

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4Y4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-01
 % Solids: 98.6 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	J*	06/27/2024	1736
7440-38-2	Arsenic	28		06/27/2024	1736
7440-39-3	Barium	110		06/27/2024	1736
7440-41-7	Beryllium	0.48		06/27/2024	1736
7440-43-9	Cadmium	0.67		06/27/2024	1736
7440-47-3	Chromium	13		06/27/2024	1736
7440-48-4	Cobalt	14		06/27/2024	1736
7440-50-8	Copper	26		06/27/2024	1736
7439-92-1	Lead	18		06/27/2024	1736
7439-96-5	Manganese	570		06/27/2024	1736
7439-98-7	Molybdenum	3.4	U	06/27/2024	1736
7440-02-0	Nickel	19		06/27/2024	1736
7782-49-2	Selenium	2.4	U*	06/27/2024	1736
7440-22-4	Silver	0.68	U*	06/27/2024	1736
7440-28-0	Thallium	1.7	U*	06/27/2024	1736
7440-62-2	Vanadium	38		06/27/2024	1736
7440-66-6	Zinc	65		06/27/2024	1736

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4Y8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-04
 % Solids: 97.7 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	1.5	J*	06/27/2024	1753
7440-38-2	Arsenic	36		06/27/2024	1753
7440-39-3	Barium	140		06/27/2024	1753
7440-41-7	Beryllium	0.54		06/27/2024	1753
7440-43-9	Cadmium	1.0		06/27/2024	1753
7440-47-3	Chromium	12		06/27/2024	1753
7440-48-4	Cobalt	16		06/27/2024	1753
7440-50-8	Copper	48		06/27/2024	1753
7439-92-1	Lead	28		06/27/2024	1753
7439-96-5	Manganese	600		06/27/2024	1753
7439-98-7	Molybdenum	3.5	U	06/27/2024	1753
7440-02-0	Nickel	19		06/27/2024	1753
7782-49-2	Selenium	2.4	U*	06/27/2024	1753
7440-22-4	Silver	0.69	U*	06/27/2024	1753
7440-28-0	Thallium	1.7	U*	06/27/2024	1753
7440-62-2	Vanadium	59		06/27/2024	1753
7440-66-6	Zinc	88		06/27/2024	1753

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-05
 % Solids: 98.3 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	1.4	J*	06/27/2024	1758
7440-38-2	Arsenic	44		06/27/2024	1758
7440-39-3	Barium	100		06/27/2024	1758
7440-41-7	Beryllium	0.47		06/27/2024	1758
7440-43-9	Cadmium	1.3		06/27/2024	1758
7440-47-3	Chromium	12		06/27/2024	1758
7440-48-4	Cobalt	16		06/27/2024	1758
7440-50-8	Copper	80		06/27/2024	1758
7439-92-1	Lead	48		06/27/2024	1758
7439-96-5	Manganese	610		06/27/2024	1758
7439-98-7	Molybdenum	3.5	U	06/27/2024	1758
7440-02-0	Nickel	19		06/27/2024	1758
7782-49-2	Selenium	2.4	U*	06/27/2024	1758
7440-22-4	Silver	0.69	U*	06/27/2024	1758
7440-28-0	Thallium	1.7	U*	06/27/2024	1758
7440-62-2	Vanadium	55		06/27/2024	1758
7440-66-6	Zinc	120		06/27/2024	1758

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4Z0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-06
 % Solids: 98.1 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	1.6	J*	06/27/2024	1802
7440-38-2	Arsenic	31		06/27/2024	1802
7440-39-3	Barium	100		06/27/2024	1802
7440-41-7	Beryllium	0.45		06/27/2024	1802
7440-43-9	Cadmium	0.94		06/27/2024	1802
7440-47-3	Chromium	11		06/27/2024	1802
7440-48-4	Cobalt	16		06/27/2024	1802
7440-50-8	Copper	40		06/27/2024	1802
7439-92-1	Lead	26		06/27/2024	1802
7439-96-5	Manganese	560		06/27/2024	1802
7439-98-7	Molybdenum	3.4	U	06/27/2024	1802
7440-02-0	Nickel	17		06/27/2024	1802
7782-49-2	Selenium	2.4	U*	06/27/2024	1802
7440-22-4	Silver	0.68	U*	06/27/2024	1802
7440-28-0	Thallium	1.7	U*	06/27/2024	1802
7440-62-2	Vanadium	55		06/27/2024	1802
7440-66-6	Zinc	81		06/27/2024	1802

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4Z1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-07
 % Solids: 98.8 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	J*	06/27/2024	1806
7440-38-2	Arsenic	36		06/27/2024	1806
7440-39-3	Barium	110		06/27/2024	1806
7440-41-7	Beryllium	0.44		06/27/2024	1806
7440-43-9	Cadmium	0.79		06/27/2024	1806
7440-47-3	Chromium	13		06/27/2024	1806
7440-48-4	Cobalt	16		06/27/2024	1806
7440-50-8	Copper	32		06/27/2024	1806
7439-92-1	Lead	22		06/27/2024	1806
7439-96-5	Manganese	550		06/27/2024	1806
7439-98-7	Molybdenum	3.4	U	06/27/2024	1806
7440-02-0	Nickel	19		06/27/2024	1806
7782-49-2	Selenium	2.4	U*	06/27/2024	1806
7440-22-4	Silver	0.68	U*	06/27/2024	1806
7440-28-0	Thallium	1.7	U*	06/27/2024	1806
7440-62-2	Vanadium	50		06/27/2024	1806
7440-66-6	Zinc	66		06/27/2024	1806

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4Z2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-08
 % Solids: 98.9 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	1.3	J*	06/27/2024	1811
7440-38-2	Arsenic	30		06/27/2024	1811
7440-39-3	Barium	100		06/27/2024	1811
7440-41-7	Beryllium	0.45		06/27/2024	1811
7440-43-9	Cadmium	0.95		06/27/2024	1811
7440-47-3	Chromium	9.7		06/27/2024	1811
7440-48-4	Cobalt	16		06/27/2024	1811
7440-50-8	Copper	72		06/27/2024	1811
7439-92-1	Lead	29		06/27/2024	1811
7439-96-5	Manganese	560		06/27/2024	1811
7439-98-7	Molybdenum	3.5	U	06/27/2024	1811
7440-02-0	Nickel	15		06/27/2024	1811
7782-49-2	Selenium	2.4	U*	06/27/2024	1811
7440-22-4	Silver	0.69	U*	06/27/2024	1811
7440-28-0	Thallium	1.7	U*	06/27/2024	1811
7440-62-2	Vanadium	49		06/27/2024	1811
7440-66-6	Zinc	75		06/27/2024	1811

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4Matrix: SOIL Lab Sample ID: P2813-09% Solids: 99.1 Date Received: 06/10/2024Analytical Method: ICP_AESConcentration 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	1.3	J*	06/27/2024	1815
7440-38-2	Arsenic	29		06/27/2024	1815
7440-39-3	Barium	110		06/27/2024	1815
7440-41-7	Beryllium	0.53		06/27/2024	1815
7440-43-9	Cadmium	0.93		06/27/2024	1815
7440-47-3	Chromium	13		06/27/2024	1815
7440-48-4	Cobalt	18		06/27/2024	1815
7440-50-8	Copper	38		06/27/2024	1815
7439-92-1	Lead	23		06/27/2024	1815
7439-96-5	Manganese	550		06/27/2024	1815
7439-98-7	Molybdenum	3.5	U	06/27/2024	1815
7440-02-0	Nickel	19		06/27/2024	1815
7782-49-2	Selenium	2.4	U*	06/27/2024	1815
7440-22-4	Silver	0.70	U*	06/27/2024	1815
7440-28-0	Thallium	1.7	U*	06/27/2024	1815
7440-62-2	Vanadium	56		06/27/2024	1815
7440-66-6	Zinc	79		06/27/2024	1815

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-10
 % Solids: 98.7 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	1.3	J*	06/27/2024	1819
7440-38-2	Arsenic	36		06/27/2024	1819
7440-39-3	Barium	100		06/27/2024	1819
7440-41-7	Beryllium	0.40		06/27/2024	1819
7440-43-9	Cadmium	1.0		06/27/2024	1819
7440-47-3	Chromium	9.5		06/27/2024	1819
7440-48-4	Cobalt	15		06/27/2024	1819
7440-50-8	Copper	45		06/27/2024	1819
7439-92-1	Lead	39		06/27/2024	1819
7439-96-5	Manganese	640		06/27/2024	1819
7439-98-7	Molybdenum	0.11	J	06/27/2024	1819
7440-02-0	Nickel	17		06/27/2024	1819
7782-49-2	Selenium	2.4	U*	06/27/2024	1819
7440-22-4	Silver	0.68	U*	06/27/2024	1819
7440-28-0	Thallium	1.7	U*	06/27/2024	1819
7440-62-2	Vanadium	45		06/27/2024	1819
7440-66-6	Zinc	110		06/27/2024	1819

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4Z5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-11
 % Solids: 98.7 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	1.2	J*	06/27/2024	1824
7440-38-2	Arsenic	38		06/27/2024	1824
7440-39-3	Barium	97		06/27/2024	1824
7440-41-7	Beryllium	0.46		06/27/2024	1824
7440-43-9	Cadmium	1.2		06/27/2024	1824
7440-47-3	Chromium	8.9		06/27/2024	1824
7440-48-4	Cobalt	16		06/27/2024	1824
7440-50-8	Copper	42		06/27/2024	1824
7439-92-1	Lead	36		06/27/2024	1824
7439-96-5	Manganese	600		06/27/2024	1824
7439-98-7	Molybdenum	3.5	U	06/27/2024	1824
7440-02-0	Nickel	18		06/27/2024	1824
7782-49-2	Selenium	2.4	U*	06/27/2024	1824
7440-22-4	Silver	0.69	U*	06/27/2024	1824
7440-28-0	Thallium	1.7	U*	06/27/2024	1824
7440-62-2	Vanadium	48		06/27/2024	1824
7440-66-6	Zinc	120		06/27/2024	1824

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4Z6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-12
 % Solids: 98.6 Date Received: 06/10/2024
 Analytical Method: ICP_AES
 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	1.6	J*	06/27/2024	1828
7440-38-2	Arsenic	47		06/27/2024	1828
7440-39-3	Barium	100		06/27/2024	1828
7440-41-7	Beryllium	0.45		06/27/2024	1828
7440-43-9	Cadmium	1.3		06/27/2024	1828
7440-47-3	Chromium	11		06/27/2024	1828
7440-48-4	Cobalt	18		06/27/2024	1828
7440-50-8	Copper	54		06/27/2024	1828
7439-92-1	Lead	39		06/27/2024	1828
7439-96-5	Manganese	630		06/27/2024	1828
7439-98-7	Molybdenum	3.4	U	06/27/2024	1828
7440-02-0	Nickel	19		06/27/2024	1828
7782-49-2	Selenium	2.4	U*	06/27/2024	1828
7440-22-4	Silver	0.68	U*	06/27/2024	1828
7440-28-0	Thallium	1.7	U*	06/27/2024	1828
7440-62-2	Vanadium	70		06/27/2024	1828
7440-66-6	Zinc	120		06/27/2024	1828

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-13
 % Solids: 99.1 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	1.3	J*	06/27/2024	1832
7440-38-2	Arsenic	42		06/27/2024	1832
7440-39-3	Barium	86		06/27/2024	1832
7440-41-7	Beryllium	0.39		06/27/2024	1832
7440-43-9	Cadmium	1.0		06/27/2024	1832
7440-47-3	Chromium	9.9		06/27/2024	1832
7440-48-4	Cobalt	14		06/27/2024	1832
7440-50-8	Copper	46		06/27/2024	1832
7439-92-1	Lead	40		06/27/2024	1832
7439-96-5	Manganese	490		06/27/2024	1832
7439-98-7	Molybdenum	3.4	U	06/27/2024	1832
7440-02-0	Nickel	15		06/27/2024	1832
7782-49-2	Selenium	2.4	U*	06/27/2024	1832
7440-22-4	Silver	0.68	U*	06/27/2024	1832
7440-28-0	Thallium	1.7	U*	06/27/2024	1832
7440-62-2	Vanadium	49		06/27/2024	1832
7440-66-6	Zinc	120		06/27/2024	1832

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4Matrix: SOIL Lab Sample ID: P2813-14% Solids: 97.4 Date Received: 06/10/2024Analytical Method: ICP_AESConcentration 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	1.2	J*	06/27/2024	1837
7440-38-2	Arsenic	46		06/27/2024	1837
7440-39-3	Barium	98		06/27/2024	1837
7440-41-7	Beryllium	0.46		06/27/2024	1837
7440-43-9	Cadmium	1.4		06/27/2024	1837
7440-47-3	Chromium	11		06/27/2024	1837
7440-48-4	Cobalt	16		06/27/2024	1837
7440-50-8	Copper	62		06/27/2024	1837
7439-92-1	Lead	53		06/27/2024	1837
7439-96-5	Manganese	650		06/27/2024	1837
7439-98-7	Molybdenum	3.5	U	06/27/2024	1837
7440-02-0	Nickel	18		06/27/2024	1837
7782-49-2	Selenium	2.5	U*	06/27/2024	1837
7440-22-4	Silver	0.71	U*	06/27/2024	1837
7440-28-0	Thallium	1.8	U*	06/27/2024	1837
7440-62-2	Vanadium	44		06/27/2024	1837
7440-66-6	Zinc	140		06/27/2024	1837

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-15
 % Solids: 98.7 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	1.4	J*	06/27/2024	1841
7440-38-2	Arsenic	37		06/27/2024	1841
7440-39-3	Barium	110		06/27/2024	1841
7440-41-7	Beryllium	0.48		06/27/2024	1841
7440-43-9	Cadmium	1.1		06/27/2024	1841
7440-47-3	Chromium	12		06/27/2024	1841
7440-48-4	Cobalt	17		06/27/2024	1841
7440-50-8	Copper	56		06/27/2024	1841
7439-92-1	Lead	38		06/27/2024	1841
7439-96-5	Manganese	630		06/27/2024	1841
7439-98-7	Molybdenum	3.5	U	06/27/2024	1841
7440-02-0	Nickel	17		06/27/2024	1841
7782-49-2	Selenium	2.4	U*	06/27/2024	1841
7440-22-4	Silver	0.69	U*	06/27/2024	1841
7440-28-0	Thallium	1.7	U*	06/27/2024	1841
7440-62-2	Vanadium	50		06/27/2024	1841
7440-66-6	Zinc	110		06/27/2024	1841

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4Matrix: SOIL Lab Sample ID: P2813-16% Solids: 99 Date Received: 06/10/2024Analytical Method: ICP_AESConcentration 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	1.2	J*	06/27/2024	1845
7440-38-2	Arsenic	31		06/27/2024	1845
7440-39-3	Barium	100		06/27/2024	1845
7440-41-7	Beryllium	0.43		06/27/2024	1845
7440-43-9	Cadmium	1.1		06/27/2024	1845
7440-47-3	Chromium	11		06/27/2024	1845
7440-48-4	Cobalt	15		06/27/2024	1845
7440-50-8	Copper	83		06/27/2024	1845
7439-92-1	Lead	31		06/27/2024	1845
7439-96-5	Manganese	640		06/27/2024	1845
7439-98-7	Molybdenum	3.4	U	06/27/2024	1845
7440-02-0	Nickel	20		06/27/2024	1845
7782-49-2	Selenium	2.4	U*	06/27/2024	1845
7440-22-4	Silver	0.69	U*	06/27/2024	1845
7440-28-0	Thallium	1.7	U*	06/27/2024	1845
7440-62-2	Vanadium	39		06/27/2024	1845
7440-66-6	Zinc	89		06/27/2024	1845

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4Matrix: SOIL Lab Sample ID: P2813-17% Solids: 93.5 Date Received: 06/10/2024Analytical Method: ICP_AESConcentration 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	1.5	J*	06/27/2024	1859
7440-38-2	Arsenic	34		06/27/2024	1859
7440-39-3	Barium	120		06/27/2024	1859
7440-41-7	Beryllium	0.51		06/27/2024	1859
7440-43-9	Cadmium	1.1		06/27/2024	1859
7440-47-3	Chromium	12		06/27/2024	1859
7440-48-4	Cobalt	20		06/27/2024	1859
7440-50-8	Copper	47		06/27/2024	1859
7439-92-1	Lead	30		06/27/2024	1859
7439-96-5	Manganese	720		06/27/2024	1859
7439-98-7	Molybdenum	3.6	U	06/27/2024	1859
7440-02-0	Nickel	22		06/27/2024	1859
7782-49-2	Selenium	2.5	U*	06/27/2024	1859
7440-22-4	Silver	0.72	U*	06/27/2024	1859
7440-28-0	Thallium	1.8	U*	06/27/2024	1859
7440-62-2	Vanadium	54		06/27/2024	1859
7440-66-6	Zinc	94		06/27/2024	1859

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-18
 % Solids: 99.8 Date Received: 06/10/2024

Analytical Method: ICP_AESConcentration 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	1.5	J*	06/27/2024	1903
7440-38-2	Arsenic	41		06/27/2024	1903
7440-39-3	Barium	93		06/27/2024	1903
7440-41-7	Beryllium	0.44		06/27/2024	1903
7440-43-9	Cadmium	1.3		06/27/2024	1903
7440-47-3	Chromium	9.7		06/27/2024	1903
7440-48-4	Cobalt	15		06/27/2024	1903
7440-50-8	Copper	83		06/27/2024	1903
7439-92-1	Lead	45		06/27/2024	1903
7439-96-5	Manganese	580		06/27/2024	1903
7439-98-7	Molybdenum	0.49	J	06/27/2024	1903
7440-02-0	Nickel	15		06/27/2024	1903
7782-49-2	Selenium	2.4	U*	06/27/2024	1903
7440-22-4	Silver	0.67	U*	06/27/2024	1903
7440-28-0	Thallium	1.7	U*	06/27/2024	1903
7440-62-2	Vanadium	47		06/27/2024	1903
7440-66-6	Zinc	100		06/27/2024	1903

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

Comments:

MYD503

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-19
 % Solids: 98.7 Date Received: 06/10/2024

Analytical Method: ICP_AESConcentration 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	1.7	J*	06/27/2024	1907
7440-38-2	Arsenic	64		06/27/2024	1907
7440-39-3	Barium	89		06/27/2024	1907
7440-41-7	Beryllium	0.47		06/27/2024	1907
7440-43-9	Cadmium	1.4		06/27/2024	1907
7440-47-3	Chromium	11		06/27/2024	1907
7440-48-4	Cobalt	16		06/27/2024	1907
7440-50-8	Copper	66		06/27/2024	1907
7439-92-1	Lead	59		06/27/2024	1907
7439-96-5	Manganese	580		06/27/2024	1907
7439-98-7	Molybdenum	3.5	U	06/27/2024	1907
7440-02-0	Nickel	16		06/27/2024	1907
7782-49-2	Selenium	2.4	U*	06/27/2024	1907
7440-22-4	Silver	0.69	U*	06/27/2024	1907
7440-28-0	Thallium	1.7	U*	06/27/2024	1907
7440-62-2	Vanadium	55		06/27/2024	1907
7440-66-6	Zinc	150		06/27/2024	1907

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-20
 % Solids: 99.2 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	1.6	J*	06/27/2024	1912
7440-38-2	Arsenic	62		06/27/2024	1912
7440-39-3	Barium	95		06/27/2024	1912
7440-41-7	Beryllium	0.43		06/27/2024	1912
7440-43-9	Cadmium	1.5		06/27/2024	1912
7440-47-3	Chromium	9.7		06/27/2024	1912
7440-48-4	Cobalt	15		06/27/2024	1912
7440-50-8	Copper	78		06/27/2024	1912
7439-92-1	Lead	69		06/27/2024	1912
7439-96-5	Manganese	630		06/27/2024	1912
7439-98-7	Molybdenum	3.4	U	06/27/2024	1912
7440-02-0	Nickel	18		06/27/2024	1912
7782-49-2	Selenium	2.4	U*	06/27/2024	1912
7440-22-4	Silver	0.68	U*	06/27/2024	1912
7440-28-0	Thallium	1.7	U*	06/27/2024	1912
7440-62-2	Vanadium	47		06/27/2024	1912
7440-66-6	Zinc	150		06/27/2024	1912

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4Matrix: SOIL Lab Sample ID: P2813-21% Solids: 96.9 Date Received: 06/10/2024Analytical Method: ICP_AESConcentration 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	1.1	J*	06/27/2024	1916
7440-38-2	Arsenic	37		06/27/2024	1916
7440-39-3	Barium	140		06/27/2024	1916
7440-41-7	Beryllium	0.54		06/27/2024	1916
7440-43-9	Cadmium	1.4		06/27/2024	1916
7440-47-3	Chromium	12		06/27/2024	1916
7440-48-4	Cobalt	19		06/27/2024	1916
7440-50-8	Copper	63		06/27/2024	1916
7439-92-1	Lead	52		06/27/2024	1916
7439-96-5	Manganese	830		06/27/2024	1916
7439-98-7	Molybdenum	3.5	U	06/27/2024	1916
7440-02-0	Nickel	22		06/27/2024	1916
7782-49-2	Selenium	2.4	U*	06/27/2024	1916
7440-22-4	Silver	0.69	U*	06/27/2024	1916
7440-28-0	Thallium	1.7	U*	06/27/2024	1916
7440-62-2	Vanadium	39		06/27/2024	1916
7440-66-6	Zinc	140		06/27/2024	1916

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

Comments:

INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Y4
 Matrix: SOIL Lab Sample ID: P2813-22
 % Solids: 98.3 Date Received: 06/10/2024

Analytical Method: ICP_AES

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	1.3	J*	06/27/2024	1920
7440-38-2	Arsenic	41		06/27/2024	1920
7440-39-3	Barium	99		06/27/2024	1920
7440-41-7	Beryllium	0.44		06/27/2024	1920
7440-43-9	Cadmium	1.2		06/27/2024	1920
7440-47-3	Chromium	11		06/27/2024	1920
7440-48-4	Cobalt	17		06/27/2024	1920
7440-50-8	Copper	53		06/27/2024	1920
7439-92-1	Lead	39		06/27/2024	1920
7439-96-5	Manganese	550		06/27/2024	1920
7439-98-7	Molybdenum	3.4	U	06/27/2024	1920
7440-02-0	Nickel	18		06/27/2024	1920
7782-49-2	Selenium	2.4	U*	06/27/2024	1920
7440-22-4	Silver	0.68	U*	06/27/2024	1920
7440-28-0	Thallium	1.7	U*	06/27/2024	1920
7440-62-2	Vanadium	57		06/27/2024	1920
7440-66-6	Zinc	110		06/27/2024	1920

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

Comments: