

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ19

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-01

% Solids: 98.2 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	0.19	J	12/13/2024	1640
7440-38-2	Arsenic	30	*	12/13/2024	1640
7440-39-3	Barium	140		12/13/2024	1640
7440-41-7	Beryllium	0.61		12/13/2024	1640
7440-43-9	Cadmium	0.35	J*	12/13/2024	1640
7440-47-3	Chromium	17		12/13/2024	1640
7440-48-4	Cobalt	15	*	12/13/2024	1640
7440-50-8	Copper	33	*	12/13/2024	1640
7439-92-1	Lead	16	*	12/13/2024	1640
7440-02-0	Nickel	17	*	12/13/2024	1640
7782-49-2	Selenium	2.1	U	12/13/2024	1640
7440-22-4	Silver	0.088	J*	12/13/2024	1640
7440-28-0	Thallium	0.14	J	12/13/2024	1640
7440-62-2	Vanadium	55	*	12/13/2024	1640
7440-66-6	Zinc	100		12/13/2024	1640

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

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MYCZ20

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-02

% 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	0.14	J	12/13/2024	1643
7440-38-2	Arsenic	32	*	12/13/2024	1643
7440-39-3	Barium	140		12/13/2024	1643
7440-41-7	Beryllium	0.59		12/13/2024	1643
7440-43-9	Cadmium	0.34	J*	12/13/2024	1643
7440-47-3	Chromium	18		12/13/2024	1643
7440-48-4	Cobalt	15	*	12/13/2024	1643
7440-50-8	Copper	31	*	12/13/2024	1643
7439-92-1	Lead	17	*	12/13/2024	1643
7440-02-0	Nickel	16	*	12/13/2024	1643
7782-49-2	Selenium	2.0	U	12/13/2024	1643
7440-22-4	Silver	0.077	J*	12/13/2024	1643
7440-28-0	Thallium	0.13	J	12/13/2024	1643
7440-62-2	Vanadium	54	*	12/13/2024	1643
7440-66-6	Zinc	110		12/13/2024	1643

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

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MYCZ21

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-03

% Solids: 98.2 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	0.38	J	12/13/2024	1646
7440-38-2	Arsenic	69	*	12/13/2024	1646
7440-39-3	Barium	120		12/13/2024	1646
7440-41-7	Beryllium	0.57		12/13/2024	1646
7440-43-9	Cadmium	0.93	*	12/13/2024	1646
7440-47-3	Chromium	19		12/13/2024	1646
7440-48-4	Cobalt	19	*	12/13/2024	1646
7440-50-8	Copper	64	*	12/13/2024	1646
7439-92-1	Lead	60	*	12/13/2024	1646
7440-02-0	Nickel	18	*	12/13/2024	1646
7782-49-2	Selenium	0.46	J	12/13/2024	1646
7440-22-4	Silver	0.31	J*	12/13/2024	1646
7440-28-0	Thallium	0.13	J	12/13/2024	1646
7440-62-2	Vanadium	76	*	12/13/2024	1646
7440-66-6	Zinc	230		12/13/2024	1646

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

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MYCZ22

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-04

% Solids: 97.9 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	0.39	J	12/13/2024	1649
7440-38-2	Arsenic	80	*	12/13/2024	1649
7440-39-3	Barium	120		12/13/2024	1649
7440-41-7	Beryllium	0.48		12/13/2024	1649
7440-43-9	Cadmium	0.58	*	12/13/2024	1649
7440-47-3	Chromium	16		12/13/2024	1649
7440-48-4	Cobalt	12	*	12/13/2024	1649
7440-50-8	Copper	34	*	12/13/2024	1649
7439-92-1	Lead	45	*	12/13/2024	1649
7440-02-0	Nickel	15	*	12/13/2024	1649
7782-49-2	Selenium	0.29	J	12/13/2024	1649
7440-22-4	Silver	0.23	J*	12/13/2024	1649
7440-28-0	Thallium	0.13	J	12/13/2024	1649
7440-62-2	Vanadium	49	*	12/13/2024	1649
7440-66-6	Zinc	200		12/13/2024	1649

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

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MYCZ23

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-05

% 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	0.28	J	12/13/2024	1652
7440-38-2	Arsenic	75	*	12/13/2024	1652
7440-39-3	Barium	110		12/13/2024	1652
7440-41-7	Beryllium	0.54		12/13/2024	1652
7440-43-9	Cadmium	1.0	*	12/13/2024	1652
7440-47-3	Chromium	17		12/13/2024	1652
7440-48-4	Cobalt	14	*	12/13/2024	1652
7440-50-8	Copper	49	*	12/13/2024	1652
7439-92-1	Lead	62	*	12/13/2024	1652
7440-02-0	Nickel	16	*	12/13/2024	1652
7782-49-2	Selenium	0.34	J	12/13/2024	1652
7440-22-4	Silver	0.29	J*	12/13/2024	1652
7440-28-0	Thallium	0.13	J	12/13/2024	1652
7440-62-2	Vanadium	56	*	12/13/2024	1652
7440-66-6	Zinc	270		12/13/2024	1652

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

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MYCZ24

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-06

% 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	0.36	J	12/13/2024	1656
7440-38-2	Arsenic	64	*	12/13/2024	1656
7440-39-3	Barium	120		12/13/2024	1656
7440-41-7	Beryllium	0.57		12/13/2024	1656
7440-43-9	Cadmium	0.94	*	12/13/2024	1656
7440-47-3	Chromium	19		12/13/2024	1656
7440-48-4	Cobalt	18	*	12/13/2024	1656
7440-50-8	Copper	62	*	12/13/2024	1656
7439-92-1	Lead	53	*	12/13/2024	1656
7440-02-0	Nickel	17	*	12/13/2024	1656
7782-49-2	Selenium	0.53	J	12/13/2024	1656
7440-22-4	Silver	0.28	J*	12/13/2024	1656
7440-28-0	Thallium	0.13	J	12/13/2024	1656
7440-62-2	Vanadium	86	*	12/13/2024	1656
7440-66-6	Zinc	210		12/13/2024	1656

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

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MYCZ25

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-07

% Solids: 96.1 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	0.12	J	12/13/2024	1659
7440-38-2	Arsenic	40	*	12/13/2024	1659
7440-39-3	Barium	230		12/13/2024	1659
7440-41-7	Beryllium	0.83		12/13/2024	1659
7440-43-9	Cadmium	0.49	*	12/13/2024	1659
7440-47-3	Chromium	22		12/13/2024	1659
7440-48-4	Cobalt	14	*	12/13/2024	1659
7440-50-8	Copper	49	*	12/13/2024	1659
7439-92-1	Lead	31	*	12/13/2024	1659
7440-02-0	Nickel	18	*	12/13/2024	1659
7782-49-2	Selenium	0.33	J	12/13/2024	1659
7440-22-4	Silver	0.16	J*	12/13/2024	1659
7440-28-0	Thallium	0.16	J	12/13/2024	1659
7440-62-2	Vanadium	65	*	12/13/2024	1659
7440-66-6	Zinc	130		12/13/2024	1659

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

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MYCZ26

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-08

% Solids: 97.9 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	0.44	J	12/13/2024	1702
7440-38-2	Arsenic	120	*	12/13/2024	1702
7440-39-3	Barium	170		12/13/2024	1702
7440-41-7	Beryllium	0.61		12/13/2024	1702
7440-43-9	Cadmium	1.3	*	12/13/2024	1702
7440-47-3	Chromium	75		12/13/2024	1702
7440-48-4	Cobalt	15	*	12/13/2024	1702
7440-50-8	Copper	69	*	12/13/2024	1702
7439-92-1	Lead	91	*	12/13/2024	1702
7440-02-0	Nickel	37	*	12/13/2024	1702
7782-49-2	Selenium	0.82	J	12/13/2024	1702
7440-22-4	Silver	0.49	*	12/13/2024	1702
7440-28-0	Thallium	0.16	J	12/13/2024	1702
7440-62-2	Vanadium	66	*	12/13/2024	1702
7440-66-6	Zinc	370		12/13/2024	1702

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

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MYCZ27

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-09

% Solids: 97.1 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	0.38	J	12/13/2024	1705
7440-38-2	Arsenic	120	*	12/13/2024	1705
7440-39-3	Barium	170		12/13/2024	1705
7440-41-7	Beryllium	0.65		12/13/2024	1705
7440-43-9	Cadmium	1.4	*	12/13/2024	1705
7440-47-3	Chromium	20		12/13/2024	1705
7440-48-4	Cobalt	13	*	12/13/2024	1705
7440-50-8	Copper	59	*	12/13/2024	1705
7439-92-1	Lead	100	*	12/13/2024	1705
7440-02-0	Nickel	15	*	12/13/2024	1705
7782-49-2	Selenium	0.82	J	12/13/2024	1705
7440-22-4	Silver	0.52	*	12/13/2024	1705
7440-28-0	Thallium	0.16	J	12/13/2024	1705
7440-62-2	Vanadium	62	*	12/13/2024	1705
7440-66-6	Zinc	370		12/13/2024	1705

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

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MYCZ28

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-10

% Solids: 96.3 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	1708
7440-38-2	Arsenic	48	*	12/13/2024	1708
7440-39-3	Barium	270		12/13/2024	1708
7440-41-7	Beryllium	0.99		12/13/2024	1708
7440-43-9	Cadmium	0.51	*	12/13/2024	1708
7440-47-3	Chromium	23		12/13/2024	1708
7440-48-4	Cobalt	14	*	12/13/2024	1708
7440-50-8	Copper	46	*	12/13/2024	1708
7439-92-1	Lead	37	*	12/13/2024	1708
7440-02-0	Nickel	18	*	12/13/2024	1708
7782-49-2	Selenium	0.35	J	12/13/2024	1708
7440-22-4	Silver	0.18	J*	12/13/2024	1708
7440-28-0	Thallium	0.17	J	12/13/2024	1708
7440-62-2	Vanadium	72	*	12/13/2024	1708
7440-66-6	Zinc	140		12/13/2024	1708

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

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MYCZ29

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-11

% 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	0.37	J	12/13/2024	1711
7440-38-2	Arsenic	97	*	12/13/2024	1711
7440-39-3	Barium	140		12/13/2024	1711
7440-41-7	Beryllium	0.57		12/13/2024	1711
7440-43-9	Cadmium	1.2	*	12/13/2024	1711
7440-47-3	Chromium	18		12/13/2024	1711
7440-48-4	Cobalt	12	*	12/13/2024	1711
7440-50-8	Copper	57	*	12/13/2024	1711
7439-92-1	Lead	95	*	12/13/2024	1711
7440-02-0	Nickel	14	*	12/13/2024	1711
7782-49-2	Selenium	0.64	J	12/13/2024	1711
7440-22-4	Silver	0.41	J*	12/13/2024	1711
7440-28-0	Thallium	0.14	J	12/13/2024	1711
7440-62-2	Vanadium	51	*	12/13/2024	1711
7440-66-6	Zinc	340		12/13/2024	1711

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

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MYCZ30

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-12

% Solids: 98.2 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	0.28	J	12/13/2024	1714
7440-38-2	Arsenic	80	*	12/13/2024	1714
7440-39-3	Barium	130		12/13/2024	1714
7440-41-7	Beryllium	0.55		12/13/2024	1714
7440-43-9	Cadmium	1.0	*	12/13/2024	1714
7440-47-3	Chromium	19		12/13/2024	1714
7440-48-4	Cobalt	14	*	12/13/2024	1714
7440-50-8	Copper	51	*	12/13/2024	1714
7439-92-1	Lead	69	*	12/13/2024	1714
7440-02-0	Nickel	15	*	12/13/2024	1714
7782-49-2	Selenium	0.51	J	12/13/2024	1714
7440-22-4	Silver	0.31	J*	12/13/2024	1714
7440-28-0	Thallium	0.13	J	12/13/2024	1714
7440-62-2	Vanadium	55	*	12/13/2024	1714
7440-66-6	Zinc	310		12/13/2024	1714

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

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MYCZ31

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-13

% Solids: 96.9 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	0.19	J	12/13/2024	1723
7440-38-2	Arsenic	69	*	12/13/2024	1723
7440-39-3	Barium	230		12/13/2024	1723
7440-41-7	Beryllium	0.92		12/13/2024	1723
7440-43-9	Cadmium	0.91	*	12/13/2024	1723
7440-47-3	Chromium	21		12/13/2024	1723
7440-48-4	Cobalt	15	*	12/13/2024	1723
7440-50-8	Copper	58	*	12/13/2024	1723
7439-92-1	Lead	53	*	12/13/2024	1723
7440-02-0	Nickel	18	*	12/13/2024	1723
7782-49-2	Selenium	0.63	J	12/13/2024	1723
7440-22-4	Silver	0.27	J*	12/13/2024	1723
7440-28-0	Thallium	0.17	J	12/13/2024	1723
7440-62-2	Vanadium	70	*	12/13/2024	1723
7440-66-6	Zinc	220		12/13/2024	1723

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

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MYCZ32

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-14

% Solids: 97.3 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	0.40	J	12/13/2024	1726
7440-38-2	Arsenic	120	*	12/13/2024	1726
7440-39-3	Barium	180		12/13/2024	1726
7440-41-7	Beryllium	0.68		12/13/2024	1726
7440-43-9	Cadmium	1.2	*	12/13/2024	1726
7440-47-3	Chromium	19		12/13/2024	1726
7440-48-4	Cobalt	13	*	12/13/2024	1726
7440-50-8	Copper	62	*	12/13/2024	1726
7439-92-1	Lead	93	*	12/13/2024	1726
7440-02-0	Nickel	15	*	12/13/2024	1726
7782-49-2	Selenium	0.75	J	12/13/2024	1726
7440-22-4	Silver	0.48	*	12/13/2024	1726
7440-28-0	Thallium	0.16	J	12/13/2024	1726
7440-62-2	Vanadium	65	*	12/13/2024	1726
7440-66-6	Zinc	360		12/13/2024	1726

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

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MYCZ33

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-15

% 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	0.31	J	12/13/2024	1729
7440-38-2	Arsenic	78	*	12/13/2024	1729
7440-39-3	Barium	160		12/13/2024	1729
7440-41-7	Beryllium	0.66		12/13/2024	1729
7440-43-9	Cadmium	0.83	*	12/13/2024	1729
7440-47-3	Chromium	18		12/13/2024	1729
7440-48-4	Cobalt	14	*	12/13/2024	1729
7440-50-8	Copper	47	*	12/13/2024	1729
7439-92-1	Lead	64	*	12/13/2024	1729
7440-02-0	Nickel	15	*	12/13/2024	1729
7782-49-2	Selenium	0.37	J	12/13/2024	1729
7440-22-4	Silver	0.34	J*	12/13/2024	1729
7440-28-0	Thallium	0.14	J	12/13/2024	1729
7440-62-2	Vanadium	64	*	12/13/2024	1729
7440-66-6	Zinc	230		12/13/2024	1729

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

Comments:

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MYCZ34

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-16

% Solids: 98.1 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	0.35	J	12/13/2024	1732
7440-38-2	Arsenic	100	*	12/13/2024	1732
7440-39-3	Barium	150		12/13/2024	1732
7440-41-7	Beryllium	0.66		12/13/2024	1732
7440-43-9	Cadmium	1.1	*	12/13/2024	1732
7440-47-3	Chromium	20		12/13/2024	1732
7440-48-4	Cobalt	14	*	12/13/2024	1732
7440-50-8	Copper	49	*	12/13/2024	1732
7439-92-1	Lead	79	*	12/13/2024	1732
7440-02-0	Nickel	15	*	12/13/2024	1732
7782-49-2	Selenium	0.56	J	12/13/2024	1732
7440-22-4	Silver	0.42	*	12/13/2024	1732
7440-28-0	Thallium	0.15	J	12/13/2024	1732
7440-62-2	Vanadium	63	*	12/13/2024	1732
7440-66-6	Zinc	310		12/13/2024	1732

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ35

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-17

% Solids: 98.5 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	0.42	J	12/13/2024	1735
7440-38-2	Arsenic	120	*	12/13/2024	1735
7440-39-3	Barium	150		12/13/2024	1735
7440-41-7	Beryllium	0.64		12/13/2024	1735
7440-43-9	Cadmium	1.2	*	12/13/2024	1735
7440-47-3	Chromium	19		12/13/2024	1735
7440-48-4	Cobalt	15	*	12/13/2024	1735
7440-50-8	Copper	51	*	12/13/2024	1735
7439-92-1	Lead	93	*	12/13/2024	1735
7440-02-0	Nickel	15	*	12/13/2024	1735
7782-49-2	Selenium	0.91	J	12/13/2024	1735
7440-22-4	Silver	0.51	*	12/13/2024	1735
7440-28-0	Thallium	0.22	J	12/13/2024	1735
7440-62-2	Vanadium	62	*	12/13/2024	1735
7440-66-6	Zinc	330		12/13/2024	1735

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ36

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-18

% 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	0.32	J	12/13/2024	1738
7440-38-2	Arsenic	69	*	12/13/2024	1738
7440-39-3	Barium	220		12/13/2024	1738
7440-41-7	Beryllium	0.63		12/13/2024	1738
7440-43-9	Cadmium	0.78	*	12/13/2024	1738
7440-47-3	Chromium	19		12/13/2024	1738
7440-48-4	Cobalt	13	*	12/13/2024	1738
7440-50-8	Copper	47	*	12/13/2024	1738
7439-92-1	Lead	54	*	12/13/2024	1738
7440-02-0	Nickel	16	*	12/13/2024	1738
7782-49-2	Selenium	0.51	J	12/13/2024	1738
7440-22-4	Silver	0.24	J*	12/13/2024	1738
7440-28-0	Thallium	0.14	J	12/13/2024	1738
7440-62-2	Vanadium	59	*	12/13/2024	1738
7440-66-6	Zinc	220		12/13/2024	1738

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ37

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-19

% 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	0.26	J	12/13/2024	1741
7440-38-2	Arsenic	31	*	12/13/2024	1741
7440-39-3	Barium	160		12/13/2024	1741
7440-41-7	Beryllium	0.63		12/13/2024	1741
7440-43-9	Cadmium	0.88	*	12/13/2024	1741
7440-47-3	Chromium	22		12/13/2024	1741
7440-48-4	Cobalt	14	*	12/13/2024	1741
7440-50-8	Copper	81	*	12/13/2024	1741
7439-92-1	Lead	62	*	12/13/2024	1741
7440-02-0	Nickel	20	*	12/13/2024	1741
7782-49-2	Selenium	2.2	U	12/13/2024	1741
7440-22-4	Silver	0.33	J*	12/13/2024	1741
7440-28-0	Thallium	0.13	J	12/13/2024	1741
7440-62-2	Vanadium	50	*	12/13/2024	1741
7440-66-6	Zinc	180		12/13/2024	1741

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZ38

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

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZ19

Matrix: SOIL Lab Sample ID: P5172-20

% Solids: 98.2 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	0.28	J	12/18/2024	1556
7440-38-2	Arsenic	30	*	12/18/2024	1556
7440-39-3	Barium	210	D	12/18/2024	1718
7440-41-7	Beryllium	0.66		12/18/2024	1556
7440-43-9	Cadmium	1.0	*	12/18/2024	1556
7440-47-3	Chromium	25		12/18/2024	1556
7440-48-4	Cobalt	14	D*	12/18/2024	1718
7440-50-8	Copper	93	*	12/18/2024	1556
7439-92-1	Lead	91	*	12/18/2024	1556
7440-02-0	Nickel	32	D*	12/18/2024	1718
7782-49-2	Selenium	0.51	J	12/18/2024	1556
7440-22-4	Silver	0.31	J*	12/18/2024	1556
7440-28-0	Thallium	0.15	J	12/18/2024	1556
7440-62-2	Vanadium	49	D*	12/18/2024	1718
7440-66-6	Zinc	250		12/18/2024	1556

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

Comments: