

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCJ7

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-01

% Solids: 84.4 Date Received: 10/23/2024

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	12000		10/31/2024	2339
7440-36-0	Antimony	5.5	U*	10/31/2024	2339
7440-38-2	Arsenic	0.91	U	10/31/2024	2339
7440-39-3	Barium	44	*	10/31/2024	2339
7440-41-7	Beryllium	0.87		10/31/2024	2339
7440-43-9	Cadmium	1.1		10/31/2024	2339
7440-70-2	Calcium	95000	D	11/04/2024	2242
7440-47-3	Chromium	130	*	10/31/2024	2339
7440-48-4	Cobalt	25	*	10/31/2024	2339
7440-50-8	Copper	34	*	10/31/2024	2339
7439-89-6	Iron	33000	*	10/31/2024	2339
7439-92-1	Lead	8.8		10/31/2024	2339
7439-95-4	Magnesium	19000		10/31/2024	2339
7439-96-5	Manganese	430		10/31/2024	2339
7440-02-0	Nickel	180		10/31/2024	2339
7440-09-7	Potassium	920	*	10/31/2024	2339
7782-49-2	Selenium	3.2	U	10/31/2024	2339
7440-22-4	Silver	0.91	U	10/31/2024	2339
7440-23-5	Sodium	540		10/31/2024	2339
7440-28-0	Thallium	2.3	U*	10/31/2024	2339
7440-62-2	Vanadium	90		10/31/2024	2339
7440-66-6	Zinc	50	*	10/31/2024	2339

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

Comments:

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MBHCJ8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-02

% Solids: 84.8 Date Received: 10/23/2024

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	13000		10/31/2024	2343
7440-36-0	Antimony	5.7	U*	10/31/2024	2343
7440-38-2	Arsenic	0.58	J	10/31/2024	2343
7440-39-3	Barium	190	*	10/31/2024	2343
7440-41-7	Beryllium	0.80		10/31/2024	2343
7440-43-9	Cadmium	1.1		10/31/2024	2343
7440-70-2	Calcium	110000	D	11/04/2024	2247
7440-47-3	Chromium	100	*	10/31/2024	2343
7440-48-4	Cobalt	21	*	10/31/2024	2343
7440-50-8	Copper	46	*	10/31/2024	2343
7439-89-6	Iron	29000	*	10/31/2024	2343
7439-92-1	Lead	15		10/31/2024	2343
7439-95-4	Magnesium	18000		10/31/2024	2343
7439-96-5	Manganese	480		10/31/2024	2343
7440-02-0	Nickel	150		10/31/2024	2343
7440-09-7	Potassium	1800	*	10/31/2024	2343
7782-49-2	Selenium	3.3	U	10/31/2024	2343
7440-22-4	Silver	0.94	U	10/31/2024	2343
7440-23-5	Sodium	760		10/31/2024	2343
7440-28-0	Thallium	2.4	U*	10/31/2024	2343
7440-62-2	Vanadium	92		10/31/2024	2343
7440-66-6	Zinc	140	*	10/31/2024	2343

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

Comments:

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MBHCJ9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-03

% Solids: 79.1 Date Received: 10/23/2024

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	14000		10/31/2024	2348
7440-36-0	Antimony	5.1	U*	10/31/2024	2348
7440-38-2	Arsenic	3.7		10/31/2024	2348
7440-39-3	Barium	83	*	10/31/2024	2348
7440-41-7	Beryllium	0.74		10/31/2024	2348
7440-43-9	Cadmium	1.3		10/31/2024	2348
7440-70-2	Calcium	160000	D	11/04/2024	2251
7440-47-3	Chromium	140	*	10/31/2024	2348
7440-48-4	Cobalt	23	*	10/31/2024	2348
7440-50-8	Copper	35	*	10/31/2024	2348
7439-89-6	Iron	28000	*	10/31/2024	2348
7439-92-1	Lead	16		10/31/2024	2348
7439-95-4	Magnesium	18000		10/31/2024	2348
7439-96-5	Manganese	440		10/31/2024	2348
7440-02-0	Nickel	190		10/31/2024	2348
7440-09-7	Potassium	1700	*	10/31/2024	2348
7782-49-2	Selenium	3.0	U	10/31/2024	2348
7440-22-4	Silver	0.85	U	10/31/2024	2348
7440-23-5	Sodium	620		10/31/2024	2348
7440-28-0	Thallium	2.1	U*	10/31/2024	2348
7440-62-2	Vanadium	79		10/31/2024	2348
7440-66-6	Zinc	83	*	10/31/2024	2348

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

Comments:

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MBHCK0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-04

% Solids: 80.3 Date Received: 10/23/2024

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	10000		10/31/2024	2352
7440-36-0	Antimony	5.2	U*	10/31/2024	2352
7440-38-2	Arsenic	0.86	U	10/31/2024	2352
7440-39-3	Barium	69	*	10/31/2024	2352
7440-41-7	Beryllium	0.63		10/31/2024	2352
7440-43-9	Cadmium	1.3		10/31/2024	2352
7440-70-2	Calcium	180000	D	11/04/2024	2255
7440-47-3	Chromium	190	*	10/31/2024	2352
7440-48-4	Cobalt	23	*	10/31/2024	2352
7440-50-8	Copper	30	*	10/31/2024	2352
7439-89-6	Iron	26000	*	10/31/2024	2352
7439-92-1	Lead	29		10/31/2024	2352
7439-95-4	Magnesium	24000		10/31/2024	2352
7439-96-5	Manganese	410		10/31/2024	2352
7440-02-0	Nickel	270		10/31/2024	2352
7440-09-7	Potassium	1500	*	10/31/2024	2352
7782-49-2	Selenium	3.0	U	10/31/2024	2352
7440-22-4	Silver	0.73	J	10/31/2024	2352
7440-23-5	Sodium	650		10/31/2024	2352
7440-28-0	Thallium	2.2	U*	10/31/2024	2352
7440-62-2	Vanadium	66		10/31/2024	2352
7440-66-6	Zinc	160	*	10/31/2024	2352

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

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MBHCK1

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-05

% Solids: 79.6 Date Received: 10/23/2024

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	13000		10/31/2024	2356
7440-36-0	Antimony	5.3	U*	10/31/2024	2356
7440-38-2	Arsenic	0.89	U	10/31/2024	2356
7440-39-3	Barium	140	*	10/31/2024	2356
7440-41-7	Beryllium	0.78		10/31/2024	2356
7440-43-9	Cadmium	1.1		10/31/2024	2356
7440-70-2	Calcium	92000	D	11/04/2024	2300
7440-47-3	Chromium	160	*	10/31/2024	2356
7440-48-4	Cobalt	27	*	10/31/2024	2356
7440-50-8	Copper	35	*	10/31/2024	2356
7439-89-6	Iron	31000	*	10/31/2024	2356
7439-92-1	Lead	19		10/31/2024	2356
7439-95-4	Magnesium	23000		10/31/2024	2356
7439-96-5	Manganese	560		10/31/2024	2356
7440-02-0	Nickel	270		10/31/2024	2356
7440-09-7	Potassium	1100	*	10/31/2024	2356
7782-49-2	Selenium	3.1	U	10/31/2024	2356
7440-22-4	Silver	0.89	U	10/31/2024	2356
7440-23-5	Sodium	1100		10/31/2024	2356
7440-28-0	Thallium	2.2	U*	10/31/2024	2356
7440-62-2	Vanadium	76		10/31/2024	2356
7440-66-6	Zinc	66	*	10/31/2024	2356

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

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MBHCK2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-06

% Solids: 77.8 Date Received: 10/23/2024

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	13000		11/01/2024	0001
7440-36-0	Antimony	6.7	U*	11/01/2024	0001
7440-38-2	Arsenic	1.1	U	11/01/2024	0001
7440-39-3	Barium	60	*	11/01/2024	0001
7440-41-7	Beryllium	0.88		11/01/2024	0001
7440-43-9	Cadmium	1.0		11/01/2024	0001
7440-70-2	Calcium	110000	D	11/04/2024	2304
7440-47-3	Chromium	250	*	11/01/2024	0001
7440-48-4	Cobalt	28	*	11/01/2024	0001
7440-50-8	Copper	35	*	11/01/2024	0001
7439-89-6	Iron	33000	*	11/01/2024	0001
7439-92-1	Lead	8.2		11/01/2024	0001
7439-95-4	Magnesium	24000		11/01/2024	0001
7439-96-5	Manganese	600		11/01/2024	0001
7440-02-0	Nickel	310		11/01/2024	0001
7440-09-7	Potassium	970	*	11/01/2024	0001
7782-49-2	Selenium	3.9	U	11/01/2024	0001
7440-22-4	Silver	1.1	U	11/01/2024	0001
7440-23-5	Sodium	610		11/01/2024	0001
7440-28-0	Thallium	2.8	U*	11/01/2024	0001
7440-62-2	Vanadium	93		11/01/2024	0001
7440-66-6	Zinc	48	*	11/01/2024	0001

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

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MBHCK8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-07

% Solids: 93.5 Date Received: 10/23/2024

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	7500		11/01/2024	0014
7440-36-0	Antimony	4.7	U*	11/01/2024	0014
7440-38-2	Arsenic	0.79	U	11/01/2024	0014
7440-39-3	Barium	43	*	11/01/2024	0014
7440-41-7	Beryllium	0.39		11/01/2024	0014
7440-43-9	Cadmium	0.76		11/01/2024	0014
7440-70-2	Calcium	160000	D	11/04/2024	2309
7440-47-3	Chromium	190	*	11/01/2024	0014
7440-48-4	Cobalt	24	*	11/01/2024	0014
7440-50-8	Copper	27	*	11/01/2024	0014
7439-89-6	Iron	19000	*	11/01/2024	0014
7439-92-1	Lead	14		11/01/2024	0014
7439-95-4	Magnesium	33000		11/01/2024	0014
7439-96-5	Manganese	400		11/01/2024	0014
7440-02-0	Nickel	330		11/01/2024	0014
7440-09-7	Potassium	820	*	11/01/2024	0014
7782-49-2	Selenium	2.8	U	11/01/2024	0014
7440-22-4	Silver	1.6		11/01/2024	0014
7440-23-5	Sodium	460		11/01/2024	0014
7440-28-0	Thallium	2.0	U*	11/01/2024	0014
7440-62-2	Vanadium	52		11/01/2024	0014
7440-66-6	Zinc	58	*	11/01/2024	0014

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

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MBHCK9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-08

% Solids: 91.8 Date Received: 10/23/2024

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	7400		11/01/2024	0019
7440-36-0	Antimony	5.2	U*	11/01/2024	0019
7440-38-2	Arsenic	0.87	U	11/01/2024	0019
7440-39-3	Barium	28	*	11/01/2024	0019
7440-41-7	Beryllium	0.57		11/01/2024	0019
7440-43-9	Cadmium	1.1		11/01/2024	0019
7440-70-2	Calcium	46000		11/01/2024	0019
7440-47-3	Chromium	1000	*	11/01/2024	0019
7440-48-4	Cobalt	75	*	11/01/2024	0019
7440-50-8	Copper	25	*	11/01/2024	0019
7439-89-6	Iron	40000	*	11/01/2024	0019
7439-92-1	Lead	11		11/01/2024	0019
7439-95-4	Magnesium	170000	D	11/04/2024	2313
7439-96-5	Manganese	680		11/01/2024	0019
7440-02-0	Nickel	1600	D	11/04/2024	2313
7440-09-7	Potassium	370	J*	11/01/2024	0019
7782-49-2	Selenium	3.0	U	11/01/2024	0019
7440-22-4	Silver	0.87	U	11/01/2024	0019
7440-23-5	Sodium	520		11/01/2024	0019
7440-28-0	Thallium	2.2	U*	11/01/2024	0019
7440-62-2	Vanadium	55		11/01/2024	0019
7440-66-6	Zinc	58	*	11/01/2024	0019

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

Comments:

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MBHCL0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-09

% Solids: 92.3 Date Received: 10/23/2024

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	5000		11/01/2024	0023
7440-36-0	Antimony	4.6	U*	11/01/2024	0023
7440-38-2	Arsenic	0.77	U	11/01/2024	0023
7440-39-3	Barium	13	J*	11/01/2024	0023
7440-41-7	Beryllium	0.48		11/01/2024	0023
7440-43-9	Cadmium	1.0		11/01/2024	0023
7440-70-2	Calcium	32000		11/01/2024	0023
7440-47-3	Chromium	950	*	11/01/2024	0023
7440-48-4	Cobalt	76	*	11/01/2024	0023
7440-50-8	Copper	11	*	11/01/2024	0023
7439-89-6	Iron	38000	*	11/01/2024	0023
7439-92-1	Lead	7.7		11/01/2024	0023
7439-95-4	Magnesium	190000	D	11/04/2024	2317
7439-96-5	Manganese	610		11/01/2024	0023
7440-02-0	Nickel	1700	D	11/04/2024	2317
7440-09-7	Potassium	120	J*	11/01/2024	0023
7782-49-2	Selenium	2.7	U	11/01/2024	0023
7440-22-4	Silver	0.77	U	11/01/2024	0023
7440-23-5	Sodium	390		11/01/2024	0023
7440-28-0	Thallium	1.9	U*	11/01/2024	0023
7440-62-2	Vanadium	36		11/01/2024	0023
7440-66-6	Zinc	35	*	11/01/2024	0023

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

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MBHCL1

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-10

% Solids: 91.6 Date Received: 10/23/2024

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	5300		11/01/2024	0027
7440-36-0	Antimony	4.6	U*	11/01/2024	0027
7440-38-2	Arsenic	0.76	U	11/01/2024	0027
7440-39-3	Barium	14	J*	11/01/2024	0027
7440-41-7	Beryllium	0.49		11/01/2024	0027
7440-43-9	Cadmium	1.0		11/01/2024	0027
7440-70-2	Calcium	39000		11/01/2024	0027
7440-47-3	Chromium	960	*	11/01/2024	0027
7440-48-4	Cobalt	76	*	11/01/2024	0027
7440-50-8	Copper	14	*	11/01/2024	0027
7439-89-6	Iron	37000	*	11/01/2024	0027
7439-92-1	Lead	8.7		11/01/2024	0027
7439-95-4	Magnesium	190000	D	11/04/2024	2322
7439-96-5	Manganese	640		11/01/2024	0027
7440-02-0	Nickel	1700	D	11/04/2024	2322
7440-09-7	Potassium	160	J*	11/01/2024	0027
7782-49-2	Selenium	2.7	U	11/01/2024	0027
7440-22-4	Silver	0.76	U	11/01/2024	0027
7440-23-5	Sodium	400		11/01/2024	0027
7440-28-0	Thallium	1.9	U*	11/01/2024	0027
7440-62-2	Vanadium	42		11/01/2024	0027
7440-66-6	Zinc	43	*	11/01/2024	0027

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

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MBHCL2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-11

% Solids: 88.4 Date Received: 10/23/2024

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	8100		11/01/2024	0032
7440-36-0	Antimony	5.3	U*	11/01/2024	0032
7440-38-2	Arsenic	0.88	U	11/01/2024	0032
7440-39-3	Barium	42	*	11/01/2024	0032
7440-41-7	Beryllium	0.55		11/01/2024	0032
7440-43-9	Cadmium	0.99		11/01/2024	0032
7440-70-2	Calcium	180000	D	11/04/2024	2326
7440-47-3	Chromium	370	*	11/01/2024	0032
7440-48-4	Cobalt	31	*	11/01/2024	0032
7440-50-8	Copper	20	*	11/01/2024	0032
7439-89-6	Iron	26000	*	11/01/2024	0032
7439-92-1	Lead	15		11/01/2024	0032
7439-95-4	Magnesium	57000		11/01/2024	0032
7439-96-5	Manganese	420		11/01/2024	0032
7440-02-0	Nickel	510	D	11/04/2024	2331
7440-09-7	Potassium	710	*	11/01/2024	0032
7782-49-2	Selenium	3.1	U	11/01/2024	0032
7440-22-4	Silver	1.1		11/01/2024	0032
7440-23-5	Sodium	770		11/01/2024	0032
7440-28-0	Thallium	2.2	U*	11/01/2024	0032
7440-62-2	Vanadium	60		11/01/2024	0032
7440-66-6	Zinc	45	*	11/01/2024	0032

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCL8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-13

% Solids: 83.4 Date Received: 10/23/2024

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	9200		11/01/2024	0041
7440-36-0	Antimony	5.9	U*	11/01/2024	0041
7440-38-2	Arsenic	0.98	U	11/01/2024	0041
7440-39-3	Barium	90	*	11/01/2024	0041
7440-41-7	Beryllium	0.63		11/01/2024	0041
7440-43-9	Cadmium	1.0		11/01/2024	0041
7440-70-2	Calcium	70000		11/01/2024	0041
7440-47-3	Chromium	560	*	11/01/2024	0041
7440-48-4	Cobalt	68	*	11/01/2024	0041
7440-50-8	Copper	28	*	11/01/2024	0041
7439-89-6	Iron	35000	*	11/01/2024	0041
7439-92-1	Lead	7.6		11/01/2024	0041
7439-95-4	Magnesium	120000	D	11/04/2024	2339
7439-96-5	Manganese	720		11/01/2024	0041
7440-02-0	Nickel	1200	D	11/04/2024	2339
7440-09-7	Potassium	490	*	11/01/2024	0041
7782-49-2	Selenium	3.4	U	11/01/2024	0041
7440-22-4	Silver	0.98	U	11/01/2024	0041
7440-23-5	Sodium	330	J	11/01/2024	0041
7440-28-0	Thallium	2.5	U*	11/01/2024	0041
7440-62-2	Vanadium	58		11/01/2024	0041
7440-66-6	Zinc	44	*	11/01/2024	0041

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCL9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-14

% Solids: 84.9 Date Received: 10/23/2024

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	8700		11/01/2024	0045
7440-36-0	Antimony	5.1	U*	11/01/2024	0045
7440-38-2	Arsenic	0.84	U	11/01/2024	0045
7440-39-3	Barium	160	*	11/01/2024	0045
7440-41-7	Beryllium	0.61		11/01/2024	0045
7440-43-9	Cadmium	0.89		11/01/2024	0045
7440-70-2	Calcium	79000	D	11/04/2024	2344
7440-47-3	Chromium	350	*	11/01/2024	0045
7440-48-4	Cobalt	49	*	11/01/2024	0045
7440-50-8	Copper	36	*	11/01/2024	0045
7439-89-6	Iron	28000	*	11/01/2024	0045
7439-92-1	Lead	12		11/01/2024	0045
7439-95-4	Magnesium	65000		11/01/2024	0045
7439-96-5	Manganese	560		11/01/2024	0045
7440-02-0	Nickel	710	D	11/04/2024	2344
7440-09-7	Potassium	600	*	11/01/2024	0045
7782-49-2	Selenium	2.9	U	11/01/2024	0045
7440-22-4	Silver	0.84	U	11/01/2024	0045
7440-23-5	Sodium	370	J	11/01/2024	0045
7440-28-0	Thallium	2.1	U*	11/01/2024	0045
7440-62-2	Vanadium	57		11/01/2024	0045
7440-66-6	Zinc	68	*	11/01/2024	0045

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCM0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-15

% Solids: 77.4 Date Received: 10/23/2024

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	12000		11/01/2024	0049
7440-36-0	Antimony	0.40	J*	11/01/2024	0049
7440-38-2	Arsenic	0.87	U	11/01/2024	0049
7440-39-3	Barium	140	*	11/01/2024	0049
7440-41-7	Beryllium	0.79		11/01/2024	0049
7440-43-9	Cadmium	1.1		11/01/2024	0049
7440-70-2	Calcium	120000	D	11/04/2024	2348
7440-47-3	Chromium	180	*	11/01/2024	0049
7440-48-4	Cobalt	24	*	11/01/2024	0049
7440-50-8	Copper	45	*	11/01/2024	0049
7439-89-6	Iron	29000	*	11/01/2024	0049
7439-92-1	Lead	24		11/01/2024	0049
7439-95-4	Magnesium	25000		11/01/2024	0049
7439-96-5	Manganese	420		11/01/2024	0049
7440-02-0	Nickel	240		11/01/2024	0049
7440-09-7	Potassium	880	*	11/01/2024	0049
7782-49-2	Selenium	3.0	U	11/01/2024	0049
7440-22-4	Silver	0.87	U	11/01/2024	0049
7440-23-5	Sodium	500		11/01/2024	0049
7440-28-0	Thallium	2.2	U*	11/01/2024	0049
7440-62-2	Vanadium	90		11/01/2024	0049
7440-66-6	Zinc	87	*	11/01/2024	0049

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCM1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7
 Matrix: SOIL Lab Sample ID: P4499-16
 % Solids: 89.1 Date Received: 10/23/2024
 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	10000		11/01/2024	0054
7440-36-0	Antimony	4.7	U*	11/01/2024	0054
7440-38-2	Arsenic	0.79	U	11/01/2024	0054
7440-39-3	Barium	29	*	11/01/2024	0054
7440-41-7	Beryllium	0.73		11/01/2024	0054
7440-43-9	Cadmium	0.94		11/01/2024	0054
7440-70-2	Calcium	71000	D	11/04/2024	2353
7440-47-3	Chromium	110	*	11/01/2024	0054
7440-48-4	Cobalt	20	*	11/01/2024	0054
7440-50-8	Copper	29	*	11/01/2024	0054
7439-89-6	Iron	29000	*	11/01/2024	0054
7439-92-1	Lead	6.7		11/01/2024	0054
7439-95-4	Magnesium	16000		11/01/2024	0054
7439-96-5	Manganese	430		11/01/2024	0054
7440-02-0	Nickel	140		11/01/2024	0054
7440-09-7	Potassium	600	*	11/01/2024	0054
7782-49-2	Selenium	2.8	U	11/01/2024	0054
7440-22-4	Silver	0.79	U	11/01/2024	0054
7440-23-5	Sodium	320	J	11/01/2024	0054
7440-28-0	Thallium	2.0	U*	11/01/2024	0054
7440-62-2	Vanadium	78		11/01/2024	0054
7440-66-6	Zinc	41	*	11/01/2024	0054

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCM2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-17

% Solids: 80.1 Date Received: 10/23/2024

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	13000		11/01/2024	0058
7440-36-0	Antimony	0.51	J*	11/01/2024	0058
7440-38-2	Arsenic	0.94	U	11/01/2024	0058
7440-39-3	Barium	43	*	11/01/2024	0058
7440-41-7	Beryllium	0.95		11/01/2024	0058
7440-43-9	Cadmium	1.2		11/01/2024	0058
7440-70-2	Calcium	80000	D	11/04/2024	2357
7440-47-3	Chromium	190	*	11/01/2024	0058
7440-48-4	Cobalt	31	*	11/01/2024	0058
7440-50-8	Copper	36	*	11/01/2024	0058
7439-89-6	Iron	39000	*	11/01/2024	0058
7439-92-1	Lead	8.4		11/01/2024	0058
7439-95-4	Magnesium	27000		11/01/2024	0058
7439-96-5	Manganese	550		11/01/2024	0058
7440-02-0	Nickel	230		11/01/2024	0058
7440-09-7	Potassium	820	*	11/01/2024	0058
7782-49-2	Selenium	3.3	U	11/01/2024	0058
7440-22-4	Silver	0.94	U	11/01/2024	0058
7440-23-5	Sodium	410	J	11/01/2024	0058
7440-28-0	Thallium	2.4	U*	11/01/2024	0058
7440-62-2	Vanadium	110		11/01/2024	0058
7440-66-6	Zinc	51	*	11/01/2024	0058

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCM8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-18

% Solids: 82 Date Received: 10/23/2024

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	12000		11/01/2024	0103
7440-36-0	Antimony	5.0	U*	11/01/2024	0103
7440-38-2	Arsenic	0.83	U	11/01/2024	0103
7440-39-3	Barium	55	*	11/01/2024	0103
7440-41-7	Beryllium	0.86		11/01/2024	0103
7440-43-9	Cadmium	1.2		11/01/2024	0103
7440-70-2	Calcium	100000	D	11/05/2024	0002
7440-47-3	Chromium	200	*	11/01/2024	0103
7440-48-4	Cobalt	29	*	11/01/2024	0103
7440-50-8	Copper	34	*	11/01/2024	0103
7439-89-6	Iron	34000	*	11/01/2024	0103
7439-92-1	Lead	9.3		11/01/2024	0103
7439-95-4	Magnesium	27000		11/01/2024	0103
7439-96-5	Manganese	470		11/01/2024	0103
7440-02-0	Nickel	280		11/01/2024	0103
7440-09-7	Potassium	790	*	11/01/2024	0103
7782-49-2	Selenium	2.9	U	11/01/2024	0103
7440-22-4	Silver	0.83	U	11/01/2024	0103
7440-23-5	Sodium	890		11/01/2024	0103
7440-28-0	Thallium	2.1	U*	11/01/2024	0103
7440-62-2	Vanadium	90		11/01/2024	0103
7440-66-6	Zinc	50	*	11/01/2024	0103

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCM9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-19

% Solids: 90.5 Date Received: 10/23/2024

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	6900		11/01/2024	0107
7440-36-0	Antimony	5.0	U*	11/01/2024	0107
7440-38-2	Arsenic	0.84	U	11/01/2024	0107
7440-39-3	Barium	45	*	11/01/2024	0107
7440-41-7	Beryllium	0.43		11/01/2024	0107
7440-43-9	Cadmium	0.86		11/01/2024	0107
7440-70-2	Calcium	220000	D	11/07/2024	2132
7440-47-3	Chromium	270	*	11/01/2024	0107
7440-48-4	Cobalt	22	*	11/01/2024	0107
7440-50-8	Copper	21	*	11/01/2024	0107
7439-89-6	Iron	21000	*	11/01/2024	0107
7439-92-1	Lead	12		11/01/2024	0107
7439-95-4	Magnesium	41000		11/01/2024	0107
7439-96-5	Manganese	360		11/01/2024	0107
7440-02-0	Nickel	400		11/01/2024	0107
7440-09-7	Potassium	450	*	11/01/2024	0107
7782-49-2	Selenium	2.9	U	11/01/2024	0107
7440-22-4	Silver	2.3		11/01/2024	0107
7440-23-5	Sodium	1400		11/01/2024	0107
7440-28-0	Thallium	2.1	U*	11/01/2024	0107
7440-62-2	Vanadium	50		11/01/2024	0107
7440-66-6	Zinc	42	*	11/01/2024	0107

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCN0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-20

% Solids: 85.6 Date Received: 10/23/2024

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	9500		11/01/2024	0112
7440-36-0	Antimony	5.2	U*	11/01/2024	0112
7440-38-2	Arsenic	0.86	U	11/01/2024	0112
7440-39-3	Barium	60	*	11/01/2024	0112
7440-41-7	Beryllium	0.67		11/01/2024	0112
7440-43-9	Cadmium	1.2		11/01/2024	0112
7440-70-2	Calcium	110000	D	11/07/2024	2145
7440-47-3	Chromium	490	*	11/01/2024	0112
7440-48-4	Cobalt	48	*	11/01/2024	0112
7440-50-8	Copper	27	*	11/01/2024	0112
7439-89-6	Iron	34000	*	11/01/2024	0112
7439-92-1	Lead	15		11/01/2024	0112
7439-95-4	Magnesium	40000	D	11/07/2024	2145
7439-96-5	Manganese	540		11/01/2024	0112
7440-02-0	Nickel	460	D	11/07/2024	2145
7440-09-7	Potassium	610	*	11/01/2024	0112
7782-49-2	Selenium	3.0	U	11/01/2024	0112
7440-22-4	Silver	0.86	U	11/01/2024	0112
7440-23-5	Sodium	1200		11/01/2024	0112
7440-28-0	Thallium	2.2	U*	11/01/2024	0112
7440-62-2	Vanadium	69		11/01/2024	0112
7440-66-6	Zinc	52	*	11/01/2024	0112

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCY0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCJ7

Matrix: SOIL Lab Sample ID: P4499-12

% Solids: 72 Date Received: 10/23/2024

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	14000		11/01/2024	0036
7440-36-0	Antimony	6.2	U*	11/01/2024	0036
7440-38-2	Arsenic	1.0	U	11/01/2024	0036
7440-39-3	Barium	65	*	11/01/2024	0036
7440-41-7	Beryllium	0.91		11/01/2024	0036
7440-43-9	Cadmium	1.1		11/01/2024	0036
7440-70-2	Calcium	120000	D	11/04/2024	2335
7440-47-3	Chromium	200	*	11/01/2024	0036
7440-48-4	Cobalt	31	*	11/01/2024	0036
7440-50-8	Copper	38	*	11/01/2024	0036
7439-89-6	Iron	33000	*	11/01/2024	0036
7439-92-1	Lead	8.6		11/01/2024	0036
7439-95-4	Magnesium	24000		11/01/2024	0036
7439-96-5	Manganese	480		11/01/2024	0036
7440-02-0	Nickel	260		11/01/2024	0036
7440-09-7	Potassium	1100	*	11/01/2024	0036
7782-49-2	Selenium	3.6	U	11/01/2024	0036
7440-22-4	Silver	1.0	U	11/01/2024	0036
7440-23-5	Sodium	720		11/01/2024	0036
7440-28-0	Thallium	2.6	U*	11/01/2024	0036
7440-62-2	Vanadium	110		11/01/2024	0036
7440-66-6	Zinc	55	*	11/01/2024	0036

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

Comments: