

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4Q8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Q8
 Matrix: SOIL Lab Sample ID: P2809-01
 % Solids: 96.6 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*	06/26/2024	1836
7440-38-2	Arsenic	49		06/26/2024	1836
7440-39-3	Barium	120		06/26/2024	1836
7440-41-7	Beryllium	0.47		06/26/2024	1836
7440-43-9	Cadmium	1.3		06/26/2024	1836
7440-47-3	Chromium	11		06/26/2024	1836
7440-48-4	Cobalt	17		06/26/2024	1836
7440-50-8	Copper	84		06/26/2024	1836
7439-92-1	Lead	43		06/26/2024	1836
7439-96-5	Manganese	650		06/26/2024	1836
7439-98-7	Molybdenum	3.5	U	06/26/2024	1836
7440-02-0	Nickel	19		06/26/2024	1836
7782-49-2	Selenium	2.5	U*	06/26/2024	1836
7440-22-4	Silver	0.70	U*	06/26/2024	1836
7440-28-0	Thallium	1.8	U*	06/26/2024	1836
7440-62-2	Vanadium	56		06/26/2024	1836
7440-66-6	Zinc	120		06/26/2024	1836

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-02% Solids: 99.3 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	1.7	J*	06/26/2024	1840
7440-38-2	Arsenic	58		06/26/2024	1840
7440-39-3	Barium	130		06/26/2024	1840
7440-41-7	Beryllium	0.52		06/26/2024	1840
7440-43-9	Cadmium	1.5		06/26/2024	1840
7440-47-3	Chromium	12		06/26/2024	1840
7440-48-4	Cobalt	19		06/26/2024	1840
7440-50-8	Copper	94		06/26/2024	1840
7439-92-1	Lead	50		06/26/2024	1840
7439-96-5	Manganese	720		06/26/2024	1840
7439-98-7	Molybdenum	0.36	J	06/26/2024	1840
7440-02-0	Nickel	21		06/26/2024	1840
7782-49-2	Selenium	2.6	U*	06/26/2024	1840
7440-22-4	Silver	0.73	U*	06/26/2024	1840
7440-28-0	Thallium	1.8	U*	06/26/2024	1840
7440-62-2	Vanadium	60		06/26/2024	1840
7440-66-6	Zinc	130		06/26/2024	1840

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

Comments:

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EPA SAMPLE NO.

MYD4R0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Q8
 Matrix: SOIL Lab Sample ID: P2809-03
 % Solids: 95.8 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	1.5	J*	06/26/2024	1845
7440-38-2	Arsenic	76		06/26/2024	1845
7440-39-3	Barium	100		06/26/2024	1845
7440-41-7	Beryllium	0.44		06/26/2024	1845
7440-43-9	Cadmium	1.0		06/26/2024	1845
7440-47-3	Chromium	9.9		06/26/2024	1845
7440-48-4	Cobalt	14		06/26/2024	1845
7440-50-8	Copper	55		06/26/2024	1845
7439-92-1	Lead	60		06/26/2024	1845
7439-96-5	Manganese	450		06/26/2024	1845
7439-98-7	Molybdenum	3.8	U	06/26/2024	1845
7440-02-0	Nickel	16		06/26/2024	1845
7782-49-2	Selenium	2.7	U*	06/26/2024	1845
7440-22-4	Silver	0.77	U*	06/26/2024	1845
7440-28-0	Thallium	1.9	U*	06/26/2024	1845
7440-62-2	Vanadium	57		06/26/2024	1845
7440-66-6	Zinc	160		06/26/2024	1845

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-04% 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	1.8	J*	06/26/2024	1849
7440-38-2	Arsenic	230		06/26/2024	1849
7440-39-3	Barium	88		06/26/2024	1849
7440-41-7	Beryllium	0.47		06/26/2024	1849
7440-43-9	Cadmium	1.3		06/26/2024	1849
7440-47-3	Chromium	11		06/26/2024	1849
7440-48-4	Cobalt	14		06/26/2024	1849
7440-50-8	Copper	79		06/26/2024	1849
7439-92-1	Lead	60		06/26/2024	1849
7439-96-5	Manganese	590		06/26/2024	1849
7439-98-7	Molybdenum	3.4	U	06/26/2024	1849
7440-02-0	Nickel	14		06/26/2024	1849
7782-49-2	Selenium	2.4	U*	06/26/2024	1849
7440-22-4	Silver	0.68	U*	06/26/2024	1849
7440-28-0	Thallium	1.7	U*	06/26/2024	1849
7440-62-2	Vanadium	54		06/26/2024	1849
7440-66-6	Zinc	120		06/26/2024	1849

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-05% Solids: 96.6 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*	06/26/2024	1853
7440-38-2	Arsenic	73		06/26/2024	1853
7440-39-3	Barium	120		06/26/2024	1853
7440-41-7	Beryllium	0.52		06/26/2024	1853
7440-43-9	Cadmium	1.4		06/26/2024	1853
7440-47-3	Chromium	14		06/26/2024	1853
7440-48-4	Cobalt	18		06/26/2024	1853
7440-50-8	Copper	65		06/26/2024	1853
7439-92-1	Lead	62		06/26/2024	1853
7439-96-5	Manganese	740		06/26/2024	1853
7439-98-7	Molybdenum	3.8	U	06/26/2024	1853
7440-02-0	Nickel	21		06/26/2024	1853
7782-49-2	Selenium	2.7	U*	06/26/2024	1853
7440-22-4	Silver	0.77	U*	06/26/2024	1853
7440-28-0	Thallium	1.9	U*	06/26/2024	1853
7440-62-2	Vanadium	67		06/26/2024	1853
7440-66-6	Zinc	170		06/26/2024	1853

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-06% 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	1.7	J*	06/26/2024	1858
7440-38-2	Arsenic	40		06/26/2024	1858
7440-39-3	Barium	200		06/26/2024	1858
7440-41-7	Beryllium	0.71		06/26/2024	1858
7440-43-9	Cadmium	0.95		06/26/2024	1858
7440-47-3	Chromium	15		06/26/2024	1858
7440-48-4	Cobalt	20		06/26/2024	1858
7440-50-8	Copper	45		06/26/2024	1858
7439-92-1	Lead	24		06/26/2024	1858
7439-96-5	Manganese	680		06/26/2024	1858
7439-98-7	Molybdenum	4.1	U	06/26/2024	1858
7440-02-0	Nickel	25		06/26/2024	1858
7782-49-2	Selenium	2.8	U*	06/26/2024	1858
7440-22-4	Silver	0.81	U*	06/26/2024	1858
7440-28-0	Thallium	2.0	U*	06/26/2024	1858
7440-62-2	Vanadium	66		06/26/2024	1858
7440-66-6	Zinc	81		06/26/2024	1858

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-07% Solids: 96.1 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	1234
7440-38-2	Arsenic	27		06/27/2024	1234
7440-39-3	Barium	120		06/27/2024	1234
7440-41-7	Beryllium	0.51		06/27/2024	1234
7440-43-9	Cadmium	0.67		06/27/2024	1234
7440-47-3	Chromium	14		06/27/2024	1234
7440-48-4	Cobalt	18		06/27/2024	1234
7440-50-8	Copper	31		06/27/2024	1234
7439-92-1	Lead	16		06/27/2024	1234
7439-96-5	Manganese	810		06/27/2024	1234
7439-98-7	Molybdenum	3.8	U	06/27/2024	1234
7440-02-0	Nickel	23		06/27/2024	1234
7782-49-2	Selenium	2.7	U*	06/27/2024	1234
7440-22-4	Silver	0.76	U*	06/27/2024	1234
7440-28-0	Thallium	1.9	U*	06/27/2024	1234
7440-62-2	Vanadium	47		06/27/2024	1234
7440-66-6	Zinc	84		06/27/2024	1234

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-08% Solids: 97.2 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	1.1	J*	06/27/2024	1238
7440-38-2	Arsenic	24		06/27/2024	1238
7440-39-3	Barium	99		06/27/2024	1238
7440-41-7	Beryllium	0.47		06/27/2024	1238
7440-43-9	Cadmium	0.56		06/27/2024	1238
7440-47-3	Chromium	13		06/27/2024	1238
7440-48-4	Cobalt	18		06/27/2024	1238
7440-50-8	Copper	25		06/27/2024	1238
7439-92-1	Lead	13		06/27/2024	1238
7439-96-5	Manganese	710		06/27/2024	1238
7439-98-7	Molybdenum	3.5	U	06/27/2024	1238
7440-02-0	Nickel	22		06/27/2024	1238
7782-49-2	Selenium	2.4	U*	06/27/2024	1238
7440-22-4	Silver	0.69	U*	06/27/2024	1238
7440-28-0	Thallium	1.7	U*	06/27/2024	1238
7440-62-2	Vanadium	45		06/27/2024	1238
7440-66-6	Zinc	68		06/27/2024	1238

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

Comments:

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Q8
 Matrix: SOIL Lab Sample ID: P2809-09
 % Solids: 97.9 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	1.6	J*	06/27/2024	1243
7440-38-2	Arsenic	47		06/27/2024	1243
7440-39-3	Barium	150		06/27/2024	1243
7440-41-7	Beryllium	0.63		06/27/2024	1243
7440-43-9	Cadmium	0.97		06/27/2024	1243
7440-47-3	Chromium	15		06/27/2024	1243
7440-48-4	Cobalt	21		06/27/2024	1243
7440-50-8	Copper	48		06/27/2024	1243
7439-92-1	Lead	34		06/27/2024	1243
7439-96-5	Manganese	750		06/27/2024	1243
7439-98-7	Molybdenum	4.0	U	06/27/2024	1243
7440-02-0	Nickel	23		06/27/2024	1243
7782-49-2	Selenium	2.8	U*	06/27/2024	1243
7440-22-4	Silver	0.79	U*	06/27/2024	1243
7440-28-0	Thallium	2.0	U*	06/27/2024	1243
7440-62-2	Vanadium	76		06/27/2024	1243
7440-66-6	Zinc	110		06/27/2024	1243

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

Comments:

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EPA SAMPLE NO.

MYD4R7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Q8
 Matrix: SOIL Lab Sample ID: P2809-10
 % 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	1.9	J*	06/27/2024	1247
7440-38-2	Arsenic	93		06/27/2024	1247
7440-39-3	Barium	120		06/27/2024	1247
7440-41-7	Beryllium	0.49		06/27/2024	1247
7440-43-9	Cadmium	1.2		06/27/2024	1247
7440-47-3	Chromium	13		06/27/2024	1247
7440-48-4	Cobalt	15		06/27/2024	1247
7440-50-8	Copper	61		06/27/2024	1247
7439-92-1	Lead	80		06/27/2024	1247
7439-96-5	Manganese	600		06/27/2024	1247
7439-98-7	Molybdenum	3.8	U	06/27/2024	1247
7440-02-0	Nickel	18		06/27/2024	1247
7782-49-2	Selenium	2.7	U*	06/27/2024	1247
7440-22-4	Silver	0.76	U*	06/27/2024	1247
7440-28-0	Thallium	1.9	U*	06/27/2024	1247
7440-62-2	Vanadium	58		06/27/2024	1247
7440-66-6	Zinc	210		06/27/2024	1247

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-13% Solids: 98.5 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	2.0	J*	06/27/2024	1304
7440-38-2	Arsenic	63		06/27/2024	1304
7440-39-3	Barium	120		06/27/2024	1304
7440-41-7	Beryllium	0.53		06/27/2024	1304
7440-43-9	Cadmium	1.2		06/27/2024	1304
7440-47-3	Chromium	14		06/27/2024	1304
7440-48-4	Cobalt	20		06/27/2024	1304
7440-50-8	Copper	56		06/27/2024	1304
7439-92-1	Lead	46		06/27/2024	1304
7439-96-5	Manganese	620		06/27/2024	1304
7439-98-7	Molybdenum	0.16	J	06/27/2024	1304
7440-02-0	Nickel	20		06/27/2024	1304
7782-49-2	Selenium	2.5	U*	06/27/2024	1304
7440-22-4	Silver	0.72	U*	06/27/2024	1304
7440-28-0	Thallium	1.8	U*	06/27/2024	1304
7440-62-2	Vanadium	74		06/27/2024	1304
7440-66-6	Zinc	140		06/27/2024	1304

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

Comments:

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EPA SAMPLE NO.

MYD4R9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Q8
 Matrix: SOIL Lab Sample ID: P2809-14
 % 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	2.1	J*	06/27/2024	1309
7440-38-2	Arsenic	88		06/27/2024	1309
7440-39-3	Barium	270		06/27/2024	1309
7440-41-7	Beryllium	0.59		06/27/2024	1309
7440-43-9	Cadmium	1.4		06/27/2024	1309
7440-47-3	Chromium	14		06/27/2024	1309
7440-48-4	Cobalt	18		06/27/2024	1309
7440-50-8	Copper	77		06/27/2024	1309
7439-92-1	Lead	85		06/27/2024	1309
7439-96-5	Manganese	1200		06/27/2024	1309
7439-98-7	Molybdenum	0.14	J	06/27/2024	1309
7440-02-0	Nickel	19		06/27/2024	1309
7782-49-2	Selenium	3.1	U*	06/27/2024	1309
7440-22-4	Silver	0.90	U*	06/27/2024	1309
7440-28-0	Thallium	2.2	U*	06/27/2024	1309
7440-62-2	Vanadium	70		06/27/2024	1309
7440-66-6	Zinc	170		06/27/2024	1309

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

Comments: _____

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Q8
 Matrix: SOIL Lab Sample ID: P2809-15
 % Solids: 99 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	1.8	J*	06/27/2024	1313
7440-38-2	Arsenic	58		06/27/2024	1313
7440-39-3	Barium	78		06/27/2024	1313
7440-41-7	Beryllium	0.46		06/27/2024	1313
7440-43-9	Cadmium	1.1		06/27/2024	1313
7440-47-3	Chromium	13		06/27/2024	1313
7440-48-4	Cobalt	13		06/27/2024	1313
7440-50-8	Copper	61		06/27/2024	1313
7439-92-1	Lead	120		06/27/2024	1313
7439-96-5	Manganese	510		06/27/2024	1313
7439-98-7	Molybdenum	0.19	J	06/27/2024	1313
7440-02-0	Nickel	15		06/27/2024	1313
7782-49-2	Selenium	2.6	U*	06/27/2024	1313
7440-22-4	Silver	0.75	U*	06/27/2024	1313
7440-28-0	Thallium	1.9	U*	06/27/2024	1313
7440-62-2	Vanadium	43		06/27/2024	1313
7440-66-6	Zinc	130		06/27/2024	1313

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-16% Solids: 98.6 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	1.7	J*	06/27/2024	1317
7440-38-2	Arsenic	73		06/27/2024	1317
7440-39-3	Barium	130		06/27/2024	1317
7440-41-7	Beryllium	0.59		06/27/2024	1317
7440-43-9	Cadmium	1.2		06/27/2024	1317
7440-47-3	Chromium	15		06/27/2024	1317
7440-48-4	Cobalt	20		06/27/2024	1317
7440-50-8	Copper	62		06/27/2024	1317
7439-92-1	Lead	56		06/27/2024	1317
7439-96-5	Manganese	670		06/27/2024	1317
7439-98-7	Molybdenum	4.2	U	06/27/2024	1317
7440-02-0	Nickel	21		06/27/2024	1317
7782-49-2	Selenium	2.9	U*	06/27/2024	1317
7440-22-4	Silver	0.84	U*	06/27/2024	1317
7440-28-0	Thallium	2.1	U*	06/27/2024	1317
7440-62-2	Vanadium	72		06/27/2024	1317
7440-66-6	Zinc	170		06/27/2024	1317

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4S2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Q8
 Matrix: SOIL Lab Sample ID: P2809-17
 % 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	1.7	J*	06/27/2024	1322
7440-38-2	Arsenic	42		06/27/2024	1322
7440-39-3	Barium	140		06/27/2024	1322
7440-41-7	Beryllium	0.60		06/27/2024	1322
7440-43-9	Cadmium	0.97		06/27/2024	1322
7440-47-3	Chromium	15		06/27/2024	1322
7440-48-4	Cobalt	19		06/27/2024	1322
7440-50-8	Copper	61		06/27/2024	1322
7439-92-1	Lead	29		06/27/2024	1322
7439-96-5	Manganese	710		06/27/2024	1322
7439-98-7	Molybdenum	3.8	U	06/27/2024	1322
7440-02-0	Nickel	21		06/27/2024	1322
7782-49-2	Selenium	2.6	U*	06/27/2024	1322
7440-22-4	Silver	0.75	U*	06/27/2024	1322
7440-28-0	Thallium	1.9	U*	06/27/2024	1322
7440-62-2	Vanadium	73		06/27/2024	1322
7440-66-6	Zinc	94		06/27/2024	1322

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.: MYD4Q8
 Matrix: SOIL Lab Sample ID: P2809-18
 % Solids: 95.3 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	1.1	J*	06/27/2024	1326
7440-38-2	Arsenic	18		06/27/2024	1326
7440-39-3	Barium	190		06/27/2024	1326
7440-41-7	Beryllium	0.78		06/27/2024	1326
7440-43-9	Cadmium	0.66		06/27/2024	1326
7440-47-3	Chromium	17		06/27/2024	1326
7440-48-4	Cobalt	21		06/27/2024	1326
7440-50-8	Copper	32		06/27/2024	1326
7439-92-1	Lead	16		06/27/2024	1326
7439-96-5	Manganese	890		06/27/2024	1326
7439-98-7	Molybdenum	4.3	U	06/27/2024	1326
7440-02-0	Nickel	29		06/27/2024	1326
7782-49-2	Selenium	3.0	U*	06/27/2024	1326
7440-22-4	Silver	0.85	U*	06/27/2024	1326
7440-28-0	Thallium	2.1	U*	06/27/2024	1326
7440-62-2	Vanadium	42		06/27/2024	1326
7440-66-6	Zinc	69		06/27/2024	1326

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-19% Solids: 94.3 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	1.1	J*	06/27/2024	1330
7440-38-2	Arsenic	27		06/27/2024	1330
7440-39-3	Barium	200		06/27/2024	1330
7440-41-7	Beryllium	0.80		06/27/2024	1330
7440-43-9	Cadmium	0.86		06/27/2024	1330
7440-47-3	Chromium	17		06/27/2024	1330
7440-48-4	Cobalt	23		06/27/2024	1330
7440-50-8	Copper	34		06/27/2024	1330
7439-92-1	Lead	20		06/27/2024	1330
7439-96-5	Manganese	970		06/27/2024	1330
7439-98-7	Molybdenum	4.2	U	06/27/2024	1330
7440-02-0	Nickel	31		06/27/2024	1330
7782-49-2	Selenium	2.9	U*	06/27/2024	1330
7440-22-4	Silver	0.84	U*	06/27/2024	1330
7440-28-0	Thallium	2.1	U*	06/27/2024	1330
7440-62-2	Vanadium	42		06/27/2024	1330
7440-66-6	Zinc	79		06/27/2024	1330

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-20% Solids: 97.1 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	1.0	J*	06/27/2024	1335
7440-38-2	Arsenic	25		06/27/2024	1335
7440-39-3	Barium	110		06/27/2024	1335
7440-41-7	Beryllium	0.42		06/27/2024	1335
7440-43-9	Cadmium	0.47		06/27/2024	1335
7440-47-3	Chromium	11		06/27/2024	1335
7440-48-4	Cobalt	16		06/27/2024	1335
7440-50-8	Copper	25		06/27/2024	1335
7439-92-1	Lead	10		06/27/2024	1335
7439-96-5	Manganese	750		06/27/2024	1335
7439-98-7	Molybdenum	3.8	U	06/27/2024	1335
7440-02-0	Nickel	18		06/27/2024	1335
7782-49-2	Selenium	2.7	U*	06/27/2024	1335
7440-22-4	Silver	0.77	U*	06/27/2024	1335
7440-28-0	Thallium	1.9	U*	06/27/2024	1335
7440-62-2	Vanadium	47		06/27/2024	1335
7440-66-6	Zinc	53		06/27/2024	1335

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.: MYD4Q8Matrix: SOIL Lab Sample ID: P2809-21% Solids: 95.2 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	1.4	J*	06/27/2024	1339
7440-38-2	Arsenic	43		06/27/2024	1339
7440-39-3	Barium	140		06/27/2024	1339
7440-41-7	Beryllium	0.63		06/27/2024	1339
7440-43-9	Cadmium	1.0		06/27/2024	1339
7440-47-3	Chromium	12		06/27/2024	1339
7440-48-4	Cobalt	18		06/27/2024	1339
7440-50-8	Copper	52		06/27/2024	1339
7439-92-1	Lead	32		06/27/2024	1339
7439-96-5	Manganese	680		06/27/2024	1339
7439-98-7	Molybdenum	3.8	U	06/27/2024	1339
7440-02-0	Nickel	22		06/27/2024	1339
7782-49-2	Selenium	2.6	U*	06/27/2024	1339
7440-22-4	Silver	0.76	U*	06/27/2024	1339
7440-28-0	Thallium	1.9	U*	06/27/2024	1339
7440-62-2	Vanadium	58		06/27/2024	1339
7440-66-6	Zinc	100		06/27/2024	1339

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD4S7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD4Q8
 Matrix: SOIL Lab Sample ID: P2809-22
 % 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	1.6	J*	06/27/2024	1343
7440-38-2	Arsenic	61		06/27/2024	1343
7440-39-3	Barium	110		06/27/2024	1343
7440-41-7	Beryllium	0.51		06/27/2024	1343
7440-43-9	Cadmium	1.2		06/27/2024	1343
7440-47-3	Chromium	11		06/27/2024	1343
7440-48-4	Cobalt	18		06/27/2024	1343
7440-50-8	Copper	66		06/27/2024	1343
7439-92-1	Lead	54		06/27/2024	1343
7439-96-5	Manganese	640		06/27/2024	1343
7439-98-7	Molybdenum	3.6	U	06/27/2024	1343
7440-02-0	Nickel	18		06/27/2024	1343
7782-49-2	Selenium	2.5	U*	06/27/2024	1343
7440-22-4	Silver	0.72	U*	06/27/2024	1343
7440-28-0	Thallium	1.8	U*	06/27/2024	1343
7440-62-2	Vanadium	59		06/27/2024	1343
7440-66-6	Zinc	150		06/27/2024	1343

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

Comments: