

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD581

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-01
 % Solids: 95.3 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	1.4	J*	06/28/2024	0505
7440-38-2	Arsenic	49		06/28/2024	0505
7440-39-3	Barium	170		06/28/2024	0505
7440-41-7	Beryllium	0.60		06/28/2024	0505
7440-43-9	Cadmium	2.4		06/28/2024	0505
7440-47-3	Chromium	23		06/28/2024	0505
7440-48-4	Cobalt	18		06/28/2024	0505
7440-50-8	Copper	240		06/28/2024	0505
7439-92-1	Lead	82		06/28/2024	0505
7439-96-5	Manganese	1100		06/28/2024	0505
7439-98-7	Molybdenum	0.23	J	06/28/2024	0505
7440-02-0	Nickel	28		06/28/2024	0505
7782-49-2	Selenium	2.7	U*	06/28/2024	0505
7440-22-4	Silver	0.77	U	06/28/2024	0505
7440-28-0	Thallium	1.9	U	06/28/2024	0505
7440-62-2	Vanadium	44		06/28/2024	0505
7440-66-6	Zinc	140	*	06/28/2024	0505

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

Comments:

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EPA SAMPLE NO.

MYD589

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD581
Matrix: SOIL Lab Sample ID: P2818-04
% Solids: 96.3 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	1.2	J*	06/28/2024	0523
7440-38-2	Arsenic	28		06/28/2024	0523
7440-39-3	Barium	190		06/28/2024	0523
7440-41-7	Beryllium	0.52		06/28/2024	0523
7440-43-9	Cadmium	1.4		06/28/2024	0523
7440-47-3	Chromium	18		06/28/2024	0523
7440-48-4	Cobalt	16		06/28/2024	0523
7440-50-8	Copper	89		06/28/2024	0523
7439-92-1	Lead	61		06/28/2024	0523
7439-96-5	Manganese	1500		06/28/2024	0523
7439-98-7	Molybdenum	4.3	U	06/28/2024	0523
7440-02-0	Nickel	24		06/28/2024	0523
7782-49-2	Selenium	3.0	U*	06/28/2024	0523
7440-22-4	Silver	0.87	U	06/28/2024	0523
7440-28-0	Thallium	2.2	U	06/28/2024	0523
7440-62-2	Vanadium	47		06/28/2024	0523
7440-66-6	Zinc	130	*	06/28/2024	0523

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.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-05
 % Solids: 98.6 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	0.64	J*	06/28/2024	0527
7440-38-2	Arsenic	17		06/28/2024	0527
7440-39-3	Barium	89		06/28/2024	0527
7440-41-7	Beryllium	0.38	J	06/28/2024	0527
7440-43-9	Cadmium	0.61		06/28/2024	0527
7440-47-3	Chromium	14		06/28/2024	0527
7440-48-4	Cobalt	9.1		06/28/2024	0527
7440-50-8	Copper	44		06/28/2024	0527
7439-92-1	Lead	33		06/28/2024	0527
7439-96-5	Manganese	420		06/28/2024	0527
7439-98-7	Molybdenum	4.4	U	06/28/2024	0527
7440-02-0	Nickel	18		06/28/2024	0527
7782-49-2	Selenium	3.1	U*	06/28/2024	0527
7440-22-4	Silver	0.87	U	06/28/2024	0527
7440-28-0	Thallium	2.2	U	06/28/2024	0527
7440-62-2	Vanadium	26		06/28/2024	0527
7440-66-6	Zinc	72	*	06/28/2024	0527

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.: MYD581Matrix: SOIL Lab Sample ID: P2818-06% Solids: 96.3 Date Received: 06/10/2024Analytical 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	1.7	J*	06/28/2024	0531
7440-38-2	Arsenic	45		06/28/2024	0531
7440-39-3	Barium	220		06/28/2024	0531
7440-41-7	Beryllium	0.63		06/28/2024	0531
7440-43-9	Cadmium	1.7		06/28/2024	0531
7440-47-3	Chromium	26		06/28/2024	0531
7440-48-4	Cobalt	19		06/28/2024	0531
7440-50-8	Copper	140		06/28/2024	0531
7439-92-1	Lead	48		06/28/2024	0531
7439-96-5	Manganese	2400		06/28/2024	0531
7439-98-7	Molybdenum	0.33	J	06/28/2024	0531
7440-02-0	Nickel	30		06/28/2024	0531
7782-49-2	Selenium	3.1	U*	06/28/2024	0531
7440-22-4	Silver	0.89	U	06/28/2024	0531
7440-28-0	Thallium	2.2	U	06/28/2024	0531
7440-62-2	Vanadium	47		06/28/2024	0531
7440-66-6	Zinc	110	*	06/28/2024	0531

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.: MYD581Matrix: SOIL Lab Sample ID: P2818-07% Solids: 95.1 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*	06/28/2024	0536
7440-38-2	Arsenic	42		06/28/2024	0536
7440-39-3	Barium	170		06/28/2024	0536
7440-41-7	Beryllium	0.63		06/28/2024	0536
7440-43-9	Cadmium	2.2		06/28/2024	0536
7440-47-3	Chromium	24		06/28/2024	0536
7440-48-4	Cobalt	17		06/28/2024	0536
7440-50-8	Copper	220		06/28/2024	0536
7439-92-1	Lead	81		06/28/2024	0536
7439-96-5	Manganese	1300		06/28/2024	0536
7439-98-7	Molybdenum	0.24	J	06/28/2024	0536
7440-02-0	Nickel	28		06/28/2024	0536
7782-49-2	Selenium	3.2	U*	06/28/2024	0536
7440-22-4	Silver	0.92	U	06/28/2024	0536
7440-28-0	Thallium	2.3	U	06/28/2024	0536
7440-62-2	Vanadium	43		06/28/2024	0536
7440-66-6	Zinc	150	*	06/28/2024	0536

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

Comments:

MYD593

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Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-08
 % Solids: 96.9 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	2.4	J*	06/28/2024	0540
7440-38-2	Arsenic	37		06/28/2024	0540
7440-39-3	Barium	180		06/28/2024	0540
7440-41-7	Beryllium	0.53		06/28/2024	0540
7440-43-9	Cadmium	1.8		06/28/2024	0540
7440-47-3	Chromium	24		06/28/2024	0540
7440-48-4	Cobalt	16		06/28/2024	0540
7440-50-8	Copper	190		06/28/2024	0540
7439-92-1	Lead	55		06/28/2024	0540
7439-96-5	Manganese	1300		06/28/2024	0540
7439-98-7	Molybdenum	0.21	J	06/28/2024	0540
7440-02-0	Nickel	25		06/28/2024	0540
7782-49-2	Selenium	3.3	U*	06/28/2024	0540
7440-22-4	Silver	0.95	U	06/28/2024	0540
7440-28-0	Thallium	2.4	U	06/28/2024	0540
7440-62-2	Vanadium	43		06/28/2024	0540
7440-66-6	Zinc	190	*	06/28/2024	0540

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.: MYD581Matrix: SOIL Lab Sample ID: P2818-09% Solids: 93.8 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	2.3	J*	06/28/2024	0544
7440-38-2	Arsenic	23		06/28/2024	0544
7440-39-3	Barium	120		06/28/2024	0544
7440-41-7	Beryllium	0.44	J	06/28/2024	0544
7440-43-9	Cadmium	0.98		06/28/2024	0544
7440-47-3	Chromium	17		06/28/2024	0544
7440-48-4	Cobalt	12		06/28/2024	0544
7440-50-8	Copper	70		06/28/2024	0544
7439-92-1	Lead	53		06/28/2024	0544
7439-96-5	Manganese	600		06/28/2024	0544
7439-98-7	Molybdenum	4.8	U	06/28/2024	0544
7440-02-0	Nickel	22		06/28/2024	0544
7782-49-2	Selenium	3.3	U*	06/28/2024	0544
7440-22-4	Silver	0.95	U	06/28/2024	0544
7440-28-0	Thallium	2.4	U	06/28/2024	0544
7440-62-2	Vanadium	34		06/28/2024	0544
7440-66-6	Zinc	110	*	06/28/2024	0544

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.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-10
 % Solids: 91.4 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	0.97	J*	06/28/2024	0549
7440-38-2	Arsenic	24		06/28/2024	0549
7440-39-3	Barium	140		06/28/2024	0549
7440-41-7	Beryllium	0.55		06/28/2024	0549
7440-43-9	Cadmium	1.2		06/28/2024	0549
7440-47-3	Chromium	23		06/28/2024	0549
7440-48-4	Cobalt	18		06/28/2024	0549
7440-50-8	Copper	71		06/28/2024	0549
7439-92-1	Lead	47		06/28/2024	0549
7439-96-5	Manganese	900		06/28/2024	0549
7439-98-7	Molybdenum	0.35	J	06/28/2024	0549
7440-02-0	Nickel	27		06/28/2024	0549
7782-49-2	Selenium	3.4	U*	06/28/2024	0549
7440-22-4	Silver	0.97	U	06/28/2024	0549
7440-28-0	Thallium	2.4	U	06/28/2024	0549
7440-62-2	Vanadium	44		06/28/2024	0549
7440-66-6	Zinc	96	*	06/28/2024	0549

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.: MYD581Matrix: SOIL Lab Sample ID: P2818-11% Solids: 98 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	0553
7440-38-2	Arsenic	4.1		06/28/2024	0553
7440-39-3	Barium	43		06/28/2024	0553
7440-41-7	Beryllium	0.24	J	06/28/2024	0553
7440-43-9	Cadmium	0.16	J	06/28/2024	0553
7440-47-3	Chromium	12		06/28/2024	0553
7440-48-4	Cobalt	5.1		06/28/2024	0553
7440-50-8	Copper	12		06/28/2024	0553
7439-92-1	Lead	4.7		06/28/2024	0553
7439-96-5	Manganese	190		06/28/2024	0553
7439-98-7	Molybdenum	4.4	U	06/28/2024	0553
7440-02-0	Nickel	16		06/28/2024	0553
7782-49-2	Selenium	3.1	U*	06/28/2024	0553
7440-22-4	Silver	0.89	U	06/28/2024	0553
7440-28-0	Thallium	2.2	U	06/28/2024	0553
7440-62-2	Vanadium	12		06/28/2024	0553
7440-66-6	Zinc	25	*	06/28/2024	0553

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

Comments:

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EPA SAMPLE NO.

MYD597

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-12
 % Solids: 97.6 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	0.47	J*	06/28/2024	0557
7440-38-2	Arsenic	6.3		06/28/2024	0557
7440-39-3	Barium	87		06/28/2024	0557
7440-41-7	Beryllium	0.40	J	06/28/2024	0557
7440-43-9	Cadmium	0.28	J	06/28/2024	0557
7440-47-3	Chromium	20		06/28/2024	0557
7440-48-4	Cobalt	8.4		06/28/2024	0557
7440-50-8	Copper	18		06/28/2024	0557
7439-92-1	Lead	7.1		06/28/2024	0557
7439-96-5	Manganese	310		06/28/2024	0557
7439-98-7	Molybdenum	0.15	J	06/28/2024	0557
7440-02-0	Nickel	23		06/28/2024	0557
7782-49-2	Selenium	3.2	U*	06/28/2024	0557
7440-22-4	Silver	0.92	U	06/28/2024	0557
7440-28-0	Thallium	2.3	U	06/28/2024	0557
7440-62-2	Vanadium	23		06/28/2024	0557
7440-66-6	Zinc	33	*	06/28/2024	0557

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.: MYD581Matrix: SOIL Lab Sample ID: P2818-13% Solids: 95.3 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	0.94	J*	06/28/2024	0602
7440-38-2	Arsenic	23		06/28/2024	0602
7440-39-3	Barium	120		06/28/2024	0602
7440-41-7	Beryllium	0.47		06/28/2024	0602
7440-43-9	Cadmium	1.0		06/28/2024	0602
7440-47-3	Chromium	14		06/28/2024	0602
7440-48-4	Cobalt	12		06/28/2024	0602
7440-50-8	Copper	62		06/28/2024	0602
7439-92-1	Lead	55		06/28/2024	0602
7439-96-5	Manganese	620		06/28/2024	0602
7439-98-7	Molybdenum	4.5	U	06/28/2024	0602
7440-02-0	Nickel	21		06/28/2024	0602
7782-49-2	Selenium	3.1	U*	06/28/2024	0602
7440-22-4	Silver	0.90	U	06/28/2024	0602
7440-28-0	Thallium	2.2	U	06/28/2024	0602
7440-62-2	Vanadium	30		06/28/2024	0602
7440-66-6	Zinc	110	*	06/28/2024	0602

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.: MYD581Matrix: SOIL Lab Sample ID: P2818-14% 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	1.2	J*	06/28/2024	0615
7440-38-2	Arsenic	28		06/28/2024	0615
7440-39-3	Barium	140		06/28/2024	0615
7440-41-7	Beryllium	0.57		06/28/2024	0615
7440-43-9	Cadmium	1.9		06/28/2024	0615
7440-47-3	Chromium	15		06/28/2024	0615
7440-48-4	Cobalt	14		06/28/2024	0615
7440-50-8	Copper	120		06/28/2024	0615
7439-92-1	Lead	120		06/28/2024	0615
7439-96-5	Manganese	680		06/28/2024	0615
7439-98-7	Molybdenum	4.5	U	06/28/2024	0615
7440-02-0	Nickel	21		06/28/2024	0615
7782-49-2	Selenium	3.2	U*	06/28/2024	0615
7440-22-4	Silver	0.16	J	06/28/2024	0615
7440-28-0	Thallium	2.3	U	06/28/2024	0615
7440-62-2	Vanadium	32		06/28/2024	0615
7440-66-6	Zinc	260	*	06/28/2024	0615

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.: MYD581Matrix: SOIL Lab Sample ID: P2818-15% Solids: 96.8 Date Received: 06/10/2024Analytical 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	1.1	J*	06/28/2024	0619
7440-38-2	Arsenic	28		06/28/2024	0619
7440-39-3	Barium	140		06/28/2024	0619
7440-41-7	Beryllium	0.54		06/28/2024	0619
7440-43-9	Cadmium	1.5		06/28/2024	0619
7440-47-3	Chromium	14		06/28/2024	0619
7440-48-4	Cobalt	12		06/28/2024	0619
7440-50-8	Copper	96		06/28/2024	0619
7439-92-1	Lead	140		06/28/2024	0619
7439-96-5	Manganese	530		06/28/2024	0619
7439-98-7	Molybdenum	4.0	U	06/28/2024	0619
7440-02-0	Nickel	19		06/28/2024	0619
7782-49-2	Selenium	2.8	U*	06/28/2024	0619
7440-22-4	Silver	0.32	J	06/28/2024	0619
7440-28-0	Thallium	2.0	U	06/28/2024	0619
7440-62-2	Vanadium	28		06/28/2024	0619
7440-66-6	Zinc	260	*	06/28/2024	0619

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.: MYD581Matrix: SOIL Lab Sample ID: P2818-16% 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	1.1	J*	06/28/2024	0624
7440-38-2	Arsenic	24		06/28/2024	0624
7440-39-3	Barium	99		06/28/2024	0624
7440-41-7	Beryllium	0.38	J	06/28/2024	0624
7440-43-9	Cadmium	0.98		06/28/2024	0624
7440-47-3	Chromium	15		06/28/2024	0624
7440-48-4	Cobalt	12		06/28/2024	0624
7440-50-8	Copper	74		06/28/2024	0624
7439-92-1	Lead	78		06/28/2024	0624
7439-96-5	Manganese	430		06/28/2024	0624
7439-98-7	Molybdenum	0.18	J	06/28/2024	0624
7440-02-0	Nickel	19		06/28/2024	0624
7782-49-2	Selenium	2.7	U*	06/28/2024	0624
7440-22-4	Silver	0.78	U	06/28/2024	0624
7440-28-0	Thallium	2.0	U	06/28/2024	0624
7440-62-2	Vanadium	35		06/28/2024	0624
7440-66-6	Zinc	100	*	06/28/2024	0624

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.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-17
 % Solids: 98.6 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	0.77	J*	06/28/2024	0628
7440-38-2	Arsenic	21		06/28/2024	0628
7440-39-3	Barium	81		06/28/2024	0628
7440-41-7	Beryllium	0.34	J	06/28/2024	0628
7440-43-9	Cadmium	0.83		06/28/2024	0628
7440-47-3	Chromium	12		06/28/2024	0628
7440-48-4	Cobalt	9.1		06/28/2024	0628
7440-50-8	Copper	59		06/28/2024	0628
7439-92-1	Lead	49		06/28/2024	0628
7439-96-5	Manganese	350		06/28/2024	0628
7439-98-7	Molybdenum	0.15	J	06/28/2024	0628
7440-02-0	Nickel	15		06/28/2024	0628
7782-49-2	Selenium	2.8	U*	06/28/2024	0628
7440-22-4	Silver	0.79	U	06/28/2024	0628
7440-28-0	Thallium	2.0	U	06/28/2024	0628
7440-62-2	Vanadium	30		06/28/2024	0628
7440-66-6	Zinc	85	*	06/28/2024	0628

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD5A4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-18
 % 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	0.76	J*	06/28/2024	0633
7440-38-2	Arsenic	22		06/28/2024	0633
7440-39-3	Barium	130		06/28/2024	0633
7440-41-7	Beryllium	0.45		06/28/2024	0633
7440-43-9	Cadmium	1.2		06/28/2024	0633
7440-47-3	Chromium	16		06/28/2024	0633
7440-48-4	Cobalt	12		06/28/2024	0633
7440-50-8	Copper	89		06/28/2024	0633
7439-92-1	Lead	100		06/28/2024	0633
7439-96-5	Manganese	410		06/28/2024	0633
7439-98-7	Molybdenum	0.19	J	06/28/2024	0633
7440-02-0	Nickel	21		06/28/2024	0633
7782-49-2	Selenium	2.9	U*	06/28/2024	0633
7440-22-4	Silver	0.25	J	06/28/2024	0633
7440-28-0	Thallium	2.1	U	06/28/2024	0633
7440-62-2	Vanadium	38		06/28/2024	0633
7440-66-6	Zinc	150	*	06/28/2024	0633

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD5A5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-19
 % Solids: 97.9 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	2.1	J*	06/28/2024	0637
7440-38-2	Arsenic	130		06/28/2024	0637
7440-39-3	Barium	210		06/28/2024	0637
7440-41-7	Beryllium	0.61		06/28/2024	0637
7440-43-9	Cadmium	1.2		06/28/2024	0637
7440-47-3	Chromium	56		06/28/2024	0637
7440-48-4	Cobalt	38		06/28/2024	0637
7440-50-8	Copper	55		06/28/2024	0637
7439-92-1	Lead	9.1		06/28/2024	0637
7439-96-5	Manganese	1800		06/28/2024	0637
7439-98-7	Molybdenum	4.1	U	06/28/2024	0637
7440-02-0	Nickel	64		06/28/2024	0637
7782-49-2	Selenium	2.9	U*	06/28/2024	0637
7440-22-4	Silver	0.82	U	06/28/2024	0637
7440-28-0	Thallium	2.0	U	06/28/2024	0637
7440-62-2	Vanadium	110		06/28/2024	0637
7440-66-6	Zinc	60	*	06/28/2024	0637

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD5A6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-20
 % Solids: 98.4 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	0.83	J*	06/28/2024	0641
7440-38-2	Arsenic	61		06/28/2024	0641
7440-39-3	Barium	41		06/28/2024	0641
7440-41-7	Beryllium	0.18	J	06/28/2024	0641
7440-43-9	Cadmium	0.36		06/28/2024	0641
7440-47-3	Chromium	29		06/28/2024	0641
7440-48-4	Cobalt	12		06/28/2024	0641
7440-50-8	Copper	25		06/28/2024	0641
7439-92-1	Lead	4.3		06/28/2024	0641
7439-96-5	Manganese	360		06/28/2024	0641
7439-98-7	Molybdenum	3.6	U	06/28/2024	0641
7440-02-0	Nickel	21		06/28/2024	0641
7782-49-2	Selenium	2.5	U*	06/28/2024	0641
7440-22-4	Silver	0.72	U	06/28/2024	0641
7440-28-0	Thallium	1.8	U	06/28/2024	0641
7440-62-2	Vanadium	43		06/28/2024	0641
7440-66-6	Zinc	27	*	06/28/2024	0641

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYD5A7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-21
 % Solids: 97 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	2.5	J*	06/28/2024	0646
7440-38-2	Arsenic	71		06/28/2024	0646
7440-39-3	Barium	230		06/28/2024	0646
7440-41-7	Beryllium	0.77		06/28/2024	0646
7440-43-9	Cadmium	1.2		06/28/2024	0646
7440-47-3	Chromium	51		06/28/2024	0646
7440-48-4	Cobalt	31		06/28/2024	0646
7440-50-8	Copper	52		06/28/2024	0646
7439-92-1	Lead	13		06/28/2024	0646
7439-96-5	Manganese	2100		06/28/2024	0646
7439-98-7	Molybdenum	4.3	U	06/28/2024	0646
7440-02-0	Nickel	68		06/28/2024	0646
7782-49-2	Selenium	3.0	U*	06/28/2024	0646
7440-22-4	Silver	0.87	U	06/28/2024	0646
7440-28-0	Thallium	2.2	U	06/28/2024	0646
7440-62-2	Vanadium	77		06/28/2024	0646
7440-66-6	Zinc	63	*	06/28/2024	0646

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

MYD5A8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51495 MA No. : 3208.0 SDG No.: MYD581
 Matrix: SOIL Lab Sample ID: P2818-22
 % Solids: 96.5 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	2.1	J*	06/28/2024	0650
7440-38-2	Arsenic	73		06/28/2024	0650
7440-39-3	Barium	200		06/28/2024	0650
7440-41-7	Beryllium	0.64		06/28/2024	0650
7440-43-9	Cadmium	1.2		06/28/2024	0650
7440-47-3	Chromium	57		06/28/2024	0650
7440-48-4	Cobalt	31		06/28/2024	0650
7440-50-8	Copper	47		06/28/2024	0650
7439-92-1	Lead	12		06/28/2024	0650
7439-96-5	Manganese	1300		06/28/2024	0650
7439-98-7	Molybdenum	4.8	U	06/28/2024	0650
7440-02-0	Nickel	64		06/28/2024	0650
7782-49-2	Selenium	3.3	U*	06/28/2024	0650
7440-22-4	Silver	0.95	U	06/28/2024	0650
7440-28-0	Thallium	2.4	U	06/28/2024	0650
7440-62-2	Vanadium	84		06/28/2024	0650
7440-66-6	Zinc	59	*	06/28/2024	0650

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

Comments: