

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4J8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-01
 % Solids: 97.5 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	0.61	J*	06/28/2024	0126
7440-38-2	Arsenic	17		06/28/2024	0126
7440-39-3	Barium	75		06/28/2024	0126
7440-41-7	Beryllium	0.35	J	06/28/2024	0126
7440-43-9	Cadmium	0.36	J	06/28/2024	0126
7440-47-3	Chromium	6.9		06/28/2024	0126
7440-48-4	Cobalt	9.6		06/28/2024	0126
7440-50-8	Copper	26		06/28/2024	0126
7439-92-1	Lead	14		06/28/2024	0126
7439-96-5	Manganese	470		06/28/2024	0126
7439-98-7	Molybdenum	4.2	U	06/28/2024	0126
7440-02-0	Nickel	12		06/28/2024	0126
7782-49-2	Selenium	2.9	U*	06/28/2024	0126
7440-22-4	Silver	0.83	U*	06/28/2024	0126
7440-28-0	Thallium	2.1	U	06/28/2024	0126
7440-62-2	Vanadium	26		06/28/2024	0126
7440-66-6	Zinc	45	*	06/28/2024	0126

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.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-04
 % Solids: 98.1 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	0.63	J*	06/28/2024	0143
7440-38-2	Arsenic	27		06/28/2024	0143
7440-39-3	Barium	85		06/28/2024	0143
7440-41-7	Beryllium	0.41	J	06/28/2024	0143
7440-43-9	Cadmium	0.78		06/28/2024	0143
7440-47-3	Chromium	7.6		06/28/2024	0143
7440-48-4	Cobalt	12		06/28/2024	0143
7440-50-8	Copper	44		06/28/2024	0143
7439-92-1	Lead	37		06/28/2024	0143
7439-96-5	Manganese	580		06/28/2024	0143
7439-98-7	Molybdenum	4.6	U	06/28/2024	0143
7440-02-0	Nickel	14		06/28/2024	0143
7782-49-2	Selenium	3.2	U*	06/28/2024	0143
7440-22-4	Silver	0.93	U*	06/28/2024	0143
7440-28-0	Thallium	2.3	U	06/28/2024	0143
7440-62-2	Vanadium	30		06/28/2024	0143
7440-66-6	Zinc	88	*	06/28/2024	0143

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

Comments:

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EPA SAMPLE NO.

MYD549

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-05
 % Solids: 98.4 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	0.59	J*	06/28/2024	0148
7440-38-2	Arsenic	22		06/28/2024	0148
7440-39-3	Barium	110		06/28/2024	0148
7440-41-7	Beryllium	0.45	J	06/28/2024	0148
7440-43-9	Cadmium	0.66		06/28/2024	0148
7440-47-3	Chromium	8.4		06/28/2024	0148
7440-48-4	Cobalt	13		06/28/2024	0148
7440-50-8	Copper	37		06/28/2024	0148
7439-92-1	Lead	24		06/28/2024	0148
7439-96-5	Manganese	510		06/28/2024	0148
7439-98-7	Molybdenum	4.6	U	06/28/2024	0148
7440-02-0	Nickel	14		06/28/2024	0148
7782-49-2	Selenium	3.2	U*	06/28/2024	0148
7440-22-4	Silver	0.92	U*	06/28/2024	0148
7440-28-0	Thallium	2.3	U	06/28/2024	0148
7440-62-2	Vanadium	37		06/28/2024	0148
7440-66-6	Zinc	67	*	06/28/2024	0148

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

Comments:

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EPA SAMPLE NO.

MYD550

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-06
 % 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	0.42	J*	06/28/2024	0152
7440-38-2	Arsenic	8.7		06/28/2024	0152
7440-39-3	Barium	110		06/28/2024	0152
7440-41-7	Beryllium	0.42	J	06/28/2024	0152
7440-43-9	Cadmium	0.34	J	06/28/2024	0152
7440-47-3	Chromium	7.5		06/28/2024	0152
7440-48-4	Cobalt	12		06/28/2024	0152
7440-50-8	Copper	22		06/28/2024	0152
7439-92-1	Lead	9.2		06/28/2024	0152
7439-96-5	Manganese	580		06/28/2024	0152
7439-98-7	Molybdenum	4.6	U	06/28/2024	0152
7440-02-0	Nickel	13		06/28/2024	0152
7782-49-2	Selenium	3.2	U*	06/28/2024	0152
7440-22-4	Silver	0.91	U*	06/28/2024	0152
7440-28-0	Thallium	2.3	U	06/28/2024	0152
7440-62-2	Vanadium	26		06/28/2024	0152
7440-66-6	Zinc	32	*	06/28/2024	0152

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

Comments:

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4J8Matrix: SOIL Lab Sample ID: P2816-07% Solids: 98.3 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	0.61	J*	06/28/2024	0157
7440-38-2	Arsenic	20		06/28/2024	0157
7440-39-3	Barium	110		06/28/2024	0157
7440-41-7	Beryllium	0.44		06/28/2024	0157
7440-43-9	Cadmium	0.61		06/28/2024	0157
7440-47-3	Chromium	7.7		06/28/2024	0157
7440-48-4	Cobalt	11		06/28/2024	0157
7440-50-8	Copper	38		06/28/2024	0157
7439-92-1	Lead	22		06/28/2024	0157
7439-96-5	Manganese	540		06/28/2024	0157
7439-98-7	Molybdenum	4.2	U	06/28/2024	0157
7440-02-0	Nickel	13		06/28/2024	0157
7782-49-2	Selenium	2.9	U*	06/28/2024	0157
7440-22-4	Silver	0.84	U*	06/28/2024	0157
7440-28-0	Thallium	2.1	U	06/28/2024	0157
7440-62-2	Vanadium	33		06/28/2024	0157
7440-66-6	Zinc	53	*	06/28/2024	0157

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.: MYD4J8Matrix: SOIL Lab Sample ID: P2816-08% Solids: 98.7 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	5.3	U*	06/28/2024	0201
7440-38-2	Arsenic	22		06/28/2024	0201
7440-39-3	Barium	50		06/28/2024	0201
7440-41-7	Beryllium	0.25	J	06/28/2024	0201
7440-43-9	Cadmium	0.58		06/28/2024	0201
7440-47-3	Chromium	5.6		06/28/2024	0201
7440-48-4	Cobalt	7.3		06/28/2024	0201
7440-50-8	Copper	35		06/28/2024	0201
7439-92-1	Lead	29		06/28/2024	0201
7439-96-5	Manganese	320		06/28/2024	0201
7439-98-7	Molybdenum	4.4	U	06/28/2024	0201
7440-02-0	Nickel	9.1		06/28/2024	0201
7782-49-2	Selenium	3.1	U*	06/28/2024	0201
7440-22-4	Silver	0.88	U*	06/28/2024	0201
7440-28-0	Thallium	2.2	U	06/28/2024	0201
7440-62-2	Vanadium	23		06/28/2024	0201
7440-66-6	Zinc	74	*	06/28/2024	0201

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

Comments:

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4J8Matrix: SOIL Lab Sample ID: P2816-09% Solids: 98.9 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	0.70	J*	06/28/2024	0205
7440-38-2	Arsenic	45		06/28/2024	0205
7440-39-3	Barium	73		06/28/2024	0205
7440-41-7	Beryllium	0.46		06/28/2024	0205
7440-43-9	Cadmium	1.2		06/28/2024	0205
7440-47-3	Chromium	7.9		06/28/2024	0205
7440-48-4	Cobalt	11		06/28/2024	0205
7440-50-8	Copper	61		06/28/2024	0205
7439-92-1	Lead	62		06/28/2024	0205
7439-96-5	Manganese	490		06/28/2024	0205
7439-98-7	Molybdenum	4.4	U	06/28/2024	0205
7440-02-0	Nickel	13		06/28/2024	0205
7782-49-2	Selenium	3.1	U*	06/28/2024	0205
7440-22-4	Silver	0.88	U*	06/28/2024	0205
7440-28-0	Thallium	2.2	U	06/28/2024	0205
7440-62-2	Vanadium	31		06/28/2024	0205
7440-66-6	Zinc	110	*	06/28/2024	0205

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

Comments:

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4J8Matrix: SOIL Lab Sample ID: P2816-10% Solids: 98.8 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	0.71	J*	06/28/2024	0210
7440-38-2	Arsenic	42		06/28/2024	0210
7440-39-3	Barium	89		06/28/2024	0210
7440-41-7	Beryllium	0.46		06/28/2024	0210
7440-43-9	Cadmium	1.1		06/28/2024	0210
7440-47-3	Chromium	8.5		06/28/2024	0210
7440-48-4	Cobalt	14		06/28/2024	0210
7440-50-8	Copper	66		06/28/2024	0210
7439-92-1	Lead	52		06/28/2024	0210
7439-96-5	Manganese	570		06/28/2024	0210
7439-98-7	Molybdenum	4.4	U	06/28/2024	0210
7440-02-0	Nickel	14		06/28/2024	0210
7782-49-2	Selenium	3.1	U*	06/28/2024	0210
7440-22-4	Silver	0.89	U*	06/28/2024	0210
7440-28-0	Thallium	2.2	U	06/28/2024	0210
7440-62-2	Vanadium	38		06/28/2024	0210
7440-66-6	Zinc	110	*	06/28/2024	0210

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.: MYD4J8Matrix: SOIL Lab Sample ID: P2816-11% Solids: 98.7 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	0.79	J*	06/28/2024	0214
7440-38-2	Arsenic	49		06/28/2024	0214
7440-39-3	Barium	62		06/28/2024	0214
7440-41-7	Beryllium	0.38	J	06/28/2024	0214
7440-43-9	Cadmium	0.93		06/28/2024	0214
7440-47-3	Chromium	9.0		06/28/2024	0214
7440-48-4	Cobalt	11		06/28/2024	0214
7440-50-8	Copper	51		06/28/2024	0214
7439-92-1	Lead	57		06/28/2024	0214
7439-96-5	Manganese	390		06/28/2024	0214
7439-98-7	Molybdenum	4.7	U	06/28/2024	0214
7440-02-0	Nickel	12		06/28/2024	0214
7782-49-2	Selenium	3.3	U*	06/28/2024	0214
7440-22-4	Silver	0.94	U*	06/28/2024	0214
7440-28-0	Thallium	2.4	U	06/28/2024	0214
7440-62-2	Vanadium	32		06/28/2024	0214
7440-66-6	Zinc	130	*	06/28/2024	0214

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.: MYD4J8Matrix: SOIL Lab Sample ID: P2816-12% Solids: 97.9 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	0.60	J*	06/28/2024	0218
7440-38-2	Arsenic	33		06/28/2024	0218
7440-39-3	Barium	100		06/28/2024	0218
7440-41-7	Beryllium	0.46		06/28/2024	0218
7440-43-9	Cadmium	1.1		06/28/2024	0218
7440-47-3	Chromium	8.5		06/28/2024	0218
7440-48-4	Cobalt	14		06/28/2024	0218
7440-50-8	Copper	89		06/28/2024	0218
7439-92-1	Lead	42		06/28/2024	0218
7439-96-5	Manganese	610		06/28/2024	0218
7439-98-7	Molybdenum	4.5	U	06/28/2024	0218
7440-02-0	Nickel	15		06/28/2024	0218
7782-49-2	Selenium	3.2	U*	06/28/2024	0218
7440-22-4	Silver	0.90	U*	06/28/2024	0218
7440-28-0	Thallium	2.3	U	06/28/2024	0218
7440-62-2	Vanadium	35		06/28/2024	0218
7440-66-6	Zinc	91	*	06/28/2024	0218

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.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-13
 % Solids: 97.7 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	4.7	U*	06/28/2024	0223
7440-38-2	Arsenic	19		06/28/2024	0223
7440-39-3	Barium	89		06/28/2024	0223
7440-41-7	Beryllium	0.39		06/28/2024	0223
7440-43-9	Cadmium	0.42		06/28/2024	0223
7440-47-3	Chromium	8.7		06/28/2024	0223
7440-48-4	Cobalt	9.5		06/28/2024	0223
7440-50-8	Copper	17		06/28/2024	0223
7439-92-1	Lead	21		06/28/2024	0223
7439-96-5	Manganese	470		06/28/2024	0223
7439-98-7	Molybdenum	3.9	U	06/28/2024	0223
7440-02-0	Nickel	13		06/28/2024	0223
7782-49-2	Selenium	2.7	U*	06/28/2024	0223
7440-22-4	Silver	0.78	U*	06/28/2024	0223
7440-28-0	Thallium	2.0	U	06/28/2024	0223
7440-62-2	Vanadium	20		06/28/2024	0223
7440-66-6	Zinc	66	*	06/28/2024	0223

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

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4J8Matrix: SOIL Lab Sample ID: P2816-14% Solids: 97.7 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	0.66	J*	06/28/2024	0227
7440-38-2	Arsenic	22		06/28/2024	0227
7440-39-3	Barium	110		06/28/2024	0227
7440-41-7	Beryllium	0.44		06/28/2024	0227
7440-43-9	Cadmium	0.55		06/28/2024	0227
7440-47-3	Chromium	9.4		06/28/2024	0227
7440-48-4	Cobalt	14		06/28/2024	0227
7440-50-8	Copper	29		06/28/2024	0227
7439-92-1	Lead	17		06/28/2024	0227
7439-96-5	Manganese	660		06/28/2024	0227
7439-98-7	Molybdenum	4.4	U	06/28/2024	0227
7440-02-0	Nickel	17		06/28/2024	0227
7782-49-2	Selenium	3.1	U*	06/28/2024	0227
7440-22-4	Silver	0.88	U*	06/28/2024	0227
7440-28-0	Thallium	2.2	U	06/28/2024	0227
7440-62-2	Vanadium	30		06/28/2024	0227
7440-66-6	Zinc	59	*	06/28/2024	0227

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

Comments:

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EPA SAMPLE NO.

MYD559

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-15
 % Solids: 97.3 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	0.54	J*	06/28/2024	0232
7440-38-2	Arsenic	42		06/28/2024	0232
7440-39-3	Barium	100		06/28/2024	0232
7440-41-7	Beryllium	0.42	J	06/28/2024	0232
7440-43-9	Cadmium	0.93		06/28/2024	0232
7440-47-3	Chromium	8.8		06/28/2024	0232
7440-48-4	Cobalt	13		06/28/2024	0232
7440-50-8	Copper	51		06/28/2024	0232
7439-92-1	Lead	48		06/28/2024	0232
7439-96-5	Manganese	530		06/28/2024	0232
7439-98-7	Molybdenum	4.9	U	06/28/2024	0232
7440-02-0	Nickel	14		06/28/2024	0232
7782-49-2	Selenium	3.4	U*	06/28/2024	0232
7440-22-4	Silver	0.97	U*	06/28/2024	0232
7440-28-0	Thallium	2.4	U	06/28/2024	0232
7440-62-2	Vanadium	34		06/28/2024	0232
7440-66-6	Zinc	110	*	06/28/2024	0232

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

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INORGANIC ANALYSIS DATA SHEET

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-16
 % Solids: 98.2 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	0.52	J*	06/28/2024	0236
7440-38-2	Arsenic	21		06/28/2024	0236
7440-39-3	Barium	130		06/28/2024	0236
7440-41-7	Beryllium	0.50		06/28/2024	0236
7440-43-9	Cadmium	0.64		06/28/2024	0236
7440-47-3	Chromium	8.9		06/28/2024	0236
7440-48-4	Cobalt	13		06/28/2024	0236
7440-50-8	Copper	35		06/28/2024	0236
7439-92-1	Lead	21		06/28/2024	0236
7439-96-5	Manganese	570		06/28/2024	0236
7439-98-7	Molybdenum	4.3	U	06/28/2024	0236
7440-02-0	Nickel	15		06/28/2024	0236
7782-49-2	Selenium	3.0	U*	06/28/2024	0236
7440-22-4	Silver	0.86	U*	06/28/2024	0236
7440-28-0	Thallium	2.1	U	06/28/2024	0236
7440-62-2	Vanadium	34		06/28/2024	0236
7440-66-6	Zinc	58	*	06/28/2024	0236

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.: MYD4J8Matrix: SOIL Lab Sample ID: P2816-17% Solids: 96.2 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	0.41	J*	06/28/2024	0240
7440-38-2	Arsenic	11		06/28/2024	0240
7440-39-3	Barium	140		06/28/2024	0240
7440-41-7	Beryllium	0.67		06/28/2024	0240
7440-43-9	Cadmium	0.54		06/28/2024	0240
7440-47-3	Chromium	14		06/28/2024	0240
7440-48-4	Cobalt	16		06/28/2024	0240
7440-50-8	Copper	27		06/28/2024	0240
7439-92-1	Lead	13		06/28/2024	0240
7439-96-5	Manganese	690		06/28/2024	0240
7439-98-7	Molybdenum	4.5	U	06/28/2024	0240
7440-02-0	Nickel	23		06/28/2024	0240
7782-49-2	Selenium	3.2	U*	06/28/2024	0240
7440-22-4	Silver	0.90	U*	06/28/2024	0240
7440-28-0	Thallium	2.3	U	06/28/2024	0240
7440-62-2	Vanadium	25		06/28/2024	0240
7440-66-6	Zinc	46	*	06/28/2024	0240

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.: MYD4J8Matrix: SOIL Lab Sample ID: P2816-18% Solids: 97.7 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	0.69	J*	06/28/2024	0245
7440-38-2	Arsenic	31		06/28/2024	0245
7440-39-3	Barium	90		06/28/2024	0245
7440-41-7	Beryllium	0.39	J	06/28/2024	0245
7440-43-9	Cadmium	0.81		06/28/2024	0245
7440-47-3	Chromium	8.0		06/28/2024	0245
7440-48-4	Cobalt	12		06/28/2024	0245
7440-50-8	Copper	39		06/28/2024	0245
7439-92-1	Lead	36		06/28/2024	0245
7439-96-5	Manganese	600		06/28/2024	0245
7439-98-7	Molybdenum	4.4	U	06/28/2024	0245
7440-02-0	Nickel	15		06/28/2024	0245
7782-49-2	Selenium	3.1	U*	06/28/2024	0245
7440-22-4	Silver	0.88	U*	06/28/2024	0245
7440-28-0	Thallium	2.2	U	06/28/2024	0245
7440-62-2	Vanadium	33		06/28/2024	0245
7440-66-6	Zinc	99	*	06/28/2024	0245

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.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-19
 % Solids: 99.8 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	0.92	J*	06/28/2024	0249
7440-38-2	Arsenic	52		06/28/2024	0249
7440-39-3	Barium	86		06/28/2024	0249
7440-41-7	Beryllium	0.41		06/28/2024	0249
7440-43-9	Cadmium	1.0		06/28/2024	0249
7440-47-3	Chromium	8.3		06/28/2024	0249
7440-48-4	Cobalt	13		06/28/2024	0249
7440-50-8	Copper	49		06/28/2024	0249
7439-92-1	Lead	51		06/28/2024	0249
7439-96-5	Manganese	480		06/28/2024	0249
7439-98-7	Molybdenum	4.1	U	06/28/2024	0249
7440-02-0	Nickel	15		06/28/2024	0249
7782-49-2	Selenium	2.9	U*	06/28/2024	0249
7440-22-4	Silver	0.82	U*	06/28/2024	0249
7440-28-0	Thallium	2.1	U	06/28/2024	0249
7440-62-2	Vanadium	37		06/28/2024	0249
7440-66-6	Zinc	130	*	06/28/2024	0249

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.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-20
 % Solids: 95.1 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	0.69	J*	06/28/2024	0302
7440-38-2	Arsenic	37		06/28/2024	0302
7440-39-3	Barium	88		06/28/2024	0302
7440-41-7	Beryllium	0.44		06/28/2024	0302
7440-43-9	Cadmium	1.1		06/28/2024	0302
7440-47-3	Chromium	7.9		06/28/2024	0302
7440-48-4	Cobalt	13		06/28/2024	0302
7440-50-8	Copper	94		06/28/2024	0302
7439-92-1	Lead	46		06/28/2024	0302
7439-96-5	Manganese	670		06/28/2024	0302
7439-98-7	Molybdenum	4.1	U	06/28/2024	0302
7440-02-0	Nickel	14		06/28/2024	0302
7782-49-2	Selenium	2.9	U*	06/28/2024	0302
7440-22-4	Silver	0.82	U*	06/28/2024	0302
7440-28-0	Thallium	2.0	U	06/28/2024	0302
7440-62-2	Vanadium	32		06/28/2024	0302
7440-66-6	Zinc	99	*	06/28/2024	0302

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.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-21
 % Solids: 99.9 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	0.51	J*	06/28/2024	0307
7440-38-2	Arsenic	37		06/28/2024	0307
7440-39-3	Barium	76		06/28/2024	0307
7440-41-7	Beryllium	0.39	J	06/28/2024	0307
7440-43-9	Cadmium	1.0		06/28/2024	0307
7440-47-3	Chromium	7.7		06/28/2024	0307
7440-48-4	Cobalt	12		06/28/2024	0307
7440-50-8	Copper	55		06/28/2024	0307
7439-92-1	Lead	49		06/28/2024	0307
7439-96-5	Manganese	510		06/28/2024	0307
7439-98-7	Molybdenum	4.4	U	06/28/2024	0307
7440-02-0	Nickel	13		06/28/2024	0307
7782-49-2	Selenium	3.1	U*	06/28/2024	0307
7440-22-4	Silver	0.89	U*	06/28/2024	0307
7440-28-0	Thallium	2.2	U	06/28/2024	0307
7440-62-2	Vanadium	30		06/28/2024	0307
7440-66-6	Zinc	110	*	06/28/2024	0307

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.: MYD4J8
 Matrix: SOIL Lab Sample ID: P2816-22
 % 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	0.52	J*	06/28/2024	0311
7440-38-2	Arsenic	18		06/28/2024	0311
7440-39-3	Barium	97		06/28/2024	0311
7440-41-7	Beryllium	0.41		06/28/2024	0311
7440-43-9	Cadmium	0.65		06/28/2024	0311
7440-47-3	Chromium	9.4		06/28/2024	0311
7440-48-4	Cobalt	12		06/28/2024	0311
7440-50-8	Copper	29		06/28/2024	0311
7439-92-1	Lead	19		06/28/2024	0311
7439-96-5	Manganese	530		06/28/2024	0311
7439-98-7	Molybdenum	3.5	U	06/28/2024	0311
7440-02-0	Nickel	14		06/28/2024	0311
7782-49-2	Selenium	2.5	U*	06/28/2024	0311
7440-22-4	Silver	0.71	U*	06/28/2024	0311
7440-28-0	Thallium	1.8	U	06/28/2024	0311
7440-62-2	Vanadium	30		06/28/2024	0311
7440-66-6	Zinc	54	*	06/28/2024	0311

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

Comments: