

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GN9

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-01

% Solids: 100 Date Received: 11/11/2024

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	0.20	J	11/18/2024	0638
7440-38-2	Arsenic	4.0		11/18/2024	0638
7440-39-3	Barium	180		11/18/2024	0638
7440-41-7	Beryllium	0.46		11/18/2024	0638
7440-43-9	Cadmium	1.8		11/18/2024	0638
7440-47-3	Chromium	5.0		11/18/2024	0638
7440-48-4	Cobalt	3.0		11/18/2024	0638
7440-50-8	Copper	26		11/18/2024	0638
7439-92-1	Lead	140		11/18/2024	0638
7439-96-5	Manganese	250		11/18/2024	0638
7440-02-0	Nickel	14		11/18/2024	0638
7782-49-2	Selenium	0.31	J	11/18/2024	0638
7440-22-4	Silver	0.32		11/18/2024	0638
7440-28-0	Thallium	0.095	J	11/18/2024	0638
7440-62-2	Vanadium	12		11/18/2024	0638
7440-66-6	Zinc	170		11/18/2024	0638

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GP0

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-04

% Solids: 100 Date Received: 11/11/2024

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	11/18/2024	0650
7440-38-2	Arsenic	3.1		11/18/2024	0650
7440-39-3	Barium	170		11/18/2024	0650
7440-41-7	Beryllium	0.42		11/18/2024	0650
7440-43-9	Cadmium	1.7		11/18/2024	0650
7440-47-3	Chromium	6.1		11/18/2024	0650
7440-48-4	Cobalt	2.8		11/18/2024	0650
7440-50-8	Copper	25		11/18/2024	0650
7439-92-1	Lead	150		11/18/2024	0650
7439-96-5	Manganese	270		11/18/2024	0650
7440-02-0	Nickel	45		11/18/2024	0650
7782-49-2	Selenium	0.34	J	11/18/2024	0650
7440-22-4	Silver	0.31		11/18/2024	0650
7440-28-0	Thallium	0.088	J	11/18/2024	0650
7440-62-2	Vanadium	9.9		11/18/2024	0650
7440-66-6	Zinc	190		11/18/2024	0650

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GP1

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-05

% Solids: 100 Date Received: 11/11/2024

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	0.20	J	11/18/2024	0653
7440-38-2	Arsenic	3.9		11/18/2024	0653
7440-39-3	Barium	170		11/18/2024	0653
7440-41-7	Beryllium	0.45		11/18/2024	0653
7440-43-9	Cadmium	1.8		11/18/2024	0653
7440-47-3	Chromium	4.3		11/18/2024	0653
7440-48-4	Cobalt	2.8		11/18/2024	0653
7440-50-8	Copper	24		11/18/2024	0653
7439-92-1	Lead	140		11/18/2024	0653
7439-96-5	Manganese	250		11/18/2024	0653
7440-02-0	Nickel	14		11/18/2024	0653
7782-49-2	Selenium	0.34	J	11/18/2024	0653
7440-22-4	Silver	0.31		11/18/2024	0653
7440-28-0	Thallium	0.075	J	11/18/2024	0653
7440-62-2	Vanadium	11		11/18/2024	0653
7440-66-6	Zinc	160		11/18/2024	0653

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GP2

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-06

% Solids: 100 Date Received: 11/11/2024

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	0.19	J	11/18/2024	0656
7440-38-2	Arsenic	4.1		11/18/2024	0656
7440-39-3	Barium	170		11/18/2024	0656
7440-41-7	Beryllium	0.45		11/18/2024	0656
7440-43-9	Cadmium	1.7		11/18/2024	0656
7440-47-3	Chromium	4.7		11/18/2024	0656
7440-48-4	Cobalt	3.2		11/18/2024	0656
7440-50-8	Copper	24		11/18/2024	0656
7439-92-1	Lead	150		11/18/2024	0656
7439-96-5	Manganese	270		11/18/2024	0656
7440-02-0	Nickel	18		11/18/2024	0656
7782-49-2	Selenium	0.28	J	11/18/2024	0656
7440-22-4	Silver	0.27		11/18/2024	0656
7440-28-0	Thallium	0.084	J	11/18/2024	0656
7440-62-2	Vanadium	13		11/18/2024	0656
7440-66-6	Zinc	160		11/18/2024	0656

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GP3

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-07

% Solids: 100 Date Received: 11/11/2024

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	0.25	J	11/18/2024	0659
7440-38-2	Arsenic	4.3		11/18/2024	0659
7440-39-3	Barium	180		11/18/2024	0659
7440-41-7	Beryllium	0.50		11/18/2024	0659
7440-43-9	Cadmium	1.7		11/18/2024	0659
7440-47-3	Chromium	5.6		11/18/2024	0659
7440-48-4	Cobalt	3.1		11/18/2024	0659
7440-50-8	Copper	35		11/18/2024	0659
7439-92-1	Lead	210		11/18/2024	0659
7439-96-5	Manganese	260		11/18/2024	0659
7440-02-0	Nickel	32		11/18/2024	0659
7782-49-2	Selenium	0.33	J	11/18/2024	0659
7440-22-4	Silver	0.33		11/18/2024	0659
7440-28-0	Thallium	0.10	J	11/18/2024	0659
7440-62-2	Vanadium	13		11/18/2024	0659
7440-66-6	Zinc	210		11/18/2024	0659

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GP4

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-08

% Solids: 100 Date Received: 11/11/2024

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	0.19	J	11/18/2024	0702
7440-38-2	Arsenic	2.8		11/18/2024	0702
7440-39-3	Barium	160		11/18/2024	0702
7440-41-7	Beryllium	0.41		11/18/2024	0702
7440-43-9	Cadmium	1.6		11/18/2024	0702
7440-47-3	Chromium	4.3		11/18/2024	0702
7440-48-4	Cobalt	2.5		11/18/2024	0702
7440-50-8	Copper	20		11/18/2024	0702
7439-92-1	Lead	160		11/18/2024	0702
7439-96-5	Manganese	260		11/18/2024	0702
7440-02-0	Nickel	7.4		11/18/2024	0702
7782-49-2	Selenium	0.29	J	11/18/2024	0702
7440-22-4	Silver	0.29		11/18/2024	0702
7440-28-0	Thallium	0.071	J	11/18/2024	0702
7440-62-2	Vanadium	9.0		11/18/2024	0702
7440-66-6	Zinc	170		11/18/2024	0702

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GP5

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-09

% Solids: 100 Date Received: 11/11/2024

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	11/18/2024	0705
7440-38-2	Arsenic	3.7		11/18/2024	0705
7440-39-3	Barium	180		11/18/2024	0705
7440-41-7	Beryllium	0.44		11/18/2024	0705
7440-43-9	Cadmium	1.8		11/18/2024	0705
7440-47-3	Chromium	3.8		11/18/2024	0705
7440-48-4	Cobalt	2.8		11/18/2024	0705
7440-50-8	Copper	27		11/18/2024	0705
7439-92-1	Lead	170		11/18/2024	0705
7439-96-5	Manganese	260		11/18/2024	0705
7440-02-0	Nickel	16		11/18/2024	0705
7782-49-2	Selenium	0.29	J	11/18/2024	0705
7440-22-4	Silver	0.31		11/18/2024	0705
7440-28-0	Thallium	0.077	J	11/18/2024	0705
7440-62-2	Vanadium	10		11/18/2024	0705
7440-66-6	Zinc	180		11/18/2024	0705

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GP6

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-10

% Solids: 100 Date Received: 11/11/2024

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	11/18/2024	0708
7440-38-2	Arsenic	3.7		11/18/2024	0708
7440-39-3	Barium	180		11/18/2024	0708
7440-41-7	Beryllium	0.48		11/18/2024	0708
7440-43-9	Cadmium	1.7		11/18/2024	0708
7440-47-3	Chromium	4.0		11/18/2024	0708
7440-48-4	Cobalt	2.9		11/18/2024	0708
7440-50-8	Copper	25		11/18/2024	0708
7439-92-1	Lead	130		11/18/2024	0708
7439-96-5	Manganese	240		11/18/2024	0708
7440-02-0	Nickel	24		11/18/2024	0708
7782-49-2	Selenium	0.32	J	11/18/2024	0708
7440-22-4	Silver	0.27		11/18/2024	0708
7440-28-0	Thallium	0.080	J	11/18/2024	0708
7440-62-2	Vanadium	11		11/18/2024	0708
7440-66-6	Zinc	140		11/18/2024	0708

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GP7

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-11

% Solids: 100 Date Received: 11/11/2024

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	11/18/2024	0711
7440-38-2	Arsenic	4.9		11/18/2024	0711
7440-39-3	Barium	230		11/18/2024	0711
7440-41-7	Beryllium	0.57		11/18/2024	0711
7440-43-9	Cadmium	2.8		11/18/2024	0711
7440-47-3	Chromium	7.3		11/18/2024	0711
7440-48-4	Cobalt	3.3		11/18/2024	0711
7440-50-8	Copper	37		11/18/2024	0711
7439-92-1	Lead	220		11/18/2024	0711
7439-96-5	Manganese	280		11/18/2024	0711
7440-02-0	Nickel	44		11/18/2024	0711
7782-49-2	Selenium	0.63	J	11/18/2024	0711
7440-22-4	Silver	0.43		11/18/2024	0711
7440-28-0	Thallium	0.12	J	11/18/2024	0711
7440-62-2	Vanadium	13		11/18/2024	0711
7440-66-6	Zinc	420		11/18/2024	0711

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GP8

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-12

% Solids: 100 Date Received: 11/11/2024

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	11/18/2024	0714
7440-38-2	Arsenic	3.0		11/18/2024	0714
7440-39-3	Barium	160		11/18/2024	0714
7440-41-7	Beryllium	0.42		11/18/2024	0714
7440-43-9	Cadmium	1.8		11/18/2024	0714
7440-47-3	Chromium	4.3		11/18/2024	0714
7440-48-4	Cobalt	2.6		11/18/2024	0714
7440-50-8	Copper	22		11/18/2024	0714
7439-92-1	Lead	150		11/18/2024	0714
7439-96-5	Manganese	270		11/18/2024	0714
7440-02-0	Nickel	7.4		11/18/2024	0714
7782-49-2	Selenium	0.35	J	11/18/2024	0714
7440-22-4	Silver	0.29		11/18/2024	0714
7440-28-0	Thallium	0.072	J	11/18/2024	0714
7440-62-2	Vanadium	9.5		11/18/2024	0714
7440-66-6	Zinc	190		11/18/2024	0714

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GP9

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-13

% Solids: 100 Date Received: 11/11/2024

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	0.25	J	11/18/2024	0717
7440-38-2	Arsenic	4.0		11/18/2024	0717
7440-39-3	Barium	180		11/18/2024	0717
7440-41-7	Beryllium	0.45		11/18/2024	0717
7440-43-9	Cadmium	1.9		11/18/2024	0717
7440-47-3	Chromium	4.8		11/18/2024	0717
7440-48-4	Cobalt	2.8		11/18/2024	0717
7440-50-8	Copper	25		11/18/2024	0717
7439-92-1	Lead	160		11/18/2024	0717
7439-96-5	Manganese	260		11/18/2024	0717
7440-02-0	Nickel	17		11/18/2024	0717
7782-49-2	Selenium	0.33	J	11/18/2024	0717
7440-22-4	Silver	0.30		11/18/2024	0717
7440-28-0	Thallium	0.073	J	11/18/2024	0717
7440-62-2	Vanadium	11		11/18/2024	0717
7440-66-6	Zinc	180		11/18/2024	0717

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GQ0

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-14

% Solids: 100 Date Received: 11/11/2024

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	0.23	J	11/18/2024	0720
7440-38-2	Arsenic	4.0		11/18/2024	0720
7440-39-3	Barium	180		11/18/2024	0720
7440-41-7	Beryllium	0.52		11/18/2024	0720
7440-43-9	Cadmium	1.7		11/18/2024	0720
7440-47-3	Chromium	5.1		11/18/2024	0720
7440-48-4	Cobalt	3.2		11/18/2024	0720
7440-50-8	Copper	22		11/18/2024	0720
7439-92-1	Lead	140		11/18/2024	0720
7439-96-5	Manganese	260		11/18/2024	0720
7440-02-0	Nickel	23		11/18/2024	0720
7782-49-2	Selenium	0.35	J	11/18/2024	0720
7440-22-4	Silver	0.29		11/18/2024	0720
7440-28-0	Thallium	0.10	J	11/18/2024	0720
7440-62-2	Vanadium	12		11/18/2024	0720
7440-66-6	Zinc	140		11/18/2024	0720

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2GQ1

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

Lab Code: ACE Case No.: 51822 MA No. : 3105.0 SDG No.: MH2GN9

Matrix: SOIL Lab Sample ID: P4805-15

% Solids: 100 Date Received: 11/11/2024

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	0.23	J	11/18/2024	0723
7440-38-2	Arsenic	4.6		11/18/2024	0723
7440-39-3	Barium	180		11/18/2024	0723
7440-41-7	Beryllium	0.53		11/18/2024	0723
7440-43-9	Cadmium	1.9		11/18/2024	0723
7440-47-3	Chromium	4.7		11/18/2024	0723
7440-48-4	Cobalt	3.1		11/18/2024	0723
7440-50-8	Copper	26		11/18/2024	0723
7439-92-1	Lead	150		11/18/2024	0723
7439-96-5	Manganese	260		11/18/2024	0723
7440-02-0	Nickel	23		11/18/2024	0723
7782-49-2	Selenium	0.41	J	11/18/2024	0723
7440-22-4	Silver	0.41		11/18/2024	0723
7440-28-0	Thallium	0.11	J	11/18/2024	0723
7440-62-2	Vanadium	14		11/18/2024	0723
7440-66-6	Zinc	150		11/18/2024	0723

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

Comments: