EPA SAMPLE NO.

MBHMY5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-01

% Solids: 71.7 Date Received: 12/07/2024

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
7429-90-5	Aluminum	5200		01/12/2025	1245
7440-36-0	Antimony	5.9	U*	01/12/2025	1245
7440-38-2	Arsenic	8.4	*	01/12/2025	1245
7440-39-3	Barium	120	*	01/12/2025	1245
7440-41-7	Beryllium	0.42	J*	01/12/2025	1245
7440-43-9	Cadmium	0.82		01/12/2025	1245
7440-70-2	Calcium	7900		01/12/2025	1245
7440-47-3	Chromium	22		01/12/2025	1245
7440-48-4	Cobalt	6.2		01/12/2025	1245
7440-50-8	Copper	30	*	01/12/2025	1245
7439-89-6	Iron	12000		01/12/2025	1245
7439-92-1	Lead	230		01/12/2025	1245
7439-95-4	Magnesium	2400		01/12/2025	1245
7439-96-5	Manganese	670		01/12/2025	1245
7440-02-0	Nickel	15		01/12/2025	1245
7440-09-7	Potassium	870		01/12/2025	1245
7782-49-2	Selenium	2.5	J*	01/12/2025	1245
7440-22-4	Silver	0.98	U*	01/12/2025	1245
7440-23-5	Sodium	490	U	01/12/2025	1245
7440-28-0	Thallium	2.4	U	01/12/2025	1245
7440-62-2	Vanadium	12		01/12/2025	1245
7440-66-6	Zinc	170		01/12/2025	1245

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

Comments:

EPA SAMPLE NO.

MBHMY6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-02

% Solids: 73 Date Received: 12/07/2024

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
7429-90-5	Aluminum	5900		01/12/2025	1249
7440-36-0	Antimony	6.0	U*	01/12/2025	1249
7440-38-2	Arsenic	11	*	01/12/2025	1249
7440-39-3	Barium	150	*	01/12/2025	1249
7440-41-7	Beryllium	0.45	J*	01/12/2025	1249
7440-43-9	Cadmium	0.97		01/12/2025	1249
7440-70-2	Calcium	9100		01/12/2025	1249
7440-47-3	Chromium	26		01/12/2025	1249
7440-48-4	Cobalt	7.0		01/12/2025	1249
7440-50-8	Copper	35	*	01/12/2025	1249
7439-89-6	Iron	13000		01/12/2025	1249
7439-92-1	Lead	260		01/12/2025	1249
7439-95-4	Magnesium	2800		01/12/2025	1249
7439-96-5	Manganese	760		01/12/2025	1249
7440-02-0	Nickel	18		01/12/2025	1249
7440-09-7	Potassium	980		01/12/2025	1249
7782-49-2	Selenium	2.7	J*	01/12/2025	1249
7440-22-4	Silver	1.0	U*	01/12/2025	1249
7440-23-5	Sodium	500	U	01/12/2025	1249
7440-28-0	Thallium	2.5	U	01/12/2025	1249
7440-62-2	Vanadium	13		01/12/2025	1249
7440-66-6	Zinc	200		01/12/2025	1249

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

Comments:

EPA SAMPLE NO.

MBHMY7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-03

% Solids: 78.2 Date Received: 12/07/2024

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
7429-90-5	Aluminum	5400		01/12/2025	1253
7440-36-0	Antimony	5.3	U*	01/12/2025	1253
7440-38-2	Arsenic	11	*	01/12/2025	1253
7440-39-3	Barium	130	*	01/12/2025	1253
7440-41-7	Beryllium	0.42	J*	01/12/2025	1253
7440-43-9	Cadmium	0.83		01/12/2025	1253
7440-70-2	Calcium	9000		01/12/2025	1253
7440-47-3	Chromium	18		01/12/2025	1253
7440-48-4	Cobalt	6.3		01/12/2025	1253
7440-50-8	Copper	29	*	01/12/2025	1253
7439-89-6	Iron	12000		01/12/2025	1253
7439-92-1	Lead	210		01/12/2025	1253
7439-95-4	Magnesium	2400		01/12/2025	1253
7439-96-5	Manganese	710		01/12/2025	1253
7440-02-0	Nickel	15		01/12/2025	1253
7440-09-7	Potassium	840		01/12/2025	1253
7782-49-2	Selenium	2.4	J*	01/12/2025	1253
7440-22-4	Silver	0.89	U*	01/12/2025	1253
7440-23-5	Sodium	440	U	01/12/2025	1253
7440-28-0	Thallium	2.2	U	01/12/2025	1253
7440-62-2	Vanadium	12		01/12/2025	1253
7440-66-6	Zinc	150		01/12/2025	1253

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

Comments:

EPA SAMPLE NO.

MBHMY8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-04

% Solids: 79.1 Date Received: 12/07/2024

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
7429-90-5	Aluminum	5900		01/12/2025	1257
7440-36-0	Antimony	6.5	U*	01/12/2025	1257
7440-38-2	Arsenic	7.8	*	01/12/2025	1257
7440-39-3	Barium	160	*	01/12/2025	1257
7440-41-7	Beryllium	0.46	J*	01/12/2025	1257
7440-43-9	Cadmium	0.76		01/12/2025	1257
7440-70-2	Calcium	6200		01/12/2025	1257
7440-47-3	Chromium	12		01/12/2025	1257
7440-48-4	Cobalt	6.9		01/12/2025	1257
7440-50-8	Copper	26	*	01/12/2025	1257
7439-89-6	Iron	13000		01/12/2025	1257
7439-92-1	Lead	68		01/12/2025	1257
7439-95-4	Magnesium	2200		01/12/2025	1257
7439-96-5	Manganese	1100		01/12/2025	1257
7440-02-0	Nickel	15		01/12/2025	1257
7440-09-7	Potassium	770		01/12/2025	1257
7782-49-2	Selenium	2.4	J*	01/12/2025	1257
7440-22-4	Silver	1.1	U*	01/12/2025	1257
7440-23-5	Sodium	540	U	01/12/2025	1257
7440-28-0	Thallium	2.7	U	01/12/2025	1257
7440-62-2	Vanadium	12		01/12/2025	1257
7440-66-6	Zinc	100		01/12/2025	1257

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

Comments:

EPA SAMPLE NO.

MBHMY9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-05

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

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
7429-90-5	Aluminum	6600		01/12/2025	1301
7440-36-0	Antimony	6.2	U*	01/12/2025	1301
7440-38-2	Arsenic	6.8	*	01/12/2025	1301
7440-39-3	Barium	150	*	01/12/2025	1301
7440-41-7	Beryllium	0.50	J*	01/12/2025	1301
7440-43-9	Cadmium	0.95		01/12/2025	1301
7440-70-2	Calcium	5900		01/12/2025	1301
7440-47-3	Chromium	12		01/12/2025	1301
7440-48-4	Cobalt	8.1		01/12/2025	1301
7440-50-8	Copper	29	*	01/12/2025	1301
7439-89-6	Iron	14000		01/12/2025	1301
7439-92-1	Lead	63		01/12/2025	1301
7439-95-4	Magnesium	2300		01/12/2025	1301
7439-96-5	Manganese	1200		01/12/2025	1301
7440-02-0	Nickel	16		01/12/2025	1301
7440-09-7	Potassium	700		01/12/2025	1301
7782-49-2	Selenium	2.9	J*	01/12/2025	1301
7440-22-4	Silver	1.0	U*	01/12/2025	1301
7440-23-5	Sodium	520	U	01/12/2025	1301
7440-28-0	Thallium	2.6	U	01/12/2025	1301
7440-62-2	Vanadium	13		01/12/2025	1301
7440-66-6	Zinc	110		01/12/2025	1301

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

Comments:

EPA SAMPLE NO.

MBHMZ0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-06

% Solids: 85.4 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6900		01/12/2025	1305
7440-36-0	Antimony	5.8	U*	01/12/2025	1305
7440-38-2	Arsenic	3.8	*	01/12/2025	1305
7440-39-3	Barium	95	*	01/12/2025	1305
7440-41-7	Beryllium	0.32	J*	01/12/2025	1305
7440-43-9	Cadmium	0.42	J	01/12/2025	1305
7440-70-2	Calcium	5200		01/12/2025	1305
7440-47-3	Chromium	13		01/12/2025	1305
7440-48-4	Cobalt	4.9		01/12/2025	1305
7440-50-8	Copper	17	*	01/12/2025	1305
7439-89-6	Iron	9700		01/12/2025	1305
7439-92-1	Lead	31		01/12/2025	1305
7439-95-4	Magnesium	2100		01/12/2025	1305
7439-96-5	Manganese	270		01/12/2025	1305
7440-02-0	Nickel	13		01/12/2025	1305
7440-09-7	Potassium	580		01/12/2025	1305
7782-49-2	Selenium	1.8	J*	01/12/2025	1305
7440-22-4	Silver	0.97	U*	01/12/2025	1305
7440-23-5	Sodium	480	U	01/12/2025	1305
7440-28-0	Thallium	2.4	U	01/12/2025	1305
7440-62-2	Vanadium	12		01/12/2025	1305
7440-66-6	Zinc	87		01/12/2025	1305

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

Comments:

EPA SAMPLE NO.

MBHMZ1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-07

% Solids: 88 Date Received: 12/07/2024

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
7429-90-5	Aluminum	4000		01/12/2025	1309
7440-36-0	Antimony	5.2	U*	01/12/2025	1309
7440-38-2	Arsenic	3.9	*	01/12/2025	1309
7440-39-3	Barium	41	*	01/12/2025	1309
7440-41-7	Beryllium	0.26	J*	01/12/2025	1309
7440-43-9	Cadmium	0.41	J	01/12/2025	1309
7440-70-2	Calcium	20000		01/12/2025	1309
7440-47-3	Chromium	7.5		01/12/2025	1309
7440-48-4	Cobalt	5.9		01/12/2025	1309
7440-50-8	Copper	18	*	01/12/2025	1309
7439-89-6	Iron	11000		01/12/2025	1309
7439-92-1	Lead	10		01/12/2025	1309
7439-95-4	Magnesium	5000		01/12/2025	1309
7439-96-5	Manganese	440		01/12/2025	1309
7440-02-0	Nickel	13		01/12/2025	1309
7440-09-7	Potassium	570		01/12/2025	1309
7782-49-2	Selenium	1.9	J*	01/12/2025	1309
7440-22-4	Silver	0.87	U*	01/12/2025	1309
7440-23-5	Sodium	71	J	01/12/2025	1309
7440-28-0	Thallium	2.2	U	01/12/2025	1309
7440-62-2	Vanadium	9.9		01/12/2025	1309
7440-66-6	Zinc	42		01/12/2025	1309

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

Comments:

EPA SAMPLE NO.

MBHNA8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-08

% Solids: 76.6 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6200		01/12/2025	1313
7440-36-0	Antimony	5.6	U*	01/12/2025	1313
7440-38-2	Arsenic	11	*	01/12/2025	1313
7440-39-3	Barium	160	*	01/12/2025	1313
7440-41-7	Beryllium	0.45	J*	01/12/2025	1313
7440-43-9	Cadmium	1.3		01/12/2025	1313
7440-70-2	Calcium	18000		01/12/2025	1313
7440-47-3	Chromium	18		01/12/2025	1313
7440-48-4	Cobalt	9.6		01/12/2025	1313
7440-50-8	Copper	61	*	01/12/2025	1313
7439-89-6	Iron	18000		01/12/2025	1313
7439-92-1	Lead	470		01/12/2025	1313
7439-95-4	Magnesium	4400		01/12/2025	1313
7439-96-5	Manganese	970		01/12/2025	1313
7440-02-0	Nickel	20		01/12/2025	1313
7440-09-7	Potassium	800		01/12/2025	1313
7782-49-2	Selenium	3.9	*	01/12/2025	1313
7440-22-4	Silver	0.93	U*	01/12/2025	1313
7440-23-5	Sodium	100	J	01/12/2025	1313
7440-28-0	Thallium	2.3	U	01/12/2025	1313
7440-62-2	Vanadium	16		01/12/2025	1313
7440-66-6	Zinc	380		01/12/2025	1313

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

Comments:

EPA SAMPLE NO.

MBHNA9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-09

% Solids: 76.9 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6500		01/12/2025	1317
7440-36-0	Antimony	6.5	U*	01/12/2025	1317
7440-38-2	Arsenic	12	*	01/12/2025	1317
7440-39-3	Barium	170	*	01/12/2025	1317
7440-41-7	Beryllium	0.49	J*	01/12/2025	1317
7440-43-9	Cadmium	1.2		01/12/2025	1317
7440-70-2	Calcium	16000		01/12/2025	1317
7440-47-3	Chromium	19		01/12/2025	1317
7440-48-4	Cobalt	9.5		01/12/2025	1317
7440-50-8	Copper	110	*	01/12/2025	1317
7439-89-6	Iron	17000		01/12/2025	1317
7439-92-1	Lead	620		01/12/2025	1317
7439-95-4	Magnesium	3700		01/12/2025	1317
7439-96-5	Manganese	1000		01/12/2025	1317
7440-02-0	Nickel	23		01/12/2025	1317
7440-09-7	Potassium	800		01/12/2025	1317
7782-49-2	Selenium	3.5	J*	01/12/2025	1317
7440-22-4	Silver	1.1	U*	01/12/2025	1317
7440-23-5	Sodium	91	J	01/12/2025	1317
7440-28-0	Thallium	2.7	U	01/12/2025	1317
7440-62-2	Vanadium	17		01/12/2025	1317
7440-66-6	Zinc	720		01/12/2025	1317

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

Comments:

EPA SAMPLE NO.

MBHNB0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-10

% Solids: 78.8 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6100		01/12/2025	1321
7440-36-0	Antimony	6.0	U*	01/12/2025	1321
7440-38-2	Arsenic	13	*	01/12/2025	1321
7440-39-3	Barium	180	*	01/12/2025	1321
7440-41-7	Beryllium	0.52	*	01/12/2025	1321
7440-43-9	Cadmium	1.5		01/12/2025	1321
7440-70-2	Calcium	17000		01/12/2025	1321
7440-47-3	Chromium	18		01/12/2025	1321
7440-48-4	Cobalt	9.2		01/12/2025	1321
7440-50-8	Copper	63	*	01/12/2025	1321
7439-89-6	Iron	16000		01/12/2025	1321
7439-92-1	Lead	560		01/12/2025	1321
7439-95-4	Magnesium	3300		01/12/2025	1321
7439-96-5	Manganese	1100		01/12/2025	1321
7440-02-0	Nickel	21		01/12/2025	1321
7440-09-7	Potassium	710		01/12/2025	1321
7782-49-2	Selenium	3.2	J*	01/12/2025	1321
7440-22-4	Silver	1.0	U*	01/12/2025	1321
7440-23-5	Sodium	74	J	01/12/2025	1321
7440-28-0	Thallium	2.5	U	01/12/2025	1321
7440-62-2	Vanadium	16		01/12/2025	1321
7440-66-6	Zinc	360		01/12/2025	1321

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

Comments:

EPA SAMPLE NO.

MBHNB1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-11

% Solids: 81.1 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6000		01/12/2025	1325
7440-36-0	Antimony	5.3	U*	01/12/2025	1325
7440-38-2	Arsenic	12	*	01/12/2025	1325
7440-39-3	Barium	170	*	01/12/2025	1325
7440-41-7	Beryllium	0.47	*	01/12/2025	1325
7440-43-9	Cadmium	1.1		01/12/2025	1325
7440-70-2	Calcium	18000		01/12/2025	1325
7440-47-3	Chromium	15		01/12/2025	1325
7440-48-4	Cobalt	8.9		01/12/2025	1325
7440-50-8	Copper	58	*	01/12/2025	1325
7439-89-6	Iron	15000		01/12/2025	1325
7439-92-1	Lead	530		01/12/2025	1325
7439-95-4	Magnesium	2900		01/12/2025	1325
7439-96-5	Manganese	1000		01/12/2025	1325
7440-02-0	Nickel	17		01/12/2025	1325
7440-09-7	Potassium	690		01/12/2025	1325
7782-49-2	Selenium	3.0	J*	01/12/2025	1325
7440-22-4	Silver	0.89	U*	01/12/2025	1325
7440-23-5	Sodium	83	J	01/12/2025	1325
7440-28-0	Thallium	2.2	U	01/12/2025	1325
7440-62-2	Vanadium	15		01/12/2025	1325
7440-66-6	Zinc	270		01/12/2025	1325

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

Comments:

EPA SAMPLE NO.

MBHNB2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-12

% Solids: 81.3 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6300		01/12/2025	1329
7440-36-0	Antimony	5.4	U*	01/12/2025	1329
7440-38-2	Arsenic	12	*	01/12/2025	1329
7440-39-3	Barium	160	*	01/12/2025	1329
7440-41-7	Beryllium	0.45	*	01/12/2025	1329
7440-43-9	Cadmium	1.1		01/12/2025	1329
7440-70-2	Calcium	19000		01/12/2025	1329
7440-47-3	Chromium	15		01/12/2025	1329
7440-48-4	Cobalt	9.7		01/12/2025	1329
7440-50-8	Copper	54	*	01/12/2025	1329
7439-89-6	Iron	18000		01/12/2025	1329
7439-92-1	Lead	420		01/12/2025	1329
7439-95-4	Magnesium	3200		01/12/2025	1329
7439-96-5	Manganese	1100		01/12/2025	1329
7440-02-0	Nickel	17		01/12/2025	1329
7440-09-7	Potassium	660		01/12/2025	1329
7782-49-2	Selenium	3.3	*	01/12/2025	1329
7440-22-4	Silver	0.90	U*	01/12/2025	1329
7440-23-5	Sodium	73	J	01/12/2025	1329
7440-28-0	Thallium	2.2	U	01/12/2025	1329
7440-62-2	Vanadium	15		01/12/2025	1329
7440-66-6	Zinc	260		01/12/2025	1329

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

Comments:

EPA SAMPLE NO.

MBHNB3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-13

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

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
7429-90-5	Aluminum	6400		01/12/2025	1333
7440-36-0	Antimony	5.2	U*	01/12/2025	1333
7440-38-2	Arsenic	7.8	*	01/12/2025	1333
7440-39-3	Barium	75	*	01/12/2025	1333
7440-41-7	Beryllium	0.41	J*	01/12/2025	1333
7440-43-9	Cadmium	0.63		01/12/2025	1333
7440-70-2	Calcium	6300		01/12/2025	1333
7440-47-3	Chromium	12		01/12/2025	1333
7440-48-4	Cobalt	9.2		01/12/2025	1333
7440-50-8	Copper	20	*	01/12/2025	1333
7439-89-6	Iron	14000		01/12/2025	1333
7439-92-1	Lead	110		01/12/2025	1333
7439-95-4	Magnesium	1800		01/12/2025	1333
7439-96-5	Manganese	870		01/12/2025	1333
7440-02-0	Nickel	12		01/12/2025	1333
7440-09-7	Potassium	350	J	01/12/2025	1333
7782-49-2	Selenium	2.8	J*	01/12/2025	1333
7440-22-4	Silver	0.87	U*	01/12/2025	1333
7440-23-5	Sodium	59	J	01/12/2025	1333
7440-28-0	Thallium	2.2	U	01/12/2025	1333
7440-62-2	Vanadium	15		01/12/2025	1333
7440-66-6	Zinc	110		01/12/2025	1333

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

Comments:

EPA SAMPLE NO.

MBHNB4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-14

% Solids: 83.9 Date Received: 12/07/2024

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
7429-90-5	Aluminum	7400		01/12/2025	1337
7440-36-0	Antimony	5.5	U*	01/12/2025	1337
7440-38-2	Arsenic	13	*	01/12/2025	1337
7440-39-3	Barium	73	*	01/12/2025	1337
7440-41-7	Beryllium	0.48	*	01/12/2025	1337
7440-43-9	Cadmium	0.84		01/12/2025	1337
7440-70-2	Calcium	13000		01/12/2025	1337
7440-47-3	Chromium	12		01/12/2025	1337
7440-48-4	Cobalt	14		01/12/2025	1337
7440-50-8	Copper	24	*	01/12/2025	1337
7439-89-6	Iron	18000		01/12/2025	1337
7439-92-1	Lead	37		01/12/2025	1337
7439-95-4	Magnesium	1900		01/12/2025	1337
7439-96-5	Manganese	1200		01/12/2025	1337
7440-02-0	Nickel	16		01/12/2025	1337
7440-09-7	Potassium	480		01/12/2025	1337
7782-49-2	Selenium	3.3	*	01/12/2025	1337
7440-22-4	Silver	0.92	U*	01/12/2025	1337
7440-23-5	Sodium	460	U	01/12/2025	1337
7440-28-0	Thallium	2.3	U	01/12/2025	1337
7440-62-2	Vanadium	16		01/12/2025	1337
7440-66-6	Zinc	68		01/12/2025	1337

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

Comments:

EPA SAMPLE NO.

MBHNE3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-15

% Solids: 80.6 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6200		01/12/2025	1341
7440-36-0	Antimony	5.4	U*	01/12/2025	1341
7440-38-2	Arsenic	13	*	01/12/2025	1341
7440-39-3	Barium	120	*	01/12/2025	1341
7440-41-7	Beryllium	0.54	*	01/12/2025	1341
7440-43-9	Cadmium	1.1		01/12/2025	1341
7440-70-2	Calcium	9200		01/12/2025	1341
7440-47-3	Chromium	15		01/12/2025	1341
7440-48-4	Cobalt	8.5		01/12/2025	1341
7440-50-8	Copper	40	*	01/12/2025	1341
7439-89-6	Iron	22000		01/12/2025	1341
7439-92-1	Lead	300		01/12/2025	1341
7439-95-4	Magnesium	3200		01/12/2025	1341
7439-96-5	Manganese	830		01/12/2025	1341
7440-02-0	Nickel	19		01/12/2025	1341
7440-09-7	Potassium	540		01/12/2025	1341
7782-49-2	Selenium	4.4	*	01/12/2025	1341
7440-22-4	Silver	0.91	U*	01/12/2025	1341
7440-23-5	Sodium	79	J	01/12/2025	1341
7440-28-0	Thallium	2.3	U	01/12/2025	1341
7440-62-2	Vanadium	15		01/12/2025	1341
7440-66-6	Zinc	200		01/12/2025	1341

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

Comments:

EPA SAMPLE NO.

MBHNE4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-16

% Solids: 83.7 Date Received: 12/07/2024

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
7429-90-5	Aluminum	5900		01/12/2025	1344
7440-36-0	Antimony	5.9	U*	01/12/2025	1344
7440-38-2	Arsenic	9.8	*	01/12/2025	1344
7440-39-3	Barium	120	*	01/12/2025	1344
7440-41-7	Beryllium	0.46	J*	01/12/2025	1344
7440-43-9	Cadmium	0.80		01/12/2025	1344
7440-70-2	Calcium	12000		01/12/2025	1344
7440-47-3	Chromium	14		01/12/2025	1344
7440-48-4	Cobalt	8.4		01/12/2025	1344
7440-50-8	Copper	38	*	01/12/2025	1344
7439-89-6	Iron	15000		01/12/2025	1344
7439-92-1	Lead	340		01/12/2025	1344
7439-95-4	Magnesium	3200		01/12/2025	1344
7439-96-5	Manganese	890		01/12/2025	1344
7440-02-0	Nickel	19		01/12/2025	1344
7440-09-7	Potassium	500		01/12/2025	1344
7782-49-2	Selenium	2.9	J*	01/12/2025	1344
7440-22-4	Silver	0.98	U*	01/12/2025	1344
7440-23-5	Sodium	490	U	01/12/2025	1344
7440-28-0	Thallium	2.5	U	01/12/2025	1344
7440-62-2	Vanadium	15		01/12/2025	1344
7440-66-6	Zinc	180		01/12/2025	1344

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

Comments:

EPA SAMPLE NO.

MBHNE5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-17

% Solids: 83 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6300		01/12/2025	1348
7440-36-0	Antimony	5.4	U*	01/12/2025	1348
7440-38-2	Arsenic	10	*	01/12/2025	1348
7440-39-3	Barium	120	*	01/12/2025	1348
7440-41-7	Beryllium	0.46	*	01/12/2025	1348
7440-43-9	Cadmium	0.71		01/12/2025	1348
7440-70-2	Calcium	12000		01/12/2025	1348
7440-47-3	Chromium	14		01/12/2025	1348
7440-48-4	Cobalt	8.6		01/12/2025	1348
7440-50-8	Copper	34	*	01/12/2025	1348
7439-89-6	Iron	16000		01/12/2025	1348
7439-92-1	Lead	330		01/12/2025	1348
7439-95-4	Magnesium	3300		01/12/2025	1348
7439-96-5	Manganese	900		01/12/2025	1348
7440-02-0	Nickel	16		01/12/2025	1348
7440-09-7	Potassium	510		01/12/2025	1348
7782-49-2	Selenium	2.9	J*	01/12/2025	1348
7440-22-4	Silver	0.91	U*	01/12/2025	1348
7440-23-5	Sodium	76	J	01/12/2025	1348
7440-28-0	Thallium	2.3	U	01/12/2025	1348
7440-62-2	Vanadium	15		01/12/2025	1348
7440-66-6	Zinc	150		01/12/2025	1348

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

Comments:

EPA SAMPLE NO.

MBHNE6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-18

% Solids: 87 Date Received: 12/07/2024

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
7429-90-5	Aluminum	6900		01/12/2025	1352
7440-36-0	Antimony	4.8	U*	01/12/2025	1352
7440-38-2	Arsenic	5.4	*	01/12/2025	1352
7440-39-3	Barium	44	*	01/12/2025	1352
7440-41-7	Beryllium	0.37	J*	01/12/2025	1352
7440-43-9	Cadmium	0.42		01/12/2025	1352
7440-70-2	Calcium	3200		01/12/2025	1352
7440-47-3	Chromium	11		01/12/2025	1352
7440-48-4	Cobalt	9.1		01/12/2025	1352
7440-50-8	Copper	12	*	01/12/2025	1352
7439-89-6	Iron	14000		01/12/2025	1352
7439-92-1	Lead	50		01/12/2025	1352
7439-95-4	Magnesium	2200		01/12/2025	1352
7439-96-5	Manganese	810		01/12/2025	1352
7440-02-0	Nickel	13		01/12/2025	1352
7440-09-7	Potassium	280	J	01/12/2025	1352
7782-49-2	Selenium	2.8	*	01/12/2025	1352
7440-22-4	Silver	0.80	U*	01/12/2025	1352
7440-23-5	Sodium	400	U	01/12/2025	1352
7440-28-0	Thallium	2.0	U	01/12/2025	1352
7440-62-2	Vanadium	16		01/12/2025	1352
7440-66-6	Zinc	49		01/12/2025	1352

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

Comments:

EPA SAMPLE NO.

MBHNE7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-19

% Solids: 85.5 Date Received: 12/07/2024

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
7429-90-5	Aluminum	7600		01/12/2025	1356
7440-36-0	Antimony	5.2	U*	01/12/2025	1356
7440-38-2	Arsenic	5.9	*	01/12/2025	1356
7440-39-3	Barium	50	*	01/12/2025	1356
7440-41-7	Beryllium	0.49	*	01/12/2025	1356
7440-43-9	Cadmium	0.56		01/12/2025	1356
7440-70-2	Calcium	1800		01/12/2025	1356
7440-47-3	Chromium	12		01/12/2025	1356
7440-48-4	Cobalt	9.4		01/12/2025	1356
7440-50-8	Copper	15	*	01/12/2025	1356
7439-89-6	Iron	19000		01/12/2025	1356
7439-92-1	Lead	17		01/12/2025	1356
7439-95-4	Magnesium	2200		01/12/2025	1356
7439-96-5	Manganese	1000		01/12/2025	1356
7440-02-0	Nickel	16		01/12/2025	1356
7440-09-7	Potassium	460		01/12/2025	1356
7782-49-2	Selenium	3.5	*	01/12/2025	1356
7440-22-4	Silver	0.87	U*	01/12/2025	1356
7440-23-5	Sodium	59	J	01/12/2025	1356
7440-28-0	Thallium	2.2	U	01/12/2025	1356
7440-62-2	Vanadium	18		01/12/2025	1356
7440-66-6	Zinc	33		01/12/2025	1356

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

Comments:

EPA SAMPLE NO.

MBHNE8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHMY5

Matrix: SOIL Lab Sample ID: P5201-22

% Solids: 85.3 Date Received: 12/07/2024

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
7429-90-5	Aluminum	8500		01/12/2025	1420
7440-36-0	Antimony	5.2	U*	01/12/2025	1420
7440-38-2	Arsenic	4.5	*	01/12/2025	1420
7440-39-3	Barium	59	*	01/12/2025	1420
7440-41-7	Beryllium	0.47	*	01/12/2025	1420
7440-43-9	Cadmium	0.61		01/12/2025	1420
7440-70-2	Calcium	2000		01/12/2025	1420
7440-47-3	Chromium	13		01/12/2025	1420
7440-48-4	Cobalt	10		01/12/2025	1420
7440-50-8	Copper	16	*	01/12/2025	1420
7439-89-6	Iron	17000		01/12/2025	1420
7439-92-1	Lead	9.5		01/12/2025	1420
7439-95-4	Magnesium	2900		01/12/2025	1420
7439-96-5	Manganese	580		01/12/2025	1420
7440-02-0	Nickel	22		01/12/2025	1420
7440-09-7	Potassium	580		01/12/2025	1420
7782-49-2	Selenium	3.2	*	01/12/2025	1420
7440-22-4	Silver	0.87	U*	01/12/2025	1420
7440-23-5	Sodium	61	J	01/12/2025	1420
7440-28-0	Thallium	2.2	U	01/12/2025	1420
7440-62-2	Vanadium	16		01/12/2025	1420
7440-66-6	Zinc	34		01/12/2025	1420

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

Comments: