

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA73

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-01

% Solids: 97.7 Date Received: 10/04/2024

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	0.87		10/24/2024	1912
7440-38-2	Arsenic	83	*	10/24/2024	1912
7440-39-3	Barium	92		10/24/2024	1912
7440-41-7	Beryllium	0.39		10/24/2024	1912
7440-43-9	Cadmium	1.2		10/24/2024	1912
7440-47-3	Chromium	82		10/24/2024	1912
7440-48-4	Cobalt	57	*	10/24/2024	1912
7440-50-8	Copper	210	*	10/24/2024	1912
7439-92-1	Lead	46		10/24/2024	1912
7440-02-0	Nickel	58		10/24/2024	1912
7782-49-2	Selenium	0.50	J	10/24/2024	1912
7440-22-4	Silver	0.29	J*	10/24/2024	1912
7440-28-0	Thallium	0.082	J	10/24/2024	1912
7440-62-2	Vanadium	120	*	10/24/2024	1912
7440-66-6	Zinc	150	*	10/24/2024	1912

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

Comments:

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MYDA74

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-02

% Solids: 98 Date Received: 10/04/2024

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	0.67	J	10/24/2024	1916
7440-38-2	Arsenic	180	*	10/24/2024	1916
7440-39-3	Barium	100		10/24/2024	1916
7440-41-7	Beryllium	0.43	J	10/24/2024	1916
7440-43-9	Cadmium	1.2		10/24/2024	1916
7440-47-3	Chromium	85		10/24/2024	1916
7440-48-4	Cobalt	36	*	10/24/2024	1916
7440-50-8	Copper	180	*	10/24/2024	1916
7439-92-1	Lead	50		10/24/2024	1916
7440-02-0	Nickel	64		10/24/2024	1916
7782-49-2	Selenium	0.67	J	10/24/2024	1916
7440-22-4	Silver	0.31	J*	10/24/2024	1916
7440-28-0	Thallium	0.077	J	10/24/2024	1916
7440-62-2	Vanadium	200	*	10/24/2024	1916
7440-66-6	Zinc	140	*	10/24/2024	1916

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

Comments:

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MYDA75

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-03

% Solids: 97.7 Date Received: 10/04/2024

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	0.41	J	10/24/2024	1919
7440-38-2	Arsenic	130	*	10/24/2024	1919
7440-39-3	Barium	100		10/24/2024	1919
7440-41-7	Beryllium	0.44		10/24/2024	1919
7440-43-9	Cadmium	1.2		10/24/2024	1919
7440-47-3	Chromium	65		10/24/2024	1919
7440-48-4	Cobalt	37	*	10/24/2024	1919
7440-50-8	Copper	160	*	10/24/2024	1919
7439-92-1	Lead	43		10/24/2024	1919
7440-02-0	Nickel	73		10/24/2024	1919
7782-49-2	Selenium	0.39	J	10/24/2024	1919
7440-22-4	Silver	0.20	J*	10/24/2024	1919
7440-28-0	Thallium	0.073	J	10/24/2024	1919
7440-62-2	Vanadium	220	*	10/24/2024	1919
7440-66-6	Zinc	130	*	10/24/2024	1919

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

Comments:

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MYDA76

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-04

% Solids: 97.8 Date Received: 10/04/2024

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	0.48	J	10/24/2024	1922
7440-38-2	Arsenic	130	*	10/24/2024	1922
7440-39-3	Barium	110		10/24/2024	1922
7440-41-7	Beryllium	0.44	J	10/24/2024	1922
7440-43-9	Cadmium	1.3		10/24/2024	1922
7440-47-3	Chromium	66		10/24/2024	1922
7440-48-4	Cobalt	38	*	10/24/2024	1922
7440-50-8	Copper	180	*	10/24/2024	1922
7439-92-1	Lead	48		10/24/2024	1922
7440-02-0	Nickel	76		10/24/2024	1922
7782-49-2	Selenium	0.54	J	10/24/2024	1922
7440-22-4	Silver	0.22	J*	10/24/2024	1922
7440-28-0	Thallium	0.080	J	10/24/2024	1922
7440-62-2	Vanadium	230	*	10/24/2024	1922
7440-66-6	Zinc	150	*	10/24/2024	1922

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

Comments:

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MYDA77

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-05

% Solids: 97.4 Date Received: 10/04/2024

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	0.76	J	10/24/2024	1925
7440-38-2	Arsenic	56	*	10/24/2024	1925
7440-39-3	Barium	140		10/24/2024	1925
7440-41-7	Beryllium	0.48		10/24/2024	1925
7440-43-9	Cadmium	1.0		10/24/2024	1925
7440-47-3	Chromium	86		10/24/2024	1925
7440-48-4	Cobalt	39	*	10/24/2024	1925
7440-50-8	Copper	150	*	10/24/2024	1925
7439-92-1	Lead	44		10/24/2024	1925
7440-02-0	Nickel	57		10/24/2024	1925
7782-49-2	Selenium	0.39	J	10/24/2024	1925
7440-22-4	Silver	0.24	J*	10/24/2024	1925
7440-28-0	Thallium	0.099	J	10/24/2024	1925
7440-62-2	Vanadium	180	*	10/24/2024	1925
7440-66-6	Zinc	140	*	10/24/2024	1925

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

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MYDA78

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-06

% Solids: 97.4 Date Received: 10/04/2024

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	0.59	J	10/24/2024	1928
7440-38-2	Arsenic	85	*	10/24/2024	1928
7440-39-3	Barium	120		10/24/2024	1928
7440-41-7	Beryllium	0.55		10/24/2024	1928
7440-43-9	Cadmium	0.62		10/24/2024	1928
7440-47-3	Chromium	95		10/24/2024	1928
7440-48-4	Cobalt	36	*	10/24/2024	1928
7440-50-8	Copper	130	*	10/24/2024	1928
7439-92-1	Lead	22		10/24/2024	1928
7440-02-0	Nickel	62		10/24/2024	1928
7782-49-2	Selenium	0.44	J	10/24/2024	1928
7440-22-4	Silver	0.13	J*	10/24/2024	1928
7440-28-0	Thallium	0.088	J	10/24/2024	1928
7440-62-2	Vanadium	180	*	10/24/2024	1928
7440-66-6	Zinc	100	*	10/24/2024	1928

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

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MYDA79

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-07

% Solids: 98.4 Date Received: 10/04/2024

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	0.84		10/24/2024	1931
7440-38-2	Arsenic	86	*	10/24/2024	1931
7440-39-3	Barium	130		10/24/2024	1931
7440-41-7	Beryllium	0.48		10/24/2024	1931
7440-43-9	Cadmium	1.9		10/24/2024	1931
7440-47-3	Chromium	84		10/24/2024	1931
7440-48-4	Cobalt	38	*	10/24/2024	1931
7440-50-8	Copper	210	*	10/24/2024	1931
7439-92-1	Lead	85		10/24/2024	1931
7440-02-0	Nickel	54		10/24/2024	1931
7782-49-2	Selenium	0.52	J	10/24/2024	1931
7440-22-4	Silver	0.52	*	10/24/2024	1931
7440-28-0	Thallium	0.10	J	10/24/2024	1931
7440-62-2	Vanadium	170	*	10/24/2024	1931
7440-66-6	Zinc	150	*	10/24/2024	1931

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

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MYDA80

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-08

% Solids: 98 Date Received: 10/04/2024

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	0.82		10/24/2024	1934
7440-38-2	Arsenic	64	*	10/24/2024	1934
7440-39-3	Barium	130		10/24/2024	1934
7440-41-7	Beryllium	0.51		10/24/2024	1934
7440-43-9	Cadmium	1.0		10/24/2024	1934
7440-47-3	Chromium	77		10/24/2024	1934
7440-48-4	Cobalt	35	*	10/24/2024	1934
7440-50-8	Copper	150	*	10/24/2024	1934
7439-92-1	Lead	33		10/24/2024	1934
7440-02-0	Nickel	51		10/24/2024	1934
7782-49-2	Selenium	0.53	J	10/24/2024	1934
7440-22-4	Silver	0.21	J*	10/24/2024	1934
7440-28-0	Thallium	0.11	J	10/24/2024	1934
7440-62-2	Vanadium	150	*	10/24/2024	1934
7440-66-6	Zinc	120	*	10/24/2024	1934

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

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MYDA81

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-09

% Solids: 97.5 Date Received: 10/04/2024

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	0.81	J	10/24/2024	1937
7440-38-2	Arsenic	61	*	10/24/2024	1937
7440-39-3	Barium	140		10/24/2024	1937
7440-41-7	Beryllium	0.47		10/24/2024	1937
7440-43-9	Cadmium	1.1		10/24/2024	1937
7440-47-3	Chromium	89		10/24/2024	1937
7440-48-4	Cobalt	39	*	10/24/2024	1937
7440-50-8	Copper	180	*	10/24/2024	1937
7439-92-1	Lead	57		10/24/2024	1937
7440-02-0	Nickel	64		10/24/2024	1937
7782-49-2	Selenium	0.33	J	10/24/2024	1937
7440-22-4	Silver	0.27	J*	10/24/2024	1937
7440-28-0	Thallium	0.088	J	10/24/2024	1937
7440-62-2	Vanadium	170	*	10/24/2024	1937
7440-66-6	Zinc	140	*	10/24/2024	1937

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

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MYDA82

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-10

% Solids: 97.8 Date Received: 10/04/2024

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	1.1		10/24/2024	1940
7440-38-2	Arsenic	110	*	10/24/2024	1940
7440-39-3	Barium	100		10/24/2024	1940
7440-41-7	Beryllium	0.57		10/24/2024	1940
7440-43-9	Cadmium	1.2		10/24/2024	1940
7440-47-3	Chromium	76		10/24/2024	1940
7440-48-4	Cobalt	33	*	10/24/2024	1940
7440-50-8	Copper	180	*	10/24/2024	1940
7439-92-1	Lead	50		10/24/2024	1940
7440-02-0	Nickel	48		10/24/2024	1940
7782-49-2	Selenium	0.53	J	10/24/2024	1940
7440-22-4	Silver	0.36	J*	10/24/2024	1940
7440-28-0	Thallium	0.11	J	10/24/2024	1940
7440-62-2	Vanadium	140	*	10/24/2024	1940
7440-66-6	Zinc	140	*	10/24/2024	1940

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

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MYDA83

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-11

% Solids: 98.1 Date Received: 10/04/2024

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	0.80		10/24/2024	1943
7440-38-2	Arsenic	64	*	10/24/2024	1943
7440-39-3	Barium	68		10/24/2024	1943
7440-41-7	Beryllium	0.35	J	10/24/2024	1943
7440-43-9	Cadmium	1.2		10/24/2024	1943
7440-47-3	Chromium	76		10/24/2024	1943
7440-48-4	Cobalt	41	*	10/24/2024	1943
7440-50-8	Copper	190	*	10/24/2024	1943
7439-92-1	Lead	49		10/24/2024	1943
7440-02-0	Nickel	54		10/24/2024	1943
7782-49-2	Selenium	0.48	J	10/24/2024	1943
7440-22-4	Silver	0.25	J*	10/24/2024	1943
7440-28-0	Thallium	0.059	J	10/24/2024	1943
7440-62-2	Vanadium	110	*	10/24/2024	1943
7440-66-6	Zinc	130	*	10/24/2024	1943

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

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MYDA84

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-12

% Solids: 97.7 Date Received: 10/04/2024

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	10/24/2024	1947
7440-38-2	Arsenic	250	*	10/24/2024	1947
7440-39-3	Barium	95		10/24/2024	1947
7440-41-7	Beryllium	0.38		10/24/2024	1947
7440-43-9	Cadmium	0.94		10/24/2024	1947
7440-47-3	Chromium	87		10/24/2024	1947
7440-48-4	Cobalt	39	*	10/24/2024	1947
7440-50-8	Copper	180	*	10/24/2024	1947
7439-92-1	Lead	28		10/24/2024	1947
7440-02-0	Nickel	57		10/24/2024	1947
7782-49-2	Selenium	0.42	J	10/24/2024	1947
7440-22-4	Silver	0.23	J*	10/24/2024	1947
7440-28-0	Thallium	0.042	J	10/24/2024	1947
7440-62-2	Vanadium	200	*	10/24/2024	1947
7440-66-6	Zinc	110	*	10/24/2024	1947

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

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MYDA85

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-13

% Solids: 98.5 Date Received: 10/04/2024

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	1.1		10/24/2024	1950
7440-38-2	Arsenic	100	*	10/24/2024	1950
7440-39-3	Barium	82		10/24/2024	1950
7440-41-7	Beryllium	0.39		10/24/2024	1950
7440-43-9	Cadmium	1.6		10/24/2024	1950
7440-47-3	Chromium	93		10/24/2024	1950
7440-48-4	Cobalt	46	*	10/24/2024	1950
7440-50-8	Copper	260	*	10/24/2024	1950
7439-92-1	Lead	89		10/24/2024	1950
7440-02-0	Nickel	63		10/24/2024	1950
7782-49-2	Selenium	0.52	J	10/24/2024	1950
7440-22-4	Silver	0.48	*	10/24/2024	1950
7440-28-0	Thallium	0.083	J	10/24/2024	1950
7440-62-2	Vanadium	130	*	10/24/2024	1950
7440-66-6	Zinc	160	*	10/24/2024	1950

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

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MYDA86

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-14

% Solids: 98.7 Date Received: 10/04/2024

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	1.1		10/24/2024	1953
7440-38-2	Arsenic	70	*	10/24/2024	1953
7440-39-3	Barium	270		10/24/2024	1953
7440-41-7	Beryllium	0.63		10/24/2024	1953
7440-43-9	Cadmium	0.51		10/24/2024	1953
7440-47-3	Chromium	53		10/24/2024	1953
7440-48-4	Cobalt	32	*	10/24/2024	1953
7440-50-8	Copper	83	*	10/24/2024	1953
7439-92-1	Lead	29		10/24/2024	1953
7440-02-0	Nickel	41		10/24/2024	1953
7782-49-2	Selenium	0.30	J	10/24/2024	1953
7440-22-4	Silver	0.098	J*	10/24/2024	1953
7440-28-0	Thallium	0.12	J	10/24/2024	1953
7440-62-2	Vanadium	130	*	10/24/2024	1953
7440-66-6	Zinc	120	*	10/24/2024	1953

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

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MYDA87

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-15

% Solids: 98 Date Received: 10/04/2024

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	0.61	J	10/24/2024	1956
7440-38-2	Arsenic	150	*	10/24/2024	1956
7440-39-3	Barium	120		10/24/2024	1956
7440-41-7	Beryllium	0.39	J	10/24/2024	1956
7440-43-9	Cadmium	0.65		10/24/2024	1956
7440-47-3	Chromium	73		10/24/2024	1956
7440-48-4	Cobalt	38	*	10/24/2024	1956
7440-50-8	Copper	110	*	10/24/2024	1956
7439-92-1	Lead	19		10/24/2024	1956
7440-02-0	Nickel	52		10/24/2024	1956
7782-49-2	Selenium	2.1	U	10/24/2024	1956
7440-22-4	Silver	0.13	J*	10/24/2024	1956
7440-28-0	Thallium	0.055	J	10/24/2024	1956
7440-62-2	Vanadium	160	*	10/24/2024	1956
7440-66-6	Zinc	100	*	10/24/2024	1956

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYDA88

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-16

% Solids: 98.2 Date Received: 10/04/2024

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	0.60	J	10/24/2024	1959
7440-38-2	Arsenic	100	*	10/24/2024	1959
7440-39-3	Barium	110	D	10/25/2024	0805
7440-41-7	Beryllium	0.42		10/24/2024	1959
7440-43-9	Cadmium	0.68		10/24/2024	1959
7440-47-3	Chromium	83		10/24/2024	1959
7440-48-4	Cobalt	46	D*	10/25/2024	0805
7440-50-8	Copper	130	*	10/24/2024	1959
7439-92-1	Lead	24		10/24/2024	1959
7440-02-0	Nickel	64	D	10/25/2024	0805
7782-49-2	Selenium	0.32	J	10/24/2024	1959
7440-22-4	Silver	0.17	J*	10/24/2024	1959
7440-28-0	Thallium	0.071	J	10/24/2024	1959
7440-62-2	Vanadium	170	D*	10/25/2024	0805
7440-66-6	Zinc	110	*	10/24/2024	1959

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA89

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-19

% Solids: 97.6 Date Received: 10/04/2024

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	0.95		10/24/2024	2015
7440-38-2	Arsenic	99	*	10/24/2024	2015
7440-39-3	Barium	90		10/24/2024	2015
7440-41-7	Beryllium	0.40		10/24/2024	2015
7440-43-9	Cadmium	1.4		10/24/2024	2015
7440-47-3	Chromium	89		10/24/2024	2015
7440-48-4	Cobalt	51	*	10/24/2024	2015
7440-50-8	Copper	230	*	10/24/2024	2015
7439-92-1	Lead	54		10/24/2024	2015
7440-02-0	Nickel	62		10/24/2024	2015
7782-49-2	Selenium	0.53	J	10/24/2024	2015
7440-22-4	Silver	0.35	*	10/24/2024	2015
7440-28-0	Thallium	0.078	J	10/24/2024	2015
7440-62-2	Vanadium	130	*	10/24/2024	2015
7440-66-6	Zinc	140	*	10/24/2024	2015

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA90

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-20

% Solids: 98 Date Received: 10/04/2024

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	0.56	J	10/24/2024	2024
7440-38-2	Arsenic	98	*	10/24/2024	2024
7440-39-3	Barium	130		10/24/2024	2024
7440-41-7	Beryllium	0.42		10/24/2024	2024
7440-43-9	Cadmium	0.75		10/24/2024	2024
7440-47-3	Chromium	86		10/24/2024	2024
7440-48-4	Cobalt	41	*	10/24/2024	2024
7440-50-8	Copper	130	*	10/24/2024	2024
7439-92-1	Lead	23		10/24/2024	2024
7440-02-0	Nickel	55		10/24/2024	2024
7782-49-2	Selenium	0.44	J	10/24/2024	2024
7440-22-4	Silver	0.19	J*	10/24/2024	2024
7440-28-0	Thallium	0.087	J	10/24/2024	2024
7440-62-2	Vanadium	150	*	10/24/2024	2024
7440-66-6	Zinc	110	*	10/24/2024	2024

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MYDA91

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-21

% Solids: 98.7 Date Received: 10/04/2024

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	0.40	J	10/24/2024	2027
7440-38-2	Arsenic	120	*	10/24/2024	2027
7440-39-3	Barium	130		10/24/2024	2027
7440-41-7	Beryllium	0.38	J	10/24/2024	2027
7440-43-9	Cadmium	0.46		10/24/2024	2027
7440-47-3	Chromium	82		10/24/2024	2027
7440-48-4	Cobalt	38	*	10/24/2024	2027
7440-50-8	Copper	120	*	10/24/2024	2027
7439-92-1	Lead	14		10/24/2024	2027
7440-02-0	Nickel	57		10/24/2024	2027
7782-49-2	Selenium	0.37	J	10/24/2024	2027
7440-22-4	Silver	0.12	J*	10/24/2024	2027
7440-28-0	Thallium	0.064	J	10/24/2024	2027
7440-62-2	Vanadium	180	*	10/24/2024	2027
7440-66-6	Zinc	100	*	10/24/2024	2027

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDA92

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDA73

Matrix: SOIL Lab Sample ID: P4298-22

% Solids: 97.5 Date Received: 10/04/2024

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	10/24/2024	2030
7440-38-2	Arsenic	90	*	10/24/2024	2030
7440-39-3	Barium	90		10/24/2024	2030
7440-41-7	Beryllium	0.39		10/24/2024	2030
7440-43-9	Cadmium	0.45		10/24/2024	2030
7440-47-3	Chromium	89		10/24/2024	2030
7440-48-4	Cobalt	43	*	10/24/2024	2030
7440-50-8	Copper	150	*	10/24/2024	2030
7439-92-1	Lead	17		10/24/2024	2030
7440-02-0	Nickel	59		10/24/2024	2030
7782-49-2	Selenium	0.34	J	10/24/2024	2030
7440-22-4	Silver	0.12	J*	10/24/2024	2030
7440-28-0	Thallium	0.053	J	10/24/2024	2030
7440-62-2	Vanadium	160	*	10/24/2024	2030
7440-66-6	Zinc	93	*	10/24/2024	2030

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

Comments:
