EPA SAMPLE NO.

MBH6M7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-01

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	15000		11/08/2024	1956
7440-36-0	Antimony	60	U	11/08/2024	1956
7440-38-2	Arsenic	41		11/08/2024	1956
7440-39-3	Barium	95	J	11/08/2024	1956
7440-41-7	Beryllium	9.1		11/08/2024	1956
7440-43-9	Cadmium	1.0	J	11/08/2024	1956
7440-70-2	Calcium	180000		11/08/2024	1956
7440-47-3	Chromium	18		11/08/2024	1956
7440-48-4	Cobalt	23	J	11/08/2024	1956
7440-50-8	Copper	4000		11/08/2024	1956
7439-89-6	Iron	23000		11/08/2024	1956
7439-92-1	Lead	3.9	J	11/08/2024	1956
7439-95-4	Magnesium	23000		11/08/2024	1956
7439-96-5	Manganese	5400		11/08/2024	1956
7440-02-0	Nickel	41		11/08/2024	1956
7440-09-7	Potassium	4500	J	11/08/2024	1956
7782-49-2	Selenium	35	U	11/08/2024	1956
7440-22-4	Silver	10	U	11/08/2024	1956
7440-23-5	Sodium	7300		11/08/2024	1956
7440-28-0	Thallium	25	U	11/08/2024	1956
7440-62-2	Vanadium	130		11/08/2024	1956
7440-66-6	Zinc	510		11/08/2024	1956

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

Comments:

EPA SAMPLE NO.

MBH6M8

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-02

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000		11/08/2024	2001
7440-36-0	Antimony	60	U	11/08/2024	2001
7440-38-2	Arsenic	50		11/08/2024	2001
7440-39-3	Barium	85	J	11/08/2024	2001
7440-41-7	Beryllium	11		11/08/2024	2001
7440-43-9	Cadmium	0.78	J	11/08/2024	2001
7440-70-2	Calcium	180000		11/08/2024	2001
7440-47-3	Chromium	18		11/08/2024	2001
7440-48-4	Cobalt	24	J	11/08/2024	2001
7440-50-8	Copper	2000		11/08/2024	2001
7439-89-6	Iron	23000		11/08/2024	2001
7439-92-1	Lead	4.5	J	11/08/2024	2001
7439-95-4	Magnesium	24000		11/08/2024	2001
7439-96-5	Manganese	4700		11/08/2024	2001
7440-02-0	Nickel	44		11/08/2024	2001
7440-09-7	Potassium	5100		11/08/2024	2001
7782-49-2	Selenium	35	U	11/08/2024	2001
7440-22-4	Silver	10	U	11/08/2024	2001
7440-23-5	Sodium	8100		11/08/2024	2001
7440-28-0	Thallium	25	U	11/08/2024	2001
7440-62-2	Vanadium	140		11/08/2024	2001
7440-66-6	Zinc	510		11/08/2024	2001

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

Comments:

EPA SAMPLE NO.

MBH6M9

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-03

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000		11/08/2024	2005
7440-36-0	Antimony	60	U	11/08/2024	2005
7440-38-2	Arsenic	55		11/08/2024	2005
7440-39-3	Barium	84	J	11/08/2024	2005
7440-41-7	Beryllium	9.6		11/08/2024	2005
7440-43-9	Cadmium	1.2	J	11/08/2024	2005
7440-70-2	Calcium	250000		11/08/2024	2005
7440-47-3	Chromium	20		11/08/2024	2005
7440-48-4	Cobalt	27	J	11/08/2024	2005
7440-50-8	Copper	3600		11/08/2024	2005
7439-89-6	Iron	26000		11/08/2024	2005
7439-92-1	Lead	7.0	J	11/08/2024	2005
7439-95-4	Magnesium	25000		11/08/2024	2005
7439-96-5	Manganese	6700		11/08/2024	2005
7440-02-0	Nickel	48		11/08/2024	2005
7440-09-7	Potassium	4900	J	11/08/2024	2005
7782-49-2	Selenium	35	U	11/08/2024	2005
7440-22-4	Silver	10	U	11/08/2024	2005
7440-23-5	Sodium	8000		11/08/2024	2005
7440-28-0	Thallium	25	U	11/08/2024	2005
7440-62-2	Vanadium	130		11/08/2024	2005
7440-66-6	Zinc	520		11/08/2024	2005

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

Comments:

EPA SAMPLE NO.

MBH6N0

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-04

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000		11/08/2024	2010
7440-36-0	Antimony	60	U	11/08/2024	2010
7440-38-2	Arsenic	47		11/08/2024	2010
7440-39-3	Barium	81	J	11/08/2024	2010
7440-41-7	Beryllium	10		11/08/2024	2010
7440-43-9	Cadmium	1.2	J	11/08/2024	2010
7440-70-2	Calcium	200000		11/08/2024	2010
7440-47-3	Chromium	20		11/08/2024	2010
7440-48-4	Cobalt	28	J	11/08/2024	2010
7440-50-8	Copper	3100		11/08/2024	2010
7439-89-6	Iron	27000		11/08/2024	2010
7439-92-1	Lead	8.9	J	11/08/2024	2010
7439-95-4	Magnesium	27000		11/08/2024	2010
7439-96-5	Manganese	5300		11/08/2024	2010
7440-02-0	Nickel	49		11/08/2024	2010
7440-09-7	Potassium	5200		11/08/2024	2010
7782-49-2	Selenium	35	U	11/08/2024	2010
7440-22-4	Silver	10	U	11/08/2024	2010
7440-23-5	Sodium	8400		11/08/2024	2010
7440-28-0	Thallium	25	U	11/08/2024	2010
7440-62-2	Vanadium	140		11/08/2024	2010
7440-66-6	Zinc	550		11/08/2024	2010

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

Comments:

EPA SAMPLE NO.

MBH6N1

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-05

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	19000		11/08/2024	2014
7440-36-0	Antimony	60	U	11/08/2024	2014
7440-38-2	Arsenic	51		11/08/2024	2014
7440-39-3	Barium	73	J	11/08/2024	2014
7440-41-7	Beryllium	9.5		11/08/2024	2014
7440-43-9	Cadmium	1.5	J	11/08/2024	2014
7440-70-2	Calcium	200000		11/08/2024	2014
7440-47-3	Chromium	28		11/08/2024	2014
7440-48-4	Cobalt	33	J	11/08/2024	2014
7440-50-8	Copper	2100		11/08/2024	2014
7439-89-6	Iron	31000		11/08/2024	2014
7439-92-1	Lead	6.7	J	11/08/2024	2014
7439-95-4	Magnesium	29000		11/08/2024	2014
7439-96-5	Manganese	5600		11/08/2024	2014
7440-02-0	Nickel	57		11/08/2024	2014
7440-09-7	Potassium	5000		11/08/2024	2014
7782-49-2	Selenium	35	U	11/08/2024	2014
7440-22-4	Silver	10	U	11/08/2024	2014
7440-23-5	Sodium	8700		11/08/2024	2014
7440-28-0	Thallium	25	U	11/08/2024	2014
7440-62-2	Vanadium	160		11/08/2024	2014
7440-66-6	Zinc	500		11/08/2024	2014

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

Comments:

EPA SAMPLE NO.

MBH6N2

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-07

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000		11/08/2024	2023
7440-36-0	Antimony	60	U	11/08/2024	2023
7440-38-2	Arsenic	50		11/08/2024	2023
7440-39-3	Barium	78	J	11/08/2024	2023
7440-41-7	Beryllium	9.7		11/08/2024	2023
7440-43-9	Cadmium	1.3	J	11/08/2024	2023
7440-70-2	Calcium	250000		11/08/2024	2023
7440-47-3	Chromium	23		11/08/2024	2023
7440-48-4	Cobalt	29	J	11/08/2024	2023
7440-50-8	Copper	3400		11/08/2024	2023
7439-89-6	Iron	27000		11/08/2024	2023
7439-92-1	Lead	7.9	J	11/08/2024	2023
7439-95-4	Magnesium	26000		11/08/2024	2023
7439-96-5	Manganese	7700		11/08/2024	2023
7440-02-0	Nickel	52		11/08/2024	2023
7440-09-7	Potassium	4700	J	11/08/2024	2023
7782-49-2	Selenium	35	U	11/08/2024	2023
7440-22-4	Silver	10	U	11/08/2024	2023
7440-23-5	Sodium	7500		11/08/2024	2023
7440-28-0	Thallium	25	U	11/08/2024	2023
7440-62-2	Vanadium	130		11/08/2024	2023
7440-66-6	Zinc	490		11/08/2024	2023

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

Comments:

EPA SAMPLE NO.

MBH6N3

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-08

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000		11/08/2024	2027
7440-36-0	Antimony	60	U	11/08/2024	2027
7440-38-2	Arsenic	49		11/08/2024	2027
7440-39-3	Barium	89	J	11/08/2024	2027
7440-41-7	Beryllium	9.5		11/08/2024	2027
7440-43-9	Cadmium	1.3	J	11/08/2024	2027
7440-70-2	Calcium	210000		11/08/2024	2027
7440-47-3	Chromium	25		11/08/2024	2027
7440-48-4	Cobalt	31	J	11/08/2024	2027
7440-50-8	Copper	2400		11/08/2024	2027
7439-89-6	Iron	30000		11/08/2024	2027
7439-92-1	Lead	7.7	J	11/08/2024	2027
7439-95-4	Magnesium	27000		11/08/2024	2027
7439-96-5	Manganese	6200		11/08/2024	2027
7440-02-0	Nickel	54		11/08/2024	2027
7440-09-7	Potassium	4800	J	11/08/2024	2027
7782-49-2	Selenium	35	U	11/08/2024	2027
7440-22-4	Silver	10	U	11/08/2024	2027
7440-23-5	Sodium	8100		11/08/2024	2027
7440-28-0	Thallium	25	U	11/08/2024	2027
7440-62-2	Vanadium	150		11/08/2024	2027
7440-66-6	Zinc	560		11/08/2024	2027

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

Comments:

EPA SAMPLE NO.

MBH6N4

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-09

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	16000		11/08/2024	2031
7440-36-0	Antimony	60	U	11/08/2024	2031
7440-38-2	Arsenic	47		11/08/2024	2031
7440-39-3	Barium	77	J	11/08/2024	2031
7440-41-7	Beryllium	10		11/08/2024	2031
7440-43-9	Cadmium	0.93	J	11/08/2024	2031
7440-70-2	Calcium	190000		11/08/2024	2031
7440-47-3	Chromium	18		11/08/2024	2031
7440-48-4	Cobalt	24	J	11/08/2024	2031
7440-50-8	Copper	3200		11/08/2024	2031
7439-89-6	Iron	24000		11/08/2024	2031
7439-92-1	Lead	9.8	J	11/08/2024	2031
7439-95-4	Magnesium	25000		11/08/2024	2031
7439-96-5	Manganese	5100		11/08/2024	2031
7440-02-0	Nickel	44		11/08/2024	2031
7440-09-7	Potassium	5100		11/08/2024	2031
7782-49-2	Selenium	35	U	11/08/2024	2031
7440-22-4	Silver	10	U	11/08/2024	2031
7440-23-5	Sodium	7900		11/08/2024	2031
7440-28-0	Thallium	25	U	11/08/2024	2031
7440-62-2	Vanadium	120		11/08/2024	2031
7440-66-6	Zinc	550		11/08/2024	2031

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

Comments:

EPA SAMPLE NO.

MBH6N5

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-10

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	17000		11/08/2024	2036
7440-36-0	Antimony	60	U	11/08/2024	2036
7440-38-2	Arsenic	54		11/08/2024	2036
7440-39-3	Barium	77	J	11/08/2024	2036
7440-41-7	Beryllium	9.8		11/08/2024	2036
7440-43-9	Cadmium	1.2	J	11/08/2024	2036
7440-70-2	Calcium	250000		11/08/2024	2036
7440-47-3	Chromium	17		11/08/2024	2036
7440-48-4	Cobalt	27	J	11/08/2024	2036
7440-50-8	Copper	5400		11/08/2024	2036
7439-89-6	Iron	28000		11/08/2024	2036
7439-92-1	Lead	6.5	J	11/08/2024	2036
7439-95-4	Magnesium	26000		11/08/2024	2036
7439-96-5	Manganese	6700		11/08/2024	2036
7440-02-0	Nickel	48		11/08/2024	2036
7440-09-7	Potassium	5000		11/08/2024	2036
7782-49-2	Selenium	35	U	11/08/2024	2036
7440-22-4	Silver	10	U	11/08/2024	2036
7440-23-5	Sodium	8000		11/08/2024	2036
7440-28-0	Thallium	25	U	11/08/2024	2036
7440-62-2	Vanadium	130		11/08/2024	2036
7440-66-6	Zinc	520		11/08/2024	2036

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

Comments:

EPA SAMPLE NO.

MBH6N6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-11

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	13000		11/12/2024	1529
7440-36-0	Antimony	60	U	11/12/2024	1529
7440-38-2	Arsenic	34		11/12/2024	1529
7440-39-3	Barium	79	J	11/12/2024	1529
7440-41-7	Beryllium	8.1		11/12/2024	1529
7440-43-9	Cadmium	1.6	J	11/12/2024	1529
7440-70-2	Calcium	240000		11/12/2024	1529
7440-47-3	Chromium	19		11/12/2024	1529
7440-48-4	Cobalt	22	J	11/12/2024	1529
7440-50-8	Copper	2200		11/12/2024	1529
7439-89-6	Iron	22000		11/12/2024	1529
7439-92-1	Lead	4.0	J	11/12/2024	1529
7439-95-4	Magnesium	20000		11/12/2024	1529
7439-96-5	Manganese	6700		11/12/2024	1529
7440-02-0	Nickel	38	J	11/12/2024	1529
7440-09-7	Potassium	4200	J	11/12/2024	1529
7782-49-2	Selenium	35	U	11/12/2024	1529
7440-22-4	Silver	10	U	11/12/2024	1529
7440-23-5	Sodium	7400		11/12/2024	1529
7440-28-0	Thallium	25	U	11/12/2024	1529
7440-62-2	Vanadium	120		11/12/2024	1529
7440-66-6	Zinc	480		11/12/2024	1529

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

Comments:

EPA SAMPLE NO.

MBH6N7

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-14

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	18000		11/08/2024	2107
7440-36-0	Antimony	60	U	11/08/2024	2107
7440-38-2	Arsenic	59		11/08/2024	2107
7440-39-3	Barium	84	J	11/08/2024	2107
7440-41-7	Beryllium	10		11/08/2024	2107
7440-43-9	Cadmium	1.4	J	11/08/2024	2107
7440-70-2	Calcium	270000		11/08/2024	2107
7440-47-3	Chromium	22		11/08/2024	2107
7440-48-4	Cobalt	30	J	11/08/2024	2107
7440-50-8	Copper	1900		11/08/2024	2107
7439-89-6	Iron	30000		11/08/2024	2107
7439-92-1	Lead	6.2	J	11/08/2024	2107
7439-95-4	Magnesium	28000		11/08/2024	2107
7439-96-5	Manganese	6300		11/08/2024	2107
7440-02-0	Nickel	52		11/08/2024	2107
7440-09-7	Potassium	5100		11/08/2024	2107
7782-49-2	Selenium	35	U	11/08/2024	2107
7440-22-4	Silver	10	U	11/08/2024	2107
7440-23-5	Sodium	8000		11/08/2024	2107
7440-28-0	Thallium	25	U	11/08/2024	2107
7440-62-2	Vanadium	160		11/08/2024	2107
7440-66-6	Zinc	520		11/08/2024	2107

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

Comments:

EPA SAMPLE NO.

MBH8M6

FORM 1 - IN

INORGANIC ANALYSIS DATA SHEET

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

Lab Code: ACE Case No.: 51835 MA No. : SDG No.: MBH6M7

Matrix: Water Lab Sample ID: P4623-06

% Solids: Date Received: 10/29/2024

Analytical Method: ICP_AES

Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): ug/L

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	18000		11/08/2024	2018
7440-36-0	Antimony	60	U	11/08/2024	2018
7440-38-2	Arsenic	63		11/08/2024	2018
7440-39-3	Barium	74	J	11/08/2024	2018
7440-41-7	Beryllium	10		11/08/2024	2018
7440-43-9	Cadmium	1.3	J	11/08/2024	2018
7440-70-2	Calcium	230000		11/08/2024	2018
7440-47-3	Chromium	26		11/08/2024	2018
7440-48-4	Cobalt	31	J	11/08/2024	2018
7440-50-8	Copper	2900		11/08/2024	2018
7439-89-6	Iron	29000		11/08/2024	2018
7439-92-1	Lead	5.7	J	11/08/2024	2018
7439-95-4	Magnesium	28000		11/08/2024	2018
7439-96-5	Manganese	6700		11/08/2024	2018
7440-02-0	Nickel	55		11/08/2024	2018
7440-09-7	Potassium	5000		11/08/2024	2018
7782-49-2	Selenium	35	U	11/08/2024	2018
7440-22-4	Silver	10	U	11/08/2024	2018
7440-23-5	Sodium	7900		11/08/2024	2018
7440-28-0	Thallium	25	U	11/08/2024	2018
7440-62-2	Vanadium	150		11/08/2024	2018
7440-66-6	Zinc	500		11/08/2024	2018

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

Comments: