

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHMZ2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-01

% Solids: 75.9 Date Received: 12/07/2024

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
7429-90-5	Aluminum	5800		01/12/2025	0436
7440-36-0	Antimony	6.6	U*	01/12/2025	0436
7440-38-2	Arsenic	11		01/12/2025	0436
7440-39-3	Barium	110		01/12/2025	0436
7440-41-7	Beryllium	0.48	J*	01/12/2025	0436
7440-43-9	Cadmium	0.99		01/12/2025	0436
7440-70-2	Calcium	3700	*	01/12/2025	0436
7440-47-3	Chromium	18	*	01/12/2025	0436
7440-48-4	Cobalt	9.1		01/12/2025	0436
7440-50-8	Copper	37		01/12/2025	0436
7439-89-6	Iron	15000	*	01/12/2025	0436
7439-92-1	Lead	230		01/12/2025	0436
7439-95-4	Magnesium	1600		01/12/2025	0436
7439-96-5	Manganese	860	*	01/12/2025	0436
7440-02-0	Nickel	21		01/12/2025	0436
7440-09-7	Potassium	790		01/12/2025	0436
7782-49-2	Selenium	3.2	J*	01/12/2025	0436
7440-22-4	Silver	1.1	U*	01/12/2025	0436
7440-23-5	Sodium	550	U	01/12/2025	0436
7440-28-0	Thallium	2.8	U	01/12/2025	0436
7440-62-2	Vanadium	15		01/12/2025	0436
7440-66-6	Zinc	160	*	01/12/2025	0436

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

Comments:

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MBHMZ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-02

% Solids: 81.2 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6400		01/12/2025	0440
7440-36-0	Antimony	6.7	U*	01/12/2025	0440
7440-38-2	Arsenic	16		01/12/2025	0440
7440-39-3	Barium	120		01/12/2025	0440
7440-41-7	Beryllium	0.52	J*	01/12/2025	0440
7440-43-9	Cadmium	0.88		01/12/2025	0440
7440-70-2	Calcium	2400	*	01/12/2025	0440
7440-47-3	Chromium	17	*	01/12/2025	0440
7440-48-4	Cobalt	10		01/12/2025	0440
7440-50-8	Copper	41		01/12/2025	0440
7439-89-6	Iron	16000	*	01/12/2025	0440
7439-92-1	Lead	290		01/12/2025	0440
7439-95-4	Magnesium	1700		01/12/2025	0440
7439-96-5	Manganese	910	*	01/12/2025	0440
7440-02-0	Nickel	20		01/12/2025	0440
7440-09-7	Potassium	830		01/12/2025	0440
7782-49-2	Selenium	3.4	J*	01/12/2025	0440
7440-22-4	Silver	1.1	U*	01/12/2025	0440
7440-23-5	Sodium	560	U	01/12/2025	0440
7440-28-0	Thallium	2.8	U	01/12/2025	0440
7440-62-2	Vanadium	17		01/12/2025	0440
7440-66-6	Zinc	150	*	01/12/2025	0440

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

Comments:

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MBHMZ4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-03

% Solids: 83.8 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6100		01/12/2025	0443
7440-36-0	Antimony	5.3	U*	01/12/2025	0443
7440-38-2	Arsenic	16		01/12/2025	0443
7440-39-3	Barium	140		01/12/2025	0443
7440-41-7	Beryllium	0.49	*	01/12/2025	0443
7440-43-9	Cadmium	0.86		01/12/2025	0443
7440-70-2	Calcium	2400	*	01/12/2025	0443
7440-47-3	Chromium	13	*	01/12/2025	0443
7440-48-4	Cobalt	9.3		01/12/2025	0443
7440-50-8	Copper	41		01/12/2025	0443
7439-89-6	Iron	15000	*	01/12/2025	0443
7439-92-1	Lead	240		01/12/2025	0443
7439-95-4	Magnesium	1400		01/12/2025	0443
7439-96-5	Manganese	860	*	01/12/2025	0443
7440-02-0	Nickel	17		01/12/2025	0443
7440-09-7	Potassium	700		01/12/2025	0443
7782-49-2	Selenium	3.0	J*	01/12/2025	0443
7440-22-4	Silver	0.88	U*	01/12/2025	0443
7440-23-5	Sodium	440	U	01/12/2025	0443
7440-28-0	Thallium	2.2	U	01/12/2025	0443
7440-62-2	Vanadium	15		01/12/2025	0443
7440-66-6	Zinc	140	*	01/12/2025	0443

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

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MBHMZ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-04

% Solids: 86.9 Date Received: 12/07/2024

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
7429-90-5	Aluminum	5900		01/12/2025	0447
7440-36-0	Antimony	6.0	U*	01/12/2025	0447
7440-38-2	Arsenic	11		01/12/2025	0447
7440-39-3	Barium	85		01/12/2025	0447
7440-41-7	Beryllium	0.43	J*	01/12/2025	0447
7440-43-9	Cadmium	0.75		01/12/2025	0447
7440-70-2	Calcium	2000	*	01/12/2025	0447
7440-47-3	Chromium	11	*	01/12/2025	0447
7440-48-4	Cobalt	9.6		01/12/2025	0447
7440-50-8	Copper	32		01/12/2025	0447
7439-89-6	Iron	15000	*	01/12/2025	0447
7439-92-1	Lead	99		01/12/2025	0447
7439-95-4	Magnesium	1600		01/12/2025	0447
7439-96-5	Manganese	830	*	01/12/2025	0447
7440-02-0	Nickel	17		01/12/2025	0447
7440-09-7	Potassium	460	J	01/12/2025	0447
7782-49-2	Selenium	3.0	J*	01/12/2025	0447
7440-22-4	Silver	1.0	U*	01/12/2025	0447
7440-23-5	Sodium	500	U	01/12/2025	0447
7440-28-0	Thallium	2.5	U	01/12/2025	0447
7440-62-2	Vanadium	15		01/12/2025	0447
7440-66-6	Zinc	86	*	01/12/2025	0447

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

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MBHMZ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-05

% Solids: 82.5 Date Received: 12/07/2024

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
7429-90-5	Aluminum	7100		01/12/2025	0451
7440-36-0	Antimony	5.2	U*	01/12/2025	0451
7440-38-2	Arsenic	11		01/12/2025	0451
7440-39-3	Barium	87		01/12/2025	0451
7440-41-7	Beryllium	0.50	*	01/12/2025	0451
7440-43-9	Cadmium	1.0		01/12/2025	0451
7440-70-2	Calcium	2400	*	01/12/2025	0451
7440-47-3	Chromium	12	*	01/12/2025	0451
7440-48-4	Cobalt	13		01/12/2025	0451
7440-50-8	Copper	44		01/12/2025	0451
7439-89-6	Iron	18000	*	01/12/2025	0451
7439-92-1	Lead	67		01/12/2025	0451
7439-95-4	Magnesium	1900		01/12/2025	0451
7439-96-5	Manganese	990	*	01/12/2025	0451
7440-02-0	Nickel	24		01/12/2025	0451
7440-09-7	Potassium	550		01/12/2025	0451
7782-49-2	Selenium	3.2	*	01/12/2025	0451
7440-22-4	Silver	0.87	U*	01/12/2025	0451
7440-23-5	Sodium	430	U	01/12/2025	0451
7440-28-0	Thallium	2.2	U	01/12/2025	0451
7440-62-2	Vanadium	16		01/12/2025	0451
7440-66-6	Zinc	76	*	01/12/2025	0451

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

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MBHMZ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-06

% Solids: 88.6 Date Received: 12/07/2024

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
7429-90-5	Aluminum	4700		01/12/2025	0455
7440-36-0	Antimony	5.8	U*	01/12/2025	0455
7440-38-2	Arsenic	6.5		01/12/2025	0455
7440-39-3	Barium	47		01/12/2025	0455
7440-41-7	Beryllium	0.36	J*	01/12/2025	0455
7440-43-9	Cadmium	0.58		01/12/2025	0455
7440-70-2	Calcium	68000	*	01/12/2025	0455
7440-47-3	Chromium	7.9	*	01/12/2025	0455
7440-48-4	Cobalt	7.8		01/12/2025	0455
7440-50-8	Copper	37		01/12/2025	0455
7439-89-6	Iron	12000	*	01/12/2025	0455
7439-92-1	Lead	30		01/12/2025	0455
7439-95-4	Magnesium	5000		01/12/2025	0455
7439-96-5	Manganese	720	*	01/12/2025	0455
7440-02-0	Nickel	15		01/12/2025	0455
7440-09-7	Potassium	670		01/12/2025	0455
7782-49-2	Selenium	1.3	J*	01/12/2025	0455
7440-22-4	Silver	0.97	U*	01/12/2025	0455
7440-23-5	Sodium	69	J	01/12/2025	0455
7440-28-0	Thallium	2.4	U	01/12/2025	0455
7440-62-2	Vanadium	9.4		01/12/2025	0455
7440-66-6	Zinc	50	*	01/12/2025	0455

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

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MBHMZ8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-07

% Solids: 87.9 Date Received: 12/07/2024

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
7429-90-5	Aluminum	4000		01/12/2025	0508
7440-36-0	Antimony	5.8	U*	01/12/2025	0508
7440-38-2	Arsenic	5.6		01/12/2025	0508
7440-39-3	Barium	35		01/12/2025	0508
7440-41-7	Beryllium	0.32	J*	01/12/2025	0508
7440-43-9	Cadmium	0.57		01/12/2025	0508
7440-70-2	Calcium	120000	D*	01/12/2025	1908
7440-47-3	Chromium	6.3	*	01/12/2025	0508
7440-48-4	Cobalt	6.5		01/12/2025	0508
7440-50-8	Copper	29		01/12/2025	0508
7439-89-6	Iron	10000	*	01/12/2025	0508
7439-92-1	Lead	23		01/12/2025	0508
7439-95-4	Magnesium	13000		01/12/2025	0508
7439-96-5	Manganese	900	*	01/12/2025	0508
7440-02-0	Nickel	13		01/12/2025	0508
7440-09-7	Potassium	610		01/12/2025	0508
7782-49-2	Selenium	3.4	U*	01/12/2025	0508
7440-22-4	Silver	0.97	U*	01/12/2025	0508
7440-23-5	Sodium	130	J	01/12/2025	0508
7440-28-0	Thallium	2.4	U	01/12/2025	0508
7440-62-2	Vanadium	8.1		01/12/2025	0508
7440-66-6	Zinc	46	*	01/12/2025	0508

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

Comments:

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MBHN75

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-08

% Solids: 60.9 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6600		01/12/2025	0512
7440-36-0	Antimony	8.6	U*	01/12/2025	0512
7440-38-2	Arsenic	8.5		01/12/2025	0512
7440-39-3	Barium	130		01/12/2025	0512
7440-41-7	Beryllium	0.52	J*	01/12/2025	0512
7440-43-9	Cadmium	0.99		01/12/2025	0512
7440-70-2	Calcium	22000	*	01/12/2025	0512
7440-47-3	Chromium	16	*	01/12/2025	0512
7440-48-4	Cobalt	8.0		01/12/2025	0512
7440-50-8	Copper	31		01/12/2025	0512
7439-89-6	Iron	17000	*	01/12/2025	0512
7439-92-1	Lead	220		01/12/2025	0512
7439-95-4	Magnesium	5400		01/12/2025	0512
7439-96-5	Manganese	1000	*	01/12/2025	0512
7440-02-0	Nickel	20		01/12/2025	0512
7440-09-7	Potassium	1400		01/12/2025	0512
7782-49-2	Selenium	3.5	J*	01/12/2025	0512
7440-22-4	Silver	1.4	U*	01/12/2025	0512
7440-23-5	Sodium	720	U	01/12/2025	0512
7440-28-0	Thallium	3.6	U	01/12/2025	0512
7440-62-2	Vanadium	16		01/12/2025	0512
7440-66-6	Zinc	200	*	01/12/2025	0512

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

Comments:

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MBHN76

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-09

% Solids: 71.2 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6000		01/12/2025	0516
7440-36-0	Antimony	7.5	U*	01/12/2025	0516
7440-38-2	Arsenic	8.9		01/12/2025	0516
7440-39-3	Barium	170		01/12/2025	0516
7440-41-7	Beryllium	0.49	J*	01/12/2025	0516
7440-43-9	Cadmium	1.0		01/12/2025	0516
7440-70-2	Calcium	47000	*	01/12/2025	0516
7440-47-3	Chromium	14	*	01/12/2025	0516
7440-48-4	Cobalt	7.8		01/12/2025	0516
7440-50-8	Copper	27		01/12/2025	0516
7439-89-6	Iron	16000	*	01/12/2025	0516
7439-92-1	Lead	220		01/12/2025	0516
7439-95-4	Magnesium	5200		01/12/2025	0516
7439-96-5	Manganese	1200	*	01/12/2025	0516
7440-02-0	Nickel	17		01/12/2025	0516
7440-09-7	Potassium	1100		01/12/2025	0516
7782-49-2	Selenium	2.8	J*	01/12/2025	0516
7440-22-4	Silver	1.3	U*	01/12/2025	0516
7440-23-5	Sodium	630	U	01/12/2025	0516
7440-28-0	Thallium	3.1	U	01/12/2025	0516
7440-62-2	Vanadium	16		01/12/2025	0516
7440-66-6	Zinc	200	*	01/12/2025	0516

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHN77

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-10

% Solids: 79 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6100		01/12/2025	0520
7440-36-0	Antimony	6.7	U*	01/12/2025	0520
7440-38-2	Arsenic	9.7		01/12/2025	0520
7440-39-3	Barium	130		01/12/2025	0520
7440-41-7	Beryllium	0.47	J*	01/12/2025	0520
7440-43-9	Cadmium	0.96		01/12/2025	0520
7440-70-2	Calcium	24000	*	01/12/2025	0520
7440-47-3	Chromium	14	*	01/12/2025	0520
7440-48-4	Cobalt	7.9		01/12/2025	0520
7440-50-8	Copper	27		01/12/2025	0520
7439-89-6	Iron	16000	*	01/12/2025	0520
7439-92-1	Lead	260		01/12/2025	0520
7439-95-4	Magnesium	5800		01/12/2025	0520
7439-96-5	Manganese	920	*	01/12/2025	0520
7440-02-0	Nickel	18		01/12/2025	0520
7440-09-7	Potassium	1000		01/12/2025	0520
7782-49-2	Selenium	3.2	J*	01/12/2025	0520
7440-22-4	Silver	1.1	U*	01/12/2025	0520
7440-23-5	Sodium	560	U	01/12/2025	0520
7440-28-0	Thallium	2.8	U	01/12/2025	0520
7440-62-2	Vanadium	14		01/12/2025	0520
7440-66-6	Zinc	180	*	01/12/2025	0520

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHN78

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-11

% Solids: 76.8 Date Received: 12/07/2024

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
7429-90-5	Aluminum	7100		01/12/2025	0524
7440-36-0	Antimony	7.0	U*	01/12/2025	0524
7440-38-2	Arsenic	9.8		01/12/2025	0524
7440-39-3	Barium	150		01/12/2025	0524
7440-41-7	Beryllium	0.53	J*	01/12/2025	0524
7440-43-9	Cadmium	0.89		01/12/2025	0524
7440-70-2	Calcium	7800	*	01/12/2025	0524
7440-47-3	Chromium	14	*	01/12/2025	0524
7440-48-4	Cobalt	8.1		01/12/2025	0524
7440-50-8	Copper	26		01/12/2025	0524
7439-89-6	Iron	17000	*	01/12/2025	0524
7439-92-1	Lead	180		01/12/2025	0524
7439-95-4	Magnesium	2700		01/12/2025	0524
7439-96-5	Manganese	960	*	01/12/2025	0524
7440-02-0	Nickel	17		01/12/2025	0524
7440-09-7	Potassium	1100		01/12/2025	0524
7782-49-2	Selenium	3.6	J*	01/12/2025	0524
7440-22-4	Silver	1.2	U*	01/12/2025	0524
7440-23-5	Sodium	580	U	01/12/2025	0524
7440-28-0	Thallium	2.9	U	01/12/2025	0524
7440-62-2	Vanadium	16		01/12/2025	0524
7440-66-6	Zinc	140	*	01/12/2025	0524

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN79

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-12

% Solids: 77.5 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6200		01/12/2025	0528
7440-36-0	Antimony	6.6	U*	01/12/2025	0528
7440-38-2	Arsenic	7.2		01/12/2025	0528
7440-39-3	Barium	130		01/12/2025	0528
7440-41-7	Beryllium	0.45	J*	01/12/2025	0528
7440-43-9	Cadmium	0.76		01/12/2025	0528
7440-70-2	Calcium	11000	*	01/12/2025	0528
7440-47-3	Chromium	12	*	01/12/2025	0528
7440-48-4	Cobalt	7.4		01/12/2025	0528
7440-50-8	Copper	18		01/12/2025	0528
7439-89-6	Iron	15000	*	01/12/2025	0528
7439-92-1	Lead	110		01/12/2025	0528
7439-95-4	Magnesium	2500		01/12/2025	0528
7439-96-5	Manganese	1000	*	01/12/2025	0528
7440-02-0	Nickel	15		01/12/2025	0528
7440-09-7	Potassium	920		01/12/2025	0528
7782-49-2	Selenium	2.8	J*	01/12/2025	0528
7440-22-4	Silver	1.1	U*	01/12/2025	0528
7440-23-5	Sodium	550	U	01/12/2025	0528
7440-28-0	Thallium	2.7	U	01/12/2025	0528
7440-62-2	Vanadium	14		01/12/2025	0528
7440-66-6	Zinc	100	*	01/12/2025	0528

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN80

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-13

% Solids: 84.8 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6300		01/12/2025	0532
7440-36-0	Antimony	6.2	U*	01/12/2025	0532
7440-38-2	Arsenic	6.2		01/12/2025	0532
7440-39-3	Barium	100		01/12/2025	0532
7440-41-7	Beryllium	0.41	J*	01/12/2025	0532
7440-43-9	Cadmium	0.70		01/12/2025	0532
7440-70-2	Calcium	9600	*	01/12/2025	0532
7440-47-3	Chromium	13	*	01/12/2025	0532
7440-48-4	Cobalt	8.9		01/12/2025	0532
7440-50-8	Copper	11		01/12/2025	0532
7439-89-6	Iron	19000	*	01/12/2025	0532
7439-92-1	Lead	80		01/12/2025	0532
7439-95-4	Magnesium	2700		01/12/2025	0532
7439-96-5	Manganese	830	*	01/12/2025	0532
7440-02-0	Nickel	20		01/12/2025	0532
7440-09-7	Potassium	890		01/12/2025	0532
7782-49-2	Selenium	2.9	J*	01/12/2025	0532
7440-22-4	Silver	1.0	U*	01/12/2025	0532
7440-23-5	Sodium	510	U	01/12/2025	0532
7440-28-0	Thallium	2.6	U	01/12/2025	0532
7440-62-2	Vanadium	15		01/12/2025	0532
7440-66-6	Zinc	81	*	01/12/2025	0532

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN81

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-14

% Solids: 82.1 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6600		01/12/2025	0536
7440-36-0	Antimony	5.8	U*	01/12/2025	0536
7440-38-2	Arsenic	5.5		01/12/2025	0536
7440-39-3	Barium	66		01/12/2025	0536
7440-41-7	Beryllium	0.40	J*	01/12/2025	0536
7440-43-9	Cadmium	0.56		01/12/2025	0536
7440-70-2	Calcium	6500	*	01/12/2025	0536
7440-47-3	Chromium	14	*	01/12/2025	0536
7440-48-4	Cobalt	8.4		01/12/2025	0536
7440-50-8	Copper	15		01/12/2025	0536
7439-89-6	Iron	18000	*	01/12/2025	0536
7439-92-1	Lead	58		01/12/2025	0536
7439-95-4	Magnesium	3800		01/12/2025	0536
7439-96-5	Manganese	400	*	01/12/2025	0536
7440-02-0	Nickel	20		01/12/2025	0536
7440-09-7	Potassium	880		01/12/2025	0536
7782-49-2	Selenium	3.2	J*	01/12/2025	0536
7440-22-4	Silver	0.97	U*	01/12/2025	0536
7440-23-5	Sodium	480	U	01/12/2025	0536
7440-28-0	Thallium	2.4	U	01/12/2025	0536
7440-62-2	Vanadium	15		01/12/2025	0536
7440-66-6	Zinc	75	*	01/12/2025	0536

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN96

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-17

% Solids: 60.9 Date Received: 12/07/2024

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
7429-90-5	Aluminum	4700		01/12/2025	0552
7440-36-0	Antimony	4.7	J*	01/12/2025	0552
7440-38-2	Arsenic	8.6		01/12/2025	0552
7440-39-3	Barium	76		01/12/2025	0552
7440-41-7	Beryllium	0.40	J*	01/12/2025	0552
7440-43-9	Cadmium	1.1		01/12/2025	0552
7440-70-2	Calcium	38000	*	01/12/2025	0552
7440-47-3	Chromium	15	*	01/12/2025	0552
7440-48-4	Cobalt	6.6	J	01/12/2025	0552
7440-50-8	Copper	59		01/12/2025	0552
7439-89-6	Iron	14000	*	01/12/2025	0552
7439-92-1	Lead	160		01/12/2025	0552
7439-95-4	Magnesium	11000		01/12/2025	0552
7439-96-5	Manganese	620	*	01/12/2025	0552
7440-02-0	Nickel	23		01/12/2025	0552
7440-09-7	Potassium	1200		01/12/2025	0552
7782-49-2	Selenium	2.5	J*	01/12/2025	0552
7440-22-4	Silver	1.4	U*	01/12/2025	0552
7440-23-5	Sodium	96	J	01/12/2025	0552
7440-28-0	Thallium	3.5	U	01/12/2025	0552
7440-62-2	Vanadium	13		01/12/2025	0552
7440-66-6	Zinc	220	*	01/12/2025	0552

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN97

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-18

% Solids: 76.8 Date Received: 12/07/2024

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
7429-90-5	Aluminum	5100		01/12/2025	0555
7440-36-0	Antimony	3.0	J*	01/12/2025	0555
7440-38-2	Arsenic	9.4		01/12/2025	0555
7440-39-3	Barium	72		01/12/2025	0555
7440-41-7	Beryllium	0.41	J*	01/12/2025	0555
7440-43-9	Cadmium	1.1		01/12/2025	0555
7440-70-2	Calcium	46000	*	01/12/2025	0555
7440-47-3	Chromium	15	*	01/12/2025	0555
7440-48-4	Cobalt	7.0		01/12/2025	0555
7440-50-8	Copper	58		01/12/2025	0555
7439-89-6	Iron	16000	*	01/12/2025	0555
7439-92-1	Lead	140		01/12/2025	0555
7439-95-4	Magnesium	9400		01/12/2025	0555
7439-96-5	Manganese	680	*	01/12/2025	0555
7440-02-0	Nickel	23		01/12/2025	0555
7440-09-7	Potassium	1000		01/12/2025	0555
7782-49-2	Selenium	2.6	J*	01/12/2025	0555
7440-22-4	Silver	1.1	U*	01/12/2025	0555
7440-23-5	Sodium	110	J	01/12/2025	0555
7440-28-0	Thallium	2.7	U	01/12/2025	0555
7440-62-2	Vanadium	13		01/12/2025	0555
7440-66-6	Zinc	190	*	01/12/2025	0555

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN98

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-19

% Solids: 84.3 Date Received: 12/07/2024

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
7429-90-5	Aluminum	4300		01/12/2025	0600
7440-36-0	Antimony	5.8	U*	01/12/2025	0600
7440-38-2	Arsenic	8.4		01/12/2025	0600
7440-39-3	Barium	62		01/12/2025	0600
7440-41-7	Beryllium	0.44	J*	01/12/2025	0600
7440-43-9	Cadmium	0.53		01/12/2025	0600
7440-70-2	Calcium	48000	*	01/12/2025	0600
7440-47-3	Chromium	8.8	*	01/12/2025	0600
7440-48-4	Cobalt	5.8		01/12/2025	0600
7440-50-8	Copper	34		01/12/2025	0600
7439-89-6	Iron	13000	*	01/12/2025	0600
7439-92-1	Lead	60		01/12/2025	0600
7439-95-4	Magnesium	6000		01/12/2025	0600
7439-96-5	Manganese	350	*	01/12/2025	0600
7440-02-0	Nickel	16		01/12/2025	0600
7440-09-7	Potassium	650		01/12/2025	0600
7782-49-2	Selenium	1.9	J*	01/12/2025	0600
7440-22-4	Silver	0.97	U*	01/12/2025	0600
7440-23-5	Sodium	99	J	01/12/2025	0600
7440-28-0	Thallium	2.4	U	01/12/2025	0600
7440-62-2	Vanadium	11		01/12/2025	0600
7440-66-6	Zinc	110	*	01/12/2025	0600

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHN99

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-20

% Solids: 82.2 Date Received: 12/07/2024

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
7429-90-5	Aluminum	5700		01/12/2025	0604
7440-36-0	Antimony	6.5	U*	01/12/2025	0604
7440-38-2	Arsenic	12		01/12/2025	0604
7440-39-3	Barium	110		01/12/2025	0604
7440-41-7	Beryllium	0.49	J*	01/12/2025	0604
7440-43-9	Cadmium	0.87		01/12/2025	0604
7440-70-2	Calcium	18000	*	01/12/2025	0604
7440-47-3	Chromium	10	*	01/12/2025	0604
7440-48-4	Cobalt	9.4		01/12/2025	0604
7440-50-8	Copper	31		01/12/2025	0604
7439-89-6	Iron	17000	*	01/12/2025	0604
7439-92-1	Lead	79		01/12/2025	0604
7439-95-4	Magnesium	4300		01/12/2025	0604
7439-96-5	Manganese	1200	*	01/12/2025	0604
7440-02-0	Nickel	16		01/12/2025	0604
7440-09-7	Potassium	700		01/12/2025	0604
7782-49-2	Selenium	3.2	J*	01/12/2025	0604
7440-22-4	Silver	1.1	U*	01/12/2025	0604
7440-23-5	Sodium	77	J	01/12/2025	0604
7440-28-0	Thallium	2.7	U	01/12/2025	0604
7440-62-2	Vanadium	15		01/12/2025	0604
7440-66-6	Zinc	80	*	01/12/2025	0604

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNA0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-21

% Solids: 83.2 Date Received: 12/07/2024

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
7429-90-5	Aluminum	5900		01/12/2025	0608
7440-36-0	Antimony	6.3	U*	01/12/2025	0608
7440-38-2	Arsenic	12		01/12/2025	0608
7440-39-3	Barium	88		01/12/2025	0608
7440-41-7	Beryllium	0.56	*	01/12/2025	0608
7440-43-9	Cadmium	1.1		01/12/2025	0608
7440-70-2	Calcium	13000	*	01/12/2025	0608
7440-47-3	Chromium	9.5	*	01/12/2025	0608
7440-48-4	Cobalt	12		01/12/2025	0608
7440-50-8	Copper	26		01/12/2025	0608
7439-89-6	Iron	18000	*	01/12/2025	0608
7439-92-1	Lead	68		01/12/2025	0608
7439-95-4	Magnesium	3000		01/12/2025	0608
7439-96-5	Manganese	1600	*	01/12/2025	0608
7440-02-0	Nickel	15		01/12/2025	0608
7440-09-7	Potassium	570		01/12/2025	0608
7782-49-2	Selenium	3.5	J*	01/12/2025	0608
7440-22-4	Silver	1.1	U*	01/12/2025	0608
7440-23-5	Sodium	89	J	01/12/2025	0608
7440-28-0	Thallium	2.6	U	01/12/2025	0608
7440-62-2	Vanadium	14		01/12/2025	0608
7440-66-6	Zinc	81	*	01/12/2025	0608

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHNC2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMZ2

Matrix: SOIL Lab Sample ID: P5209-22

% Solids: 77.3 Date Received: 12/07/2024

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
7429-90-5	Aluminum	4500		01/12/2025	0611
7440-36-0	Antimony	0.82	J*	01/12/2025	0611
7440-38-2	Arsenic	9.2		01/12/2025	0611
7440-39-3	Barium	110		01/12/2025	0611
7440-41-7	Beryllium	0.37	J*	01/12/2025	0611
7440-43-9	Cadmium	1.3		01/12/2025	0611
7440-70-2	Calcium	23000	*	01/12/2025	0611
7440-47-3	Chromium	15	*	01/12/2025	0611
7440-48-4	Cobalt	7.2		01/12/2025	0611
7440-50-8	Copper	69		01/12/2025	0611
7439-89-6	Iron	19000	*	01/12/2025	0611
7439-92-1	Lead	420		01/12/2025	0611
7439-95-4	Magnesium	6100		01/12/2025	0611
7439-96-5	Manganese	500	*	01/12/2025	0611
7440-02-0	Nickel	23		01/12/2025	0611
7440-09-7	Potassium	800		01/12/2025	0611
7782-49-2	Selenium	4.2	*	01/12/2025	0611
7440-22-4	Silver	1.2	U*	01/12/2025	0611
7440-23-5	Sodium	580	U	01/12/2025	0611
7440-28-0	Thallium	2.9	U	01/12/2025	0611
7440-62-2	Vanadium	14		01/12/2025	0611
7440-66-6	Zinc	610	*	01/12/2025	0611

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

Comments: