19		12/13/2024	1750
7782-49-2	Selenium	0.27	J	12/13/2024	1750
7440-22-4	Silver	0.30	J*	12/13/2024	1750
7440-28-0	Thallium	0.13	J	12/13/2024	1750
7440-62-2	Vanadium	34		12/13/2024	1750
7440-66-6	Zinc	220		12/13/2024	1750

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

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MYCZ42

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-04

% Solids: 98.5 Date Received: 12/06/2024

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	12/13/2024	1753
7440-38-2	Arsenic	22		12/13/2024	1753
7440-39-3	Barium	170		12/13/2024	1753
7440-41-7	Beryllium	0.48		12/13/2024	1753
7440-43-9	Cadmium	0.74		12/13/2024	1753
7440-47-3	Chromium	15		12/13/2024	1753
7440-48-4	Cobalt	10		12/13/2024	1753
7440-50-8	Copper	50		12/13/2024	1753
7439-92-1	Lead	58		12/13/2024	1753
7440-02-0	Nickel	16		12/13/2024	1753
7782-49-2	Selenium	2.2	U	12/13/2024	1753
7440-22-4	Silver	0.20	J*	12/13/2024	1753
7440-28-0	Thallium	0.12	J	12/13/2024	1753
7440-62-2	Vanadium	30		12/13/2024	1753
7440-66-6	Zinc	160		12/13/2024	1753

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

Comments:

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MYCZ43

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-05

% Solids: 97.8 Date Received: 12/06/2024

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	0.072	J	12/13/2024	1756
7440-38-2	Arsenic	230		12/13/2024	1756
7440-39-3	Barium	170		12/13/2024	1756
7440-41-7	Beryllium	0.53		12/13/2024	1756
7440-43-9	Cadmium	0.65		12/13/2024	1756
7440-47-3	Chromium	17		12/13/2024	1756
7440-48-4	Cobalt	11		12/13/2024	1756
7440-50-8	Copper	42		12/13/2024	1756
7439-92-1	Lead	57		12/13/2024	1756
7440-02-0	Nickel	18		12/13/2024	1756
7782-49-2	Selenium	2.0	U	12/13/2024	1756
7440-22-4	Silver	0.16	J*	12/13/2024	1756
7440-28-0	Thallium	0.11	J	12/13/2024	1756
7440-62-2	Vanadium	33		12/13/2024	1756
7440-66-6	Zinc	130		12/13/2024	1756

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

Comments:

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MYCZ44

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-06

% Solids: 98.6 Date Received: 12/06/2024

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	0.11	J	12/13/2024	1800
7440-38-2	Arsenic	21		12/13/2024	1800
7440-39-3	Barium	110		12/13/2024	1800
7440-41-7	Beryllium	0.40		12/13/2024	1800
7440-43-9	Cadmium	0.54		12/13/2024	1800
7440-47-3	Chromium	13		12/13/2024	1800
7440-48-4	Cobalt	9.1		12/13/2024	1800
7440-50-8	Copper	40		12/13/2024	1800
7439-92-1	Lead	33		12/13/2024	1800
7440-02-0	Nickel	13		12/13/2024	1800
7782-49-2	Selenium	2.0	U	12/13/2024	1800
7440-22-4	Silver	0.13	J*	12/13/2024	1800
7440-28-0	Thallium	0.087	J	12/13/2024	1800
7440-62-2	Vanadium	29		12/13/2024	1800
7440-66-6	Zinc	130		12/13/2024	1800

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

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MYCZ45

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-07

% Solids: 98.3 Date Received: 12/06/2024

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	0.037	J	12/13/2024	1803
7440-38-2	Arsenic	13		12/13/2024	1803
7440-39-3	Barium	150		12/13/2024	1803
7440-41-7	Beryllium	0.47		12/13/2024	1803
7440-43-9	Cadmium	0.62		12/13/2024	1803
7440-47-3	Chromium	14		12/13/2024	1803
7440-48-4	Cobalt	9.4		12/13/2024	1803
7440-50-8	Copper	47		12/13/2024	1803
7439-92-1	Lead	190		12/13/2024	1803
7440-02-0	Nickel	16		12/13/2024	1803
7782-49-2	Selenium	2.1	U	12/13/2024	1803
7440-22-4	Silver	0.18	J*	12/13/2024	1803
7440-28-0	Thallium	0.082	J	12/13/2024	1803
7440-62-2	Vanadium	28		12/13/2024	1803
7440-66-6	Zinc	160		12/13/2024	1803

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

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MYCZ46

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-08

% Solids: 98.9 Date Received: 12/06/2024

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	0.33	J	12/13/2024	1806
7440-38-2	Arsenic	14		12/13/2024	1806
7440-39-3	Barium	120		12/13/2024	1806
7440-41-7	Beryllium	0.40	J	12/13/2024	1806
7440-43-9	Cadmium	0.38	J	12/13/2024	1806
7440-47-3	Chromium	12		12/13/2024	1806
7440-48-4	Cobalt	8.3		12/13/2024	1806
7440-50-8	Copper	25		12/13/2024	1806
7439-92-1	Lead	30		12/13/2024	1806
7440-02-0	Nickel	13		12/13/2024	1806
7782-49-2	Selenium	2.1	U	12/13/2024	1806
7440-22-4	Silver	0.076	J*	12/13/2024	1806
7440-28-0	Thallium	0.081	J	12/13/2024	1806
7440-62-2	Vanadium	25		12/13/2024	1806
7440-66-6	Zinc	100		12/13/2024	1806

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZ47

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-09

% Solids: 99 Date Received: 12/06/2024

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	0.038	J	12/13/2024	1809
7440-38-2	Arsenic	13		12/13/2024	1809
7440-39-3	Barium	110		12/13/2024	1809
7440-41-7	Beryllium	0.36	J	12/13/2024	1809
7440-43-9	Cadmium	0.37	J	12/13/2024	1809
7440-47-3	Chromium	12		12/13/2024	1809
7440-48-4	Cobalt	8.7		12/13/2024	1809
7440-50-8	Copper	25		12/13/2024	1809
7439-92-1	Lead	32		12/13/2024	1809
7440-02-0	Nickel	14		12/13/2024	1809
7782-49-2	Selenium	2.4	U	12/13/2024	1809
7440-22-4	Silver	0.071	J*	12/13/2024	1809
7440-28-0	Thallium	0.080	J	12/13/2024	1809
7440-62-2	Vanadium	26		12/13/2024	1809
7440-66-6	Zinc	100		12/13/2024	1809

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

Comments:

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MYCZ48

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-10

% Solids: 99.2 Date Received: 12/06/2024

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	0.039	J	12/13/2024	1812
7440-38-2	Arsenic	11		12/13/2024	1812
7440-39-3	Barium	100		12/13/2024	1812
7440-41-7	Beryllium	0.31	J	12/13/2024	1812
7440-43-9	Cadmium	0.39	J	12/13/2024	1812
7440-47-3	Chromium	9.2		12/13/2024	1812
7440-48-4	Cobalt	7.0		12/13/2024	1812
7440-50-8	Copper	24		12/13/2024	1812
7439-92-1	Lead	21		12/13/2024	1812
7440-02-0	Nickel	12		12/13/2024	1812
7782-49-2	Selenium	2.2	U	12/13/2024	1812
7440-22-4	Silver	0.065	J*	12/13/2024	1812
7440-28-0	Thallium	0.069	J	12/13/2024	1812
7440-62-2	Vanadium	21		12/13/2024	1812
7440-66-6	Zinc	82		12/13/2024	1812

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZ49

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-11

% Solids: 97.7 Date Received: 12/06/2024

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	0.058	J	12/13/2024	1815
7440-38-2	Arsenic	16		12/13/2024	1815
7440-39-3	Barium	170		12/13/2024	1815
7440-41-7	Beryllium	0.53		12/13/2024	1815
7440-43-9	Cadmium	0.75		12/13/2024	1815
7440-47-3	Chromium	15		12/13/2024	1815
7440-48-4	Cobalt	11		12/13/2024	1815
7440-50-8	Copper	70		12/13/2024	1815
7439-92-1	Lead	72		12/13/2024	1815
7440-02-0	Nickel	17		12/13/2024	1815
7782-49-2	Selenium	2.2	U	12/13/2024	1815
7440-22-4	Silver	0.21	J*	12/13/2024	1815
7440-28-0	Thallium	0.10	J	12/13/2024	1815
7440-62-2	Vanadium	29		12/13/2024	1815
7440-66-6	Zinc	140		12/13/2024	1815

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

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MYCZ50

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-12

% Solids: 98.5 Date Received: 12/06/2024

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	12/13/2024	1818
7440-38-2	Arsenic	32		12/13/2024	1818
7440-39-3	Barium	240		12/13/2024	1818
7440-41-7	Beryllium	0.36	J	12/13/2024	1818
7440-43-9	Cadmium	0.64		12/13/2024	1818
7440-47-3	Chromium	44		12/13/2024	1818
7440-48-4	Cobalt	34		12/13/2024	1818
7440-50-8	Copper	100		12/13/2024	1818
7439-92-1	Lead	37		12/13/2024	1818
7440-02-0	Nickel	36		12/13/2024	1818
7782-49-2	Selenium	2.3	U	12/13/2024	1818
7440-22-4	Silver	0.12	J*	12/13/2024	1818
7440-28-0	Thallium	0.12	J	12/13/2024	1818
7440-62-2	Vanadium	70		12/13/2024	1818
7440-66-6	Zinc	130		12/13/2024	1818

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

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MYCZ51

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-13

% Solids: 96.8 Date Received: 12/06/2024

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	0.44	J	12/13/2024	1821
7440-38-2	Arsenic	37		12/13/2024	1821
7440-39-3	Barium	230		12/13/2024	1821
7440-41-7	Beryllium	0.68		12/13/2024	1821
7440-43-9	Cadmium	0.96		12/13/2024	1821
7440-47-3	Chromium	24		12/13/2024	1821
7440-48-4	Cobalt	14		12/13/2024	1821
7440-50-8	Copper	51		12/13/2024	1821
7439-92-1	Lead	65		12/13/2024	1821
7440-02-0	Nickel	25		12/13/2024	1821
7782-49-2	Selenium	0.31	J	12/13/2024	1821
7440-22-4	Silver	0.31	J*	12/13/2024	1821
7440-28-0	Thallium	0.13	J	12/13/2024	1821
7440-62-2	Vanadium	47		12/13/2024	1821
7440-66-6	Zinc	250		12/13/2024	1821

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYCZ52

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-14

% Solids: 98.1 Date Received: 12/06/2024

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	0.16	J	12/13/2024	1824
7440-38-2	Arsenic	25		12/13/2024	1824
7440-39-3	Barium	150		12/13/2024	1824
7440-41-7	Beryllium	0.48		12/13/2024	1824
7440-43-9	Cadmium	0.66		12/13/2024	1824
7440-47-3	Chromium	17		12/13/2024	1824
7440-48-4	Cobalt	12		12/13/2024	1824
7440-50-8	Copper	45		12/13/2024	1824
7439-92-1	Lead	45		12/13/2024	1824
7440-02-0	Nickel	15		12/13/2024	1824
7782-49-2	Selenium	1.7	U	12/13/2024	1824
7440-22-4	Silver	0.16	J*	12/13/2024	1824
7440-28-0	Thallium	0.097	J	12/13/2024	1824
7440-62-2	Vanadium	48		12/13/2024	1824
7440-66-6	Zinc	170		12/13/2024	1824

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

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INORGANIC ANALYSIS DATA SHEET

MYCZ53

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-15

% Solids: 98.7 Date Received: 12/06/2024

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	0.13	J	12/13/2024	1827
7440-38-2	Arsenic	22		12/13/2024	1827
7440-39-3	Barium	110		12/13/2024	1827
7440-41-7	Beryllium	0.40	J	12/13/2024	1827
7440-43-9	Cadmium	0.35	J	12/13/2024	1827
7440-47-3	Chromium	15		12/13/2024	1827
7440-48-4	Cobalt	9.1		12/13/2024	1827
7440-50-8	Copper	27		12/13/2024	1827
7439-92-1	Lead	21		12/13/2024	1827
7440-02-0	Nickel	14		12/13/2024	1827
7782-49-2	Selenium	2.2	U	12/13/2024	1827
7440-22-4	Silver	0.078	J*	12/13/2024	1827
7440-28-0	Thallium	0.087	J	12/13/2024	1827
7440-62-2	Vanadium	35		12/13/2024	1827
7440-66-6	Zinc	88		12/13/2024	1827

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ54

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-16

% Solids: 98.8 Date Received: 12/06/2024

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	0.31	J	12/13/2024	1830
7440-38-2	Arsenic	35		12/13/2024	1830
7440-39-3	Barium	160		12/13/2024	1830
7440-41-7	Beryllium	0.48		12/13/2024	1830
7440-43-9	Cadmium	0.83		12/13/2024	1830
7440-47-3	Chromium	23		12/13/2024	1830
7440-48-4	Cobalt	14		12/13/2024	1830
7440-50-8	Copper	60		12/13/2024	1830
7439-92-1	Lead	170		12/13/2024	1830
7440-02-0	Nickel	18		12/13/2024	1830
7782-49-2	Selenium	0.33	J	12/13/2024	1830
7440-22-4	Silver	0.23	J*	12/13/2024	1830
7440-28-0	Thallium	0.13	J	12/13/2024	1830
7440-62-2	Vanadium	55		12/13/2024	1830
7440-66-6	Zinc	230		12/13/2024	1830

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ55

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-17

% Solids: 96.2 Date Received: 12/06/2024

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	0.31	J	12/13/2024	1833
7440-38-2	Arsenic	29		12/13/2024	1833
7440-39-3	Barium	140		12/13/2024	1833
7440-41-7	Beryllium	0.47		12/13/2024	1833
7440-43-9	Cadmium	0.62		12/13/2024	1833
7440-47-3	Chromium	23		12/13/2024	1833
7440-48-4	Cobalt	14		12/13/2024	1833
7440-50-8	Copper	51		12/13/2024	1833
7439-92-1	Lead	46		12/13/2024	1833
7440-02-0	Nickel	18		12/13/2024	1833
7782-49-2	Selenium	2.3	U	12/13/2024	1833
7440-22-4	Silver	0.23	J*	12/13/2024	1833
7440-28-0	Thallium	0.12	J	12/13/2024	1833
7440-62-2	Vanadium	53		12/13/2024	1833
7440-66-6	Zinc	220		12/13/2024	1833

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ56

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-18

% Solids: 99.2 Date Received: 12/06/2024

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	12/13/2024	1836
7440-38-2	Arsenic	25		12/13/2024	1836
7440-39-3	Barium	130		12/13/2024	1836
7440-41-7	Beryllium	0.49		12/13/2024	1836
7440-43-9	Cadmium	0.48		12/13/2024	1836
7440-47-3	Chromium	23		12/13/2024	1836
7440-48-4	Cobalt	20		12/13/2024	1836
7440-50-8	Copper	37		12/13/2024	1836
7439-92-1	Lead	20		12/13/2024	1836
7440-02-0	Nickel	19		12/13/2024	1836
7782-49-2	Selenium	1.9	U	12/13/2024	1836
7440-22-4	Silver	0.064	J*	12/13/2024	1836
7440-28-0	Thallium	0.11	J	12/13/2024	1836
7440-62-2	Vanadium	57		12/13/2024	1836
7440-66-6	Zinc	94		12/13/2024	1836

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ57

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-19

% Solids: 98.4 Date Received: 12/06/2024

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	12/13/2024	1839
7440-38-2	Arsenic	26		12/13/2024	1839
7440-39-3	Barium	130		12/13/2024	1839
7440-41-7	Beryllium	0.49		12/13/2024	1839
7440-43-9	Cadmium	0.56		12/13/2024	1839
7440-47-3	Chromium	22		12/13/2024	1839
7440-48-4	Cobalt	15		12/13/2024	1839
7440-50-8	Copper	39		12/13/2024	1839
7439-92-1	Lead	22		12/13/2024	1839
7440-02-0	Nickel	18		12/13/2024	1839
7782-49-2	Selenium	2.4	U	12/13/2024	1839
7440-22-4	Silver	0.071	J*	12/13/2024	1839
7440-28-0	Thallium	0.11	J	12/13/2024	1839
7440-62-2	Vanadium	58		12/13/2024	1839
7440-66-6	Zinc	100		12/13/2024	1839

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ58

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ39

Matrix: SOIL Lab Sample ID: P5173-20

% Solids: 99.3 Date Received: 12/06/2024

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	0.34	J	12/18/2024	1611
7440-38-2	Arsenic	45		12/18/2024	1611
7440-39-3	Barium	130	D	12/18/2024	1734
7440-41-7	Beryllium	0.50		12/18/2024	1611
7440-43-9	Cadmium	0.68		12/18/2024	1611
7440-47-3	Chromium	25		12/18/2024	1611
7440-48-4	Cobalt	18	D	12/18/2024	1734
7440-50-8	Copper	49		12/18/2024	1611
7439-92-1	Lead	65		12/18/2024	1611
7440-02-0	Nickel	21	D	12/18/2024	1734
7782-49-2	Selenium	0.46	J	12/18/2024	1611
7440-22-4	Silver	0.27	J*	12/18/2024	1611
7440-28-0	Thallium	0.14	J	12/18/2024	1611
7440-62-2	Vanadium	63	D	12/18/2024	1734
7440-66-6	Zinc	180		12/18/2024	1611

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

Comments:
