

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2D27

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-01

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	26000		01/15/2025	1644
7440-36-0	Antimony	60	U*	01/15/2025	1644
7440-38-2	Arsenic	16		01/15/2025	1644
7440-39-3	Barium	78	J*	01/15/2025	1644
7440-41-7	Beryllium	25		01/15/2025	1644
7440-43-9	Cadmium	510		01/15/2025	1644
7440-70-2	Calcium	77000		01/15/2025	1644
7440-47-3	Chromium	19		01/15/2025	1644
7440-48-4	Cobalt	30	J	01/15/2025	1644
7440-50-8	Copper	19000		01/15/2025	1644
7439-89-6	Iron	4300		01/15/2025	1644
7439-92-1	Lead	350		01/15/2025	1644
7439-95-4	Magnesium	5300		01/15/2025	1644
7439-96-5	Manganese	200000	D	01/16/2025	1318
7440-02-0	Nickel	60		01/15/2025	1644
7440-09-7	Potassium	2700	J	01/15/2025	1644
7782-49-2	Selenium	35	U	01/15/2025	1644
7440-22-4	Silver	34	*	01/15/2025	1644
7440-23-5	Sodium	4800	J	01/15/2025	1644
7440-28-0	Thallium	53		01/15/2025	1644
7440-62-2	Vanadium	50	U	01/15/2025	1644
7440-66-6	Zinc	240000	D	01/16/2025	1318

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

Comments:

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MH2D30

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-02

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	34000		01/15/2025	1648
7440-36-0	Antimony	34	J*	01/15/2025	1648
7440-38-2	Arsenic	10	U	01/15/2025	1648
7440-39-3	Barium	54	J*	01/15/2025	1648
7440-41-7	Beryllium	9.6		01/15/2025	1648
7440-43-9	Cadmium	66		01/15/2025	1648
7440-70-2	Calcium	130000		01/15/2025	1648
7440-47-3	Chromium	150		01/15/2025	1648
7440-48-4	Cobalt	26	J	01/15/2025	1648
7440-50-8	Copper	24000		01/15/2025	1648
7439-89-6	Iron	78000		01/15/2025	1648
7439-92-1	Lead	3300		01/15/2025	1648
7439-95-4	Magnesium	2800	J	01/15/2025	1648
7439-96-5	Manganese	560000	D	01/16/2025	1805
7440-02-0	Nickel	51		01/15/2025	1648
7440-09-7	Potassium	5000	U	01/15/2025	1648
7782-49-2	Selenium	170		01/15/2025	1648
7440-22-4	Silver	130	*	01/15/2025	1648
7440-23-5	Sodium	5000		01/15/2025	1648
7440-28-0	Thallium	570		01/15/2025	1648
7440-62-2	Vanadium	50	U	01/15/2025	1648
7440-66-6	Zinc	15000		01/15/2025	1648

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

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MH2D33

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-03

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20000		01/15/2025	1652
7440-36-0	Antimony	6.7	J*	01/15/2025	1652
7440-38-2	Arsenic	23		01/15/2025	1652
7440-39-3	Barium	65	J*	01/15/2025	1652
7440-41-7	Beryllium	12		01/15/2025	1652
7440-43-9	Cadmium	96		01/15/2025	1652
7440-70-2	Calcium	42000		01/15/2025	1652
7440-47-3	Chromium	36		01/15/2025	1652
7440-48-4	Cobalt	34	J	01/15/2025	1652
7440-50-8	Copper	4500		01/15/2025	1652
7439-89-6	Iron	37000		01/15/2025	1652
7439-92-1	Lead	1600		01/15/2025	1652
7439-95-4	Magnesium	6100		01/15/2025	1652
7439-96-5	Manganese	30000		01/15/2025	1652
7440-02-0	Nickel	46		01/15/2025	1652
7440-09-7	Potassium	1800	J	01/15/2025	1652
7782-49-2	Selenium	35	U	01/15/2025	1652
7440-22-4	Silver	26	*	01/15/2025	1652
7440-23-5	Sodium	5500		01/15/2025	1652
7440-28-0	Thallium	25	U	01/15/2025	1652
7440-62-2	Vanadium	3.3	J	01/15/2025	1652
7440-66-6	Zinc	14000		01/15/2025	1652

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

Comments:

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MH2D36

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-04

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	21000		01/15/2025	1656
7440-36-0	Antimony	32	J*	01/15/2025	1656
7440-38-2	Arsenic	10	U	01/15/2025	1656
7440-39-3	Barium	21	J*	01/15/2025	1656
7440-41-7	Beryllium	23		01/15/2025	1656
7440-43-9	Cadmium	970		01/15/2025	1656
7440-70-2	Calcium	42000		01/15/2025	1656
7440-47-3	Chromium	20		01/15/2025	1656
7440-48-4	Cobalt	130		01/15/2025	1656
7440-50-8	Copper	210000	D	01/16/2025	1335
7439-89-6	Iron	41000		01/15/2025	1656
7439-92-1	Lead	4900		01/15/2025	1656
7439-95-4	Magnesium	3500	J	01/15/2025	1656
7439-96-5	Manganese	180000	D	01/16/2025	1335
7440-02-0	Nickel	49		01/15/2025	1656
7440-09-7	Potassium	3200	J	01/15/2025	1656
7782-49-2	Selenium	10	J	01/15/2025	1656
7440-22-4	Silver	140	*	01/15/2025	1656
7440-23-5	Sodium	3200	J	01/15/2025	1656
7440-28-0	Thallium	13	J	01/15/2025	1656
7440-62-2	Vanadium	50	U	01/15/2025	1656
7440-66-6	Zinc	170000	D	01/16/2025	1335

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

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MH2D39

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-05

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	200	U	01/15/2025	1701
7440-36-0	Antimony	90	*	01/15/2025	1701
7440-38-2	Arsenic	140		01/15/2025	1701
7440-39-3	Barium	87	J*	01/15/2025	1701
7440-41-7	Beryllium	5.0	U	01/15/2025	1701
7440-43-9	Cadmium	19		01/15/2025	1701
7440-70-2	Calcium	890000	D	01/16/2025	1339
7440-47-3	Chromium	10	U	01/15/2025	1701
7440-48-4	Cobalt	2.2	J	01/15/2025	1701
7440-50-8	Copper	980		01/15/2025	1701
7439-89-6	Iron	100	U	01/15/2025	1701
7439-92-1	Lead	190		01/15/2025	1701
7439-95-4	Magnesium	5900		01/15/2025	1701
7439-96-5	Manganese	730		01/15/2025	1701
7440-02-0	Nickel	12	J	01/15/2025	1701
7440-09-7	Potassium	5000	U	01/15/2025	1701
7782-49-2	Selenium	35	U	01/15/2025	1701
7440-22-4	Silver	10	U*	01/15/2025	1701
7440-23-5	Sodium	1700	J	01/15/2025	1701
7440-28-0	Thallium	25	U	01/15/2025	1701
7440-62-2	Vanadium	50	U	01/15/2025	1701
7440-66-6	Zinc	7300		01/15/2025	1701

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

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MH2D42

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-06

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	44000		01/15/2025	1705
7440-36-0	Antimony	7.7	J*	01/15/2025	1705
7440-38-2	Arsenic	18		01/15/2025	1705
7440-39-3	Barium	25	J*	01/15/2025	1705
7440-41-7	Beryllium	32		01/15/2025	1705
7440-43-9	Cadmium	71		01/15/2025	1705
7440-70-2	Calcium	57000		01/15/2025	1705
7440-47-3	Chromium	44		01/15/2025	1705
7440-48-4	Cobalt	50		01/15/2025	1705
7440-50-8	Copper	4900		01/15/2025	1705
7439-89-6	Iron	58000		01/15/2025	1705
7439-92-1	Lead	5500		01/15/2025	1705
7439-95-4	Magnesium	10000		01/15/2025	1705
7439-96-5	Manganese	74000	D	01/16/2025	1716
7440-02-0	Nickel	50		01/15/2025	1705
7440-09-7	Potassium	850	J	01/15/2025	1705
7782-49-2	Selenium	35	U	01/15/2025	1705
7440-22-4	Silver	120	*	01/15/2025	1705
7440-23-5	Sodium	5300		01/15/2025	1705
7440-28-0	Thallium	12	J	01/15/2025	1705
7440-62-2	Vanadium	50	U	01/15/2025	1705
7440-66-6	Zinc	11000		01/15/2025	1705

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

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MH2D45

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-07

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6900		01/16/2025	1233
7440-36-0	Antimony	110	*	01/16/2025	1233
7440-38-2	Arsenic	2700		01/16/2025	1233
7440-39-3	Barium	50	J*	01/16/2025	1233
7440-41-7	Beryllium	0.22	J	01/16/2025	1233
7440-43-9	Cadmium	72		01/16/2025	1233
7440-70-2	Calcium	8300		01/16/2025	1233
7440-47-3	Chromium	3.5	J	01/16/2025	1233
7440-48-4	Cobalt	9.4	J	01/16/2025	1233
7440-50-8	Copper	30000		01/16/2025	1233
7439-89-6	Iron	82000		01/16/2025	1233
7439-92-1	Lead	3300		01/16/2025	1233
7439-95-4	Magnesium	2100	J	01/16/2025	1233
7439-96-5	Manganese	4600		01/16/2025	1233
7440-02-0	Nickel	7.0	J	01/16/2025	1233
7440-09-7	Potassium	5000	U	01/16/2025	1233
7782-49-2	Selenium	12	J	01/16/2025	1233
7440-22-4	Silver	7.8	J*	01/16/2025	1233
7440-23-5	Sodium	4900	J	01/16/2025	1233
7440-28-0	Thallium	25	U	01/16/2025	1233
7440-62-2	Vanadium	80		01/16/2025	1233
7440-66-6	Zinc	14000		01/16/2025	1233

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

Comments:

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MH2D48

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-08

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	11000		01/16/2025	1237
7440-36-0	Antimony	89	*	01/16/2025	1237
7440-38-2	Arsenic	200		01/16/2025	1237
7440-39-3	Barium	35	J*	01/16/2025	1237
7440-41-7	Beryllium	4.3	J	01/16/2025	1237
7440-43-9	Cadmium	140		01/16/2025	1237
7440-70-2	Calcium	15000		01/16/2025	1237
7440-47-3	Chromium	7.9	J	01/16/2025	1237
7440-48-4	Cobalt	49	J	01/16/2025	1237
7440-50-8	Copper	10000		01/16/2025	1237
7439-89-6	Iron	89000		01/16/2025	1237
7439-92-1	Lead	3400		01/16/2025	1237
7439-95-4	Magnesium	2500	J	01/16/2025	1237
7439-96-5	Manganese	55000	D	01/16/2025	1351
7440-02-0	Nickel	18	J	01/16/2025	1237
7440-09-7	Potassium	5000	U	01/16/2025	1237
7782-49-2	Selenium	10	J	01/16/2025	1237
7440-22-4	Silver	17	*	01/16/2025	1237
7440-23-5	Sodium	4000	J	01/16/2025	1237
7440-28-0	Thallium	25	U	01/16/2025	1237
7440-62-2	Vanadium	60		01/16/2025	1237
7440-66-6	Zinc	27000		01/16/2025	1237

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

Comments:

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MH2D51

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-09

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	26000		01/16/2025	1241
7440-36-0	Antimony	16	J*	01/16/2025	1241
7440-38-2	Arsenic	37		01/16/2025	1241
7440-39-3	Barium	25	J*	01/16/2025	1241
7440-41-7	Beryllium	2.5	J	01/16/2025	1241
7440-43-9	Cadmium	20		01/16/2025	1241
7440-70-2	Calcium	41000		01/16/2025	1241
7440-47-3	Chromium	44		01/16/2025	1241
7440-48-4	Cobalt	36	J	01/16/2025	1241
7440-50-8	Copper	11000		01/16/2025	1241
7439-89-6	Iron	73000		01/16/2025	1241
7439-92-1	Lead	5500		01/16/2025	1241
7439-95-4	Magnesium	3100	J	01/16/2025	1241
7439-96-5	Manganese	12000		01/16/2025	1241
7440-02-0	Nickel	29	J	01/16/2025	1241
7440-09-7	Potassium	5000	U	01/16/2025	1241
7782-49-2	Selenium	6.4	J	01/16/2025	1241
7440-22-4	Silver	3.5	J*	01/16/2025	1241
7440-23-5	Sodium	4300	J	01/16/2025	1241
7440-28-0	Thallium	25	U	01/16/2025	1241
7440-62-2	Vanadium	14	J	01/16/2025	1241
7440-66-6	Zinc	3700		01/16/2025	1241

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

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MH2D54

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-10

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	29000		01/16/2025	1245
7440-36-0	Antimony	8.5	J*	01/16/2025	1245
7440-38-2	Arsenic	21		01/16/2025	1245
7440-39-3	Barium	60	J*	01/16/2025	1245
7440-41-7	Beryllium	9.4		01/16/2025	1245
7440-43-9	Cadmium	110		01/16/2025	1245
7440-70-2	Calcium	76000		01/16/2025	1245
7440-47-3	Chromium	11		01/16/2025	1245
7440-48-4	Cobalt	70		01/16/2025	1245
7440-50-8	Copper	4800		01/16/2025	1245
7439-89-6	Iron	39000		01/16/2025	1245
7439-92-1	Lead	6300		01/16/2025	1245
7439-95-4	Magnesium	7700		01/16/2025	1245
7439-96-5	Manganese	26000		01/16/2025	1245
7440-02-0	Nickel	33	J	01/16/2025	1245
7440-09-7	Potassium	1800	J	01/16/2025	1245
7782-49-2	Selenium	35	U	01/16/2025	1245
7440-22-4	Silver	3.3	J*	01/16/2025	1245
7440-23-5	Sodium	4200	J	01/16/2025	1245
7440-28-0	Thallium	3.9	J	01/16/2025	1245
7440-62-2	Vanadium	14	J	01/16/2025	1245
7440-66-6	Zinc	16000		01/16/2025	1245

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

Comments:

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MH2D57

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-11

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	28000		01/16/2025	1249
7440-36-0	Antimony	88	*	01/16/2025	1249
7440-38-2	Arsenic	65		01/16/2025	1249
7440-39-3	Barium	32	J*	01/16/2025	1249
7440-41-7	Beryllium	8.9		01/16/2025	1249
7440-43-9	Cadmium	160		01/16/2025	1249
7440-70-2	Calcium	57000		01/16/2025	1249
7440-47-3	Chromium	33		01/16/2025	1249
7440-48-4	Cobalt	35	J	01/16/2025	1249
7440-50-8	Copper	100000	D	01/16/2025	1407
7439-89-6	Iron	130000		01/16/2025	1249
7439-92-1	Lead	4000		01/16/2025	1249
7439-95-4	Magnesium	2900	J	01/16/2025	1249
7439-96-5	Manganese	34000	D	01/16/2025	1403
7440-02-0	Nickel	24	J	01/16/2025	1249
7440-09-7	Potassium	5000	U	01/16/2025	1249
7782-49-2	Selenium	17	J	01/16/2025	1249
7440-22-4	Silver	130	*	01/16/2025	1249
7440-23-5	Sodium	4000	J	01/16/2025	1249
7440-28-0	Thallium	25	U	01/16/2025	1249
7440-62-2	Vanadium	50	U	01/16/2025	1249
7440-66-6	Zinc	28000		01/16/2025	1249

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2D60

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-12

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	32000		01/16/2025	1253
7440-36-0	Antimony	60	U*	01/16/2025	1253
7440-38-2	Arsenic	23		01/16/2025	1253
7440-39-3	Barium	29	J*	01/16/2025	1253
7440-41-7	Beryllium	28		01/16/2025	1253
7440-43-9	Cadmium	50		01/16/2025	1253
7440-70-2	Calcium	55000		01/16/2025	1253
7440-47-3	Chromium	17		01/16/2025	1253
7440-48-4	Cobalt	34	J	01/16/2025	1253
7440-50-8	Copper	5200		01/16/2025	1253
7439-89-6	Iron	33000		01/16/2025	1253
7439-92-1	Lead	6100		01/16/2025	1253
7439-95-4	Magnesium	6700		01/16/2025	1253
7439-96-5	Manganese	28000		01/16/2025	1253
7440-02-0	Nickel	30	J	01/16/2025	1253
7440-09-7	Potassium	5000	U	01/16/2025	1253
7782-49-2	Selenium	35	U	01/16/2025	1253
7440-22-4	Silver	14	*	01/16/2025	1253
7440-23-5	Sodium	2900	J	01/16/2025	1253
7440-28-0	Thallium	9.1	J	01/16/2025	1253
7440-62-2	Vanadium	50	U	01/16/2025	1253
7440-66-6	Zinc	7600		01/16/2025	1253

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2D63

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-13

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	20000		01/16/2025	1257
7440-36-0	Antimony	60	U*	01/16/2025	1257
7440-38-2	Arsenic	24		01/16/2025	1257
7440-39-3	Barium	27	J*	01/16/2025	1257
7440-41-7	Beryllium	7.9		01/16/2025	1257
7440-43-9	Cadmium	13		01/16/2025	1257
7440-70-2	Calcium	65000		01/16/2025	1257
7440-47-3	Chromium	11		01/16/2025	1257
7440-48-4	Cobalt	18	J	01/16/2025	1257
7440-50-8	Copper	1400		01/16/2025	1257
7439-89-6	Iron	27000		01/16/2025	1257
7439-92-1	Lead	4800		01/16/2025	1257
7439-95-4	Magnesium	5800		01/16/2025	1257
7439-96-5	Manganese	9300		01/16/2025	1257
7440-02-0	Nickel	9.7	J	01/16/2025	1257
7440-09-7	Potassium	5000	U	01/16/2025	1257
7782-49-2	Selenium	35	U	01/16/2025	1257
7440-22-4	Silver	7.9	J*	01/16/2025	1257
7440-23-5	Sodium	3800	J	01/16/2025	1257
7440-28-0	Thallium	25	U	01/16/2025	1257
7440-62-2	Vanadium	29	J	01/16/2025	1257
7440-66-6	Zinc	3700		01/16/2025	1257

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2D66

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-14

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	21000		01/16/2025	1301
7440-36-0	Antimony	60	U*	01/16/2025	1301
7440-38-2	Arsenic	3.2	J	01/16/2025	1301
7440-39-3	Barium	19	J*	01/16/2025	1301
7440-41-7	Beryllium	31		01/16/2025	1301
7440-43-9	Cadmium	930		01/16/2025	1301
7440-70-2	Calcium	250000		01/16/2025	1301
7440-47-3	Chromium	86		01/16/2025	1301
7440-48-4	Cobalt	180		01/16/2025	1301
7440-50-8	Copper	4800		01/16/2025	1301
7439-89-6	Iron	64000		01/16/2025	1301
7439-92-1	Lead	3900		01/16/2025	1301
7439-95-4	Magnesium	6800		01/16/2025	1301
7439-96-5	Manganese	360000	D	01/16/2025	1721
7440-02-0	Nickel	210		01/16/2025	1301
7440-09-7	Potassium	7300		01/16/2025	1301
7782-49-2	Selenium	18	J	01/16/2025	1301
7440-22-4	Silver	98	*	01/16/2025	1301
7440-23-5	Sodium	3500	J	01/16/2025	1301
7440-28-0	Thallium	120		01/16/2025	1301
7440-62-2	Vanadium	50	U	01/16/2025	1301
7440-66-6	Zinc	85000	D	01/16/2025	1416

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2D69

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-15

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	42	J	01/16/2025	1306
7440-36-0	Antimony	60	U*	01/16/2025	1306
7440-38-2	Arsenic	10	U	01/16/2025	1306
7440-39-3	Barium	68	J*	01/16/2025	1306
7440-41-7	Beryllium	23		01/16/2025	1306
7440-43-9	Cadmium	250		01/16/2025	1306
7440-70-2	Calcium	570000		01/16/2025	1306
7440-47-3	Chromium	7.7	J	01/16/2025	1306
7440-48-4	Cobalt	440		01/16/2025	1306
7440-50-8	Copper	30		01/16/2025	1306
7439-89-6	Iron	540		01/16/2025	1306
7439-92-1	Lead	46		01/16/2025	1306
7439-95-4	Magnesium	41000		01/16/2025	1306
7439-96-5	Manganese	230000	D	01/16/2025	1420
7440-02-0	Nickel	200		01/16/2025	1306
7440-09-7	Potassium	5000	U	01/16/2025	1306
7782-49-2	Selenium	35	U	01/16/2025	1306
7440-22-4	Silver	33	*	01/16/2025	1306
7440-23-5	Sodium	3900	J	01/16/2025	1306
7440-28-0	Thallium	25	U	01/16/2025	1306
7440-62-2	Vanadium	50	U	01/16/2025	1306
7440-66-6	Zinc	98000	D	01/16/2025	1420

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2D72

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-16

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	25000		01/16/2025	1310
7440-36-0	Antimony	34	J*	01/16/2025	1310
7440-38-2	Arsenic	57		01/16/2025	1310
7440-39-3	Barium	42	J*	01/16/2025	1310
7440-41-7	Beryllium	10		01/16/2025	1310
7440-43-9	Cadmium	55		01/16/2025	1310
7440-70-2	Calcium	520000		01/16/2025	1310
7440-47-3	Chromium	110		01/16/2025	1310
7440-48-4	Cobalt	54		01/16/2025	1310
7440-50-8	Copper	3400		01/16/2025	1310
7439-89-6	Iron	260000		01/16/2025	1310
7439-92-1	Lead	2400		01/16/2025	1310
7439-95-4	Magnesium	5400		01/16/2025	1310
7439-96-5	Manganese	69000	D	01/16/2025	1424
7440-02-0	Nickel	77		01/16/2025	1310
7440-09-7	Potassium	5000	U	01/16/2025	1310
7782-49-2	Selenium	32	J	01/16/2025	1310
7440-22-4	Silver	37	*	01/16/2025	1310
7440-23-5	Sodium	2900	J	01/16/2025	1310
7440-28-0	Thallium	25	U	01/16/2025	1310
7440-62-2	Vanadium	21	J	01/16/2025	1310
7440-66-6	Zinc	12000		01/16/2025	1310

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MH2D75

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

Lab Code: ACE Case No.: 51811 MA No. : 3124.0 SDG No.: MH2D27

Matrix: Water Lab Sample ID: P5392-17

% Solids: _____ Date Received: 12/27/2024

Analytical Method: ICP_AES

Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): $\mu\text{g/L}$

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	26000		01/15/2025	1504
7440-36-0	Antimony	16	J*	01/15/2025	1504
7440-38-2	Arsenic	25		01/15/2025	1504
7440-39-3	Barium	32	J*	01/15/2025	1504
7440-41-7	Beryllium	23		01/15/2025	1504
7440-43-9	Cadmium	52		01/15/2025	1504
7440-70-2	Calcium	390000		01/15/2025	1504
7440-47-3	Chromium	110		01/15/2025	1504
7440-48-4	Cobalt	29	J	01/15/2025	1504
7440-50-8	Copper	6800		01/15/2025	1504
7439-89-6	Iron	130000		01/15/2025	1504
7439-92-1	Lead	3500		01/15/2025	1504
7439-95-4	Magnesium	3800	J	01/15/2025	1504
7439-96-5	Manganese	140000	D	01/16/2025	1428
7440-02-0	Nickel	67		01/15/2025	1504
7440-09-7	Potassium	2400	J	01/15/2025	1504
7782-49-2	Selenium	9.0	J	01/15/2025	1504
7440-22-4	Silver	33	*	01/15/2025	1504
7440-23-5	Sodium	2300	J	01/15/2025	1504
7440-28-0	Thallium	25	U	01/15/2025	1504
7440-62-2	Vanadium	3.8	J	01/15/2025	1504
7440-66-6	Zinc	8400		01/15/2025	1504

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

Comments: