

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCY5

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-01

% Solids: 81.2 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	1939
7440-36-0	Antimony	0.74	J*	10/31/2024	1939
7440-38-2	Arsenic	1.4	*	10/31/2024	1939
7440-39-3	Barium	58	*	10/31/2024	1939
7440-41-7	Beryllium	0.74		10/31/2024	1939
7440-43-9	Cadmium	1.3		10/31/2024	1939
7440-70-2	Calcium	190000	D*	11/04/2024	1933
7440-47-3	Chromium	230	*	10/31/2024	1939
7440-48-4	Cobalt	28		10/31/2024	1939
7440-50-8	Copper	29		10/31/2024	1939
7439-89-6	Iron	30000		10/31/2024	1939
7439-92-1	Lead	7.3	*	10/31/2024	1939
7439-95-4	Magnesium	27000	*	10/31/2024	1939
7439-96-5	Manganese	460	*	10/31/2024	1939
7440-02-0	Nickel	320	*	10/31/2024	1939
7440-09-7	Potassium	860		10/31/2024	1939
7782-49-2	Selenium	3.6	U*	10/31/2024	1939
7440-22-4	Silver	1.0	*	10/31/2024	1939
7440-23-5	Sodium	600	*	10/31/2024	1939
7440-28-0	Thallium	2.6	U*	10/31/2024	1939
7440-62-2	Vanadium	82	*	10/31/2024	1939
7440-66-6	Zinc	42	*	10/31/2024	1939

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHCZ5

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-02

% Solids: 87.1 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	1944
7440-36-0	Antimony	0.69	J*	10/31/2024	1944
7440-38-2	Arsenic	0.90	U*	10/31/2024	1944
7440-39-3	Barium	98	*	10/31/2024	1944
7440-41-7	Beryllium	0.80		10/31/2024	1944
7440-43-9	Cadmium	1.4		10/31/2024	1944
7440-70-2	Calcium	120000	D*	11/04/2024	1937
7440-47-3	Chromium	180	*	10/31/2024	1944
7440-48-4	Cobalt	28		10/31/2024	1944
7440-50-8	Copper	35		10/31/2024	1944
7439-89-6	Iron	35000		10/31/2024	1944
7439-92-1	Lead	14	*	10/31/2024	1944
7439-95-4	Magnesium	24000	*	10/31/2024	1944
7439-96-5	Manganese	560	*	10/31/2024	1944
7440-02-0	Nickel	250	*	10/31/2024	1944
7440-09-7	Potassium	1200		10/31/2024	1944
7782-49-2	Selenium	3.2	U*	10/31/2024	1944
7440-22-4	Silver	0.90	U*	10/31/2024	1944
7440-23-5	Sodium	1300	*	10/31/2024	1944
7440-28-0	Thallium	2.3	U*	10/31/2024	1944
7440-62-2	Vanadium	97	*	10/31/2024	1944
7440-66-6	Zinc	59	*	10/31/2024	1944

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDA3

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-03

% Solids: 88.6 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	10000		10/31/2024	1948
7440-36-0	Antimony	0.64	J*	10/31/2024	1948
7440-38-2	Arsenic	1.0	U*	10/31/2024	1948
7440-39-3	Barium	58	*	10/31/2024	1948
7440-41-7	Beryllium	0.68		10/31/2024	1948
7440-43-9	Cadmium	1.3		10/31/2024	1948
7440-70-2	Calcium	98000	D*	11/04/2024	1942
7440-47-3	Chromium	510	*	10/31/2024	1948
7440-48-4	Cobalt	50		10/31/2024	1948
7440-50-8	Copper	36		10/31/2024	1948
7439-89-6	Iron	37000		10/31/2024	1948
7439-92-1	Lead	23	*	10/31/2024	1948
7439-95-4	Magnesium	85000	D*	11/04/2024	1942
7439-96-5	Manganese	600	*	10/31/2024	1948
7440-02-0	Nickel	870	D*	11/04/2024	1942
7440-09-7	Potassium	1300		10/31/2024	1948
7782-49-2	Selenium	3.5	U*	10/31/2024	1948
7440-22-4	Silver	1.0	U*	10/31/2024	1948
7440-23-5	Sodium	730	*	10/31/2024	1948
7440-28-0	Thallium	2.5	U*	10/31/2024	1948
7440-62-2	Vanadium	75	*	10/31/2024	1948
7440-66-6	Zinc	94	*	10/31/2024	1948

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDA4

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-04

% Solids: 83.2 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	11000		10/31/2024	1953
7440-36-0	Antimony	5.6	U*	10/31/2024	1953
7440-38-2	Arsenic	0.93	U*	10/31/2024	1953
7440-39-3	Barium	51	*	10/31/2024	1953
7440-41-7	Beryllium	0.75		10/31/2024	1953
7440-43-9	Cadmium	1.4		10/31/2024	1953
7440-70-2	Calcium	120000	D*	11/04/2024	1946
7440-47-3	Chromium	500	*	10/31/2024	1953
7440-48-4	Cobalt	39		10/31/2024	1953
7440-50-8	Copper	33		10/31/2024	1953
7439-89-6	Iron	38000		10/31/2024	1953
7439-92-1	Lead	15	*	10/31/2024	1953
7439-95-4	Magnesium	56000	*	10/31/2024	1953
7439-96-5	Manganese	500	*	10/31/2024	1953
7440-02-0	Nickel	640	D*	11/04/2024	1946
7440-09-7	Potassium	1300		10/31/2024	1953
7782-49-2	Selenium	3.3	U*	10/31/2024	1953
7440-22-4	Silver	0.93	U*	10/31/2024	1953
7440-23-5	Sodium	990	*	10/31/2024	1953
7440-28-0	Thallium	2.3	U*	10/31/2024	1953
7440-62-2	Vanadium	90	*	10/31/2024	1953
7440-66-6	Zinc	76	*	10/31/2024	1953

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDA5

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-05

% 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	12000		10/31/2024	1957
7440-36-0	Antimony	5.2	U*	10/31/2024	1957
7440-38-2	Arsenic	0.87	U*	10/31/2024	1957
7440-39-3	Barium	62	*	10/31/2024	1957
7440-41-7	Beryllium	0.74		10/31/2024	1957
7440-43-9	Cadmium	1.3		10/31/2024	1957
7440-70-2	Calcium	120000	D*	11/04/2024	1950
7440-47-3	Chromium	290	*	10/31/2024	1957
7440-48-4	Cobalt	35		10/31/2024	1957
7440-50-8	Copper	33		10/31/2024	1957
7439-89-6	Iron	34000		10/31/2024	1957
7439-92-1	Lead	11	*	10/31/2024	1957
7439-95-4	Magnesium	45000	*	10/31/2024	1957
7439-96-5	Manganese	680	*	10/31/2024	1957
7440-02-0	Nickel	500	D*	11/04/2024	1950
7440-09-7	Potassium	980		10/31/2024	1957
7782-49-2	Selenium	3.0	U*	10/31/2024	1957
7440-22-4	Silver	0.87	U*	10/31/2024	1957
7440-23-5	Sodium	1100	*	10/31/2024	1957
7440-28-0	Thallium	2.2	U*	10/31/2024	1957
7440-62-2	Vanadium	84	*	10/31/2024	1957
7440-66-6	Zinc	61	*	10/31/2024	1957

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDA6

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-06

% Solids: 84 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	9000		10/31/2024	2001
7440-36-0	Antimony	6.4	U*	10/31/2024	2001
7440-38-2	Arsenic	1.1	U*	10/31/2024	2001
7440-39-3	Barium	43	*	10/31/2024	2001
7440-41-7	Beryllium	0.55		10/31/2024	2001
7440-43-9	Cadmium	1.2		10/31/2024	2001
7440-70-2	Calcium	170000	D*	11/04/2024	1955
7440-47-3	Chromium	340	*	10/31/2024	2001
7440-48-4	Cobalt	31		10/31/2024	2001
7440-50-8	Copper	26		10/31/2024	2001
7439-89-6	Iron	28000		10/31/2024	2001
7439-92-1	Lead	10	*	10/31/2024	2001
7439-95-4	Magnesium	51000	*	10/31/2024	2001
7439-96-5	Manganese	430	*	10/31/2024	2001
7440-02-0	Nickel	490	*	10/31/2024	2001
7440-09-7	Potassium	780		10/31/2024	2001
7782-49-2	Selenium	3.8	U*	10/31/2024	2001
7440-22-4	Silver	1.3	*	10/31/2024	2001
7440-23-5	Sodium	880	*	10/31/2024	2001
7440-28-0	Thallium	2.7	U*	10/31/2024	2001
7440-62-2	Vanadium	65	*	10/31/2024	2001
7440-66-6	Zinc	52	*	10/31/2024	2001

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDA7

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-07

% Solids: 81.5 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	15000		10/31/2024	2006
7440-36-0	Antimony	6.4	U*	10/31/2024	2006
7440-38-2	Arsenic	1.1	U*	10/31/2024	2006
7440-39-3	Barium	40	*	10/31/2024	2006
7440-41-7	Beryllium	0.89		10/31/2024	2006
7440-43-9	Cadmium	1.3		10/31/2024	2006
7440-70-2	Calcium	84000	*	10/31/2024	2006
7440-47-3	Chromium	240	*	10/31/2024	2006
7440-48-4	Cobalt	27		10/31/2024	2006
7440-50-8	Copper	36		10/31/2024	2006
7439-89-6	Iron	37000		10/31/2024	2006
7439-92-1	Lead	12	*	10/31/2024	2006
7439-95-4	Magnesium	23000	*	10/31/2024	2006
7439-96-5	Manganese	580	*	10/31/2024	2006
7440-02-0	Nickel	250	*	10/31/2024	2006
7440-09-7	Potassium	1400		10/31/2024	2006
7782-49-2	Selenium	3.7	U*	10/31/2024	2006
7440-22-4	Silver	1.1	U*	10/31/2024	2006
7440-23-5	Sodium	900	*	10/31/2024	2006
7440-28-0	Thallium	2.7	U*	10/31/2024	2006
7440-62-2	Vanadium	100	*	10/31/2024	2006
7440-66-6	Zinc	76	*	10/31/2024	2006

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDB3

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-08

% Solids: 88.3 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	12000		10/31/2024	2010
7440-36-0	Antimony	0.60	J*	10/31/2024	2010
7440-38-2	Arsenic	0.94	U*	10/31/2024	2010
7440-39-3	Barium	160	*	10/31/2024	2010
7440-41-7	Beryllium	0.84		10/31/2024	2010
7440-43-9	Cadmium	1.8		10/31/2024	2010
7440-70-2	Calcium	100000	D*	11/04/2024	1959
7440-47-3	Chromium	310	*	10/31/2024	2010
7440-48-4	Cobalt	32		10/31/2024	2010
7440-50-8	Copper	110		10/31/2024	2010
7439-89-6	Iron	39000		10/31/2024	2010
7439-92-1	Lead	25	*	10/31/2024	2010
7439-95-4	Magnesium	40000	*	10/31/2024	2010
7439-96-5	Manganese	530	*	10/31/2024	2010
7440-02-0	Nickel	410	*	10/31/2024	2010
7440-09-7	Potassium	1800		10/31/2024	2010
7782-49-2	Selenium	3.3	U*	10/31/2024	2010
7440-22-4	Silver	0.94	U*	10/31/2024	2010
7440-23-5	Sodium	480	*	10/31/2024	2010
7440-28-0	Thallium	2.3	U*	10/31/2024	2010
7440-62-2	Vanadium	84	*	10/31/2024	2010
7440-66-6	Zinc	170	*	10/31/2024	2010

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDB4

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-09

% Solids: 82.8 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	11000		10/31/2024	2015
7440-36-0	Antimony	5.6	U*	10/31/2024	2015
7440-38-2	Arsenic	0.94	U*	10/31/2024	2015
7440-39-3	Barium	140	*	10/31/2024	2015
7440-41-7	Beryllium	0.79		10/31/2024	2015
7440-43-9	Cadmium	1.6		10/31/2024	2015
7440-70-2	Calcium	110000	D*	11/04/2024	2004
7440-47-3	Chromium	300	*	10/31/2024	2015
7440-48-4	Cobalt	31		10/31/2024	2015
7440-50-8	Copper	46		10/31/2024	2015
7439-89-6	Iron	32000		10/31/2024	2015
7439-92-1	Lead	35	*	10/31/2024	2015
7439-95-4	Magnesium	41000	*	10/31/2024	2015
7439-96-5	Manganese	540	*	10/31/2024	2015
7440-02-0	Nickel	430	*	10/31/2024	2015
7440-09-7	Potassium	1500		10/31/2024	2015
7782-49-2	Selenium	3.3	U*	10/31/2024	2015
7440-22-4	Silver	0.94	U*	10/31/2024	2015
7440-23-5	Sodium	520	*	10/31/2024	2015
7440-28-0	Thallium	2.3	U*	10/31/2024	2015
7440-62-2	Vanadium	74	*	10/31/2024	2015
7440-66-6	Zinc	160	*	10/31/2024	2015

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDB5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5
 Matrix: SOIL Lab Sample ID: P4497-10
 % Solids: 86.4 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	11000		10/31/2024	2019
7440-36-0	Antimony	0.65	J*	10/31/2024	2019
7440-38-2	Arsenic	0.93	U*	10/31/2024	2019
7440-39-3	Barium	140	*	10/31/2024	2019
7440-41-7	Beryllium	0.75		10/31/2024	2019
7440-43-9	Cadmium	1.9		10/31/2024	2019
7440-70-2	Calcium	100000	D*	11/04/2024	2008
7440-47-3	Chromium	240	*	10/31/2024	2019
7440-48-4	Cobalt	29		10/31/2024	2019
7440-50-8	Copper	43		10/31/2024	2019
7439-89-6	Iron	33000		10/31/2024	2019
7439-92-1	Lead	23	*	10/31/2024	2019
7439-95-4	Magnesium	34000	*	10/31/2024	2019
7439-96-5	Manganese	510	*	10/31/2024	2019
7440-02-0	Nickel	340	*	10/31/2024	2019
7440-09-7	Potassium	1600		10/31/2024	2019
7782-49-2	Selenium	3.3	U*	10/31/2024	2019
7440-22-4	Silver	0.93	U*	10/31/2024	2019
7440-23-5	Sodium	480	*	10/31/2024	2019
7440-28-0	Thallium	2.3	U*	10/31/2024	2019
7440-62-2	Vanadium	71	*	10/31/2024	2019
7440-66-6	Zinc	120	*	10/31/2024	2019

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDB6

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-11

% Solids: 84.7 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	11000		10/31/2024	2024
7440-36-0	Antimony	0.44	J*	10/31/2024	2024
7440-38-2	Arsenic	0.82	U*	10/31/2024	2024
7440-39-3	Barium	100	*	10/31/2024	2024
7440-41-7	Beryllium	0.77		10/31/2024	2024
7440-43-9	Cadmium	1.5		10/31/2024	2024
7440-70-2	Calcium	150000	D*	11/07/2024	2123
7440-47-3	Chromium	190	*	10/31/2024	2024
7440-48-4	Cobalt	25		10/31/2024	2024
7440-50-8	Copper	37		10/31/2024	2024
7439-89-6	Iron	31000		10/31/2024	2024
7439-92-1	Lead	16	*	10/31/2024	2024
7439-95-4	Magnesium	25000	*	10/31/2024	2024
7439-96-5	Manganese	470	*	10/31/2024	2024
7440-02-0	Nickel	270	*	10/31/2024	2024
7440-09-7	Potassium	870		10/31/2024	2024
7782-49-2	Selenium	2.9	U*	10/31/2024	2024
7440-22-4	Silver	0.82	U*	10/31/2024	2024
7440-23-5	Sodium	380	J*	10/31/2024	2024
7440-28-0	Thallium	2.1	U*	10/31/2024	2024
7440-62-2	Vanadium	74	*	10/31/2024	2024
7440-66-6	Zinc	130	*	10/31/2024	2024

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDB7

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-12

% Solids: 83.7 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	11000		10/31/2024	2028
7440-36-0	Antimony	5.4	U*	10/31/2024	2028
7440-38-2	Arsenic	0.90	U*	10/31/2024	2028
7440-39-3	Barium	120	*	10/31/2024	2028
7440-41-7	Beryllium	0.68		10/31/2024	2028
7440-43-9	Cadmium	1.6		10/31/2024	2028
7440-70-2	Calcium	110000	D*	11/04/2024	2017
7440-47-3	Chromium	250	*	10/31/2024	2028
7440-48-4	Cobalt	27		10/31/2024	2028
7440-50-8	Copper	47		10/31/2024	2028
7439-89-6	Iron	30000		10/31/2024	2028
7439-92-1	Lead	22	*	10/31/2024	2028
7439-95-4	Magnesium	37000	*	10/31/2024	2028
7439-96-5	Manganese	490	*	10/31/2024	2028
7440-02-0	Nickel	380	*	10/31/2024	2028
7440-09-7	Potassium	1200		10/31/2024	2028
7782-49-2	Selenium	3.1	U*	10/31/2024	2028
7440-22-4	Silver	0.90	U*	10/31/2024	2028
7440-23-5	Sodium	420	J*	10/31/2024	2028
7440-28-0	Thallium	2.3	U*	10/31/2024	2028
7440-62-2	Vanadium	62	*	10/31/2024	2028
7440-66-6	Zinc	170	*	10/31/2024	2028

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDB8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-13

% Solids: 90 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	7800		10/31/2024	2033
7440-36-0	Antimony	5.5	U*	10/31/2024	2033
7440-38-2	Arsenic	0.92	U*	10/31/2024	2033
7440-39-3	Barium	43	*	10/31/2024	2033
7440-41-7	Beryllium	0.56		10/31/2024	2033
7440-43-9	Cadmium	1.3		10/31/2024	2033
7440-70-2	Calcium	98000	D*	11/04/2024	2021
7440-47-3	Chromium	540	*	10/31/2024	2033
7440-48-4	Cobalt	52		10/31/2024	2033
7440-50-8	Copper	34		10/31/2024	2033
7439-89-6	Iron	32000		10/31/2024	2033
7439-92-1	Lead	20	*	10/31/2024	2033
7439-95-4	Magnesium	86000	D*	11/04/2024	2021
7439-96-5	Manganese	550	*	10/31/2024	2033
7440-02-0	Nickel	950	D*	11/07/2024	2127
7440-09-7	Potassium	970		10/31/2024	2033
7782-49-2	Selenium	3.2	U*	10/31/2024	2033
7440-22-4	Silver	0.92	U*	10/31/2024	2033
7440-23-5	Sodium	880	*	10/31/2024	2033
7440-28-0	Thallium	2.3	U*	10/31/2024	2033
7440-62-2	Vanadium	58	*	10/31/2024	2033
7440-66-6	Zinc	130	*	10/31/2024	2033

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDB9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5
 Matrix: SOIL Lab Sample ID: P4497-14
 % Solids: 87.9 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	9500		10/31/2024	2037
7440-36-0	Antimony	6.2	U*	10/31/2024	2037
7440-38-2	Arsenic	1.0	U*	10/31/2024	2037
7440-39-3	Barium	47	*	10/31/2024	2037
7440-41-7	Beryllium	0.71		10/31/2024	2037
7440-43-9	Cadmium	1.4		10/31/2024	2037
7440-70-2	Calcium	110000	D*	11/04/2024	2025
7440-47-3	Chromium	490	*	10/31/2024	2037
7440-48-4	Cobalt	45		10/31/2024	2037
7440-50-8	Copper	30		10/31/2024	2037
7439-89-6	Iron	39000		10/31/2024	2037
7439-92-1	Lead	26	*	10/31/2024	2037
7439-95-4	Magnesium	70000	*	10/31/2024	2037
7439-96-5	Manganese	540	*	10/31/2024	2037
7440-02-0	Nickel	810	D*	11/04/2024	2025
7440-09-7	Potassium	1100		10/31/2024	2037
7782-49-2	Selenium	3.6	U*	10/31/2024	2037
7440-22-4	Silver	1.0	U*	10/31/2024	2037
7440-23-5	Sodium	1100	*	10/31/2024	2037
7440-28-0	Thallium	2.6	U*	10/31/2024	2037
7440-62-2	Vanadium	73	*	10/31/2024	2037
7440-66-6	Zinc	170	*	10/31/2024	2037

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDC0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5
 Matrix: SOIL Lab Sample ID: P4497-15
 % Solids: 85.1 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		10/31/2024	2042
7440-36-0	Antimony	0.58	J*	10/31/2024	2042
7440-38-2	Arsenic	0.96	U*	10/31/2024	2042
7440-39-3	Barium	39	*	10/31/2024	2042
7440-41-7	Beryllium	0.74		10/31/2024	2042
7440-43-9	Cadmium	1.3		10/31/2024	2042
7440-70-2	Calcium	140000	D*	11/04/2024	2030
7440-47-3	Chromium	350	*	10/31/2024	2042
7440-48-4	Cobalt	34		10/31/2024	2042
7440-50-8	Copper	28		10/31/2024	2042
7439-89-6	Iron	34000		10/31/2024	2042
7439-92-1	Lead	18	*	10/31/2024	2042
7439-95-4	Magnesium	43000	*	10/31/2024	2042
7439-96-5	Manganese	470	*	10/31/2024	2042
7440-02-0	Nickel	520	D*	11/04/2024	2030
7440-09-7	Potassium	1100		10/31/2024	2042
7782-49-2	Selenium	3.4	U*	10/31/2024	2042
7440-22-4	Silver	0.96	U*	10/31/2024	2042
7440-23-5	Sodium	1300	*	10/31/2024	2042
7440-28-0	Thallium	2.4	U*	10/31/2024	2042
7440-62-2	Vanadium	77	*	10/31/2024	2042
7440-66-6	Zinc	88	*	10/31/2024	2042

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDC1

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-16

% 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		10/31/2024	2046
7440-36-0	Antimony	6.2	U*	10/31/2024	2046
7440-38-2	Arsenic	1.0	U*	10/31/2024	2046
7440-39-3	Barium	36	*	10/31/2024	2046
7440-41-7	Beryllium	0.79		10/31/2024	2046
7440-43-9	Cadmium	1.6		10/31/2024	2046
7440-70-2	Calcium	160000	D*	11/04/2024	2034
7440-47-3	Chromium	260	*	10/31/2024	2046
7440-48-4	Cobalt	30		10/31/2024	2046
7440-50-8	Copper	29		10/31/2024	2046
7439-89-6	Iron	38000		10/31/2024	2046
7439-92-1	Lead	17	*	10/31/2024	2046
7439-95-4	Magnesium	35000	*	10/31/2024	2046
7439-96-5	Manganese	560	*	10/31/2024	2046
7440-02-0	Nickel	380	*	10/31/2024	2046
7440-09-7	Potassium	1200		10/31/2024	2046
7782-49-2	Selenium	3.6	U*	10/31/2024	2046
7440-22-4	Silver	1.0	U*	10/31/2024	2046
7440-23-5	Sodium	1300	*	10/31/2024	2046
7440-28-0	Thallium	2.6	U*	10/31/2024	2046
7440-62-2	Vanadium	77	*	10/31/2024	2046
7440-66-6	Zinc	80	*	10/31/2024	2046

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDC2

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-17

% 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	8300		10/31/2024	2059
7440-36-0	Antimony	5.2	U*	10/31/2024	2059
7440-38-2	Arsenic	0.87	U*	10/31/2024	2059
7440-39-3	Barium	110	*	10/31/2024	2059
7440-41-7	Beryllium	0.62		10/31/2024	2059
7440-43-9	Cadmium	1.5		10/31/2024	2059
7440-70-2	Calcium	150000	D*	11/04/2024	2039
7440-47-3	Chromium	460	*	10/31/2024	2059
7440-48-4	Cobalt	36		10/31/2024	2059
7440-50-8	Copper	25		10/31/2024	2059
7439-89-6	Iron	30000		10/31/2024	2059
7439-92-1	Lead	29	*	10/31/2024	2059
7439-95-4	Magnesium	54000	*	10/31/2024	2059
7439-96-5	Manganese	480	*	10/31/2024	2059
7440-02-0	Nickel	630	D*	11/04/2024	2043
7440-09-7	Potassium	790		10/31/2024	2059
7782-49-2	Selenium	3.0	U*	10/31/2024	2059
7440-22-4	Silver	0.49	J*	10/31/2024	2059
7440-23-5	Sodium	1000	*	10/31/2024	2059
7440-28-0	Thallium	2.2	U*	10/31/2024	2059
7440-62-2	Vanadium	63	*	10/31/2024	2059
7440-66-6	Zinc	230	*	10/31/2024	2059

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDC8

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-18

% Solids: 92.4 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	8300		10/31/2024	2104
7440-36-0	Antimony	0.38	J*	10/31/2024	2104
7440-38-2	Arsenic	0.75	U*	10/31/2024	2104
7440-39-3	Barium	36	*	10/31/2024	2104
7440-41-7	Beryllium	0.65		10/31/2024	2104
7440-43-9	Cadmium	1.1		10/31/2024	2104
7440-70-2	Calcium	52000	*	10/31/2024	2104
7440-47-3	Chromium	580	*	10/31/2024	2104
7440-48-4	Cobalt	45		10/31/2024	2104
7440-50-8	Copper	23		10/31/2024	2104
7439-89-6	Iron	34000		10/31/2024	2104
7439-92-1	Lead	17	*	10/31/2024	2104
7439-95-4	Magnesium	70000	D*	11/04/2024	2047
7439-96-5	Manganese	400	*	10/31/2024	2104
7440-02-0	Nickel	840	D*	11/04/2024	2100
7440-09-7	Potassium	990		10/31/2024	2104
7782-49-2	Selenium	2.6	U*	10/31/2024	2104
7440-22-4	Silver	0.75	U*	10/31/2024	2104
7440-23-5	Sodium	360	J*	10/31/2024	2104
7440-28-0	Thallium	1.9	U*	10/31/2024	2104
7440-62-2	Vanadium	72	*	10/31/2024	2104
7440-66-6	Zinc	49	*	10/31/2024	2104

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDC9

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-19

% Solids: 90.9 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	8800		10/31/2024	2108
7440-36-0	Antimony	5.0	U*	10/31/2024	2108
7440-38-2	Arsenic	0.83	U*	10/31/2024	2108
7440-39-3	Barium	38	*	10/31/2024	2108
7440-41-7	Beryllium	0.66		10/31/2024	2108
7440-43-9	Cadmium	1.1		10/31/2024	2108
7440-70-2	Calcium	64000	*	10/31/2024	2108
7440-47-3	Chromium	610	*	10/31/2024	2108
7440-48-4	Cobalt	36		10/31/2024	2108
7440-50-8	Copper	22		10/31/2024	2108
7439-89-6	Iron	34000		10/31/2024	2108
7439-92-1	Lead	17	*	10/31/2024	2108
7439-95-4	Magnesium	65000	*	10/31/2024	2108
7439-96-5	Manganese	360	*	10/31/2024	2108
7440-02-0	Nickel	760	D*	11/04/2024	2105
7440-09-7	Potassium	810		10/31/2024	2108
7782-49-2	Selenium	2.9	U*	10/31/2024	2108
7440-22-4	Silver	0.83	U*	10/31/2024	2108
7440-23-5	Sodium	370	J*	10/31/2024	2108
7440-28-0	Thallium	2.1	U*	10/31/2024	2108
7440-62-2	Vanadium	79	*	10/31/2024	2108
7440-66-6	Zinc	51	*	10/31/2024	2108

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHDD0

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

Lab Code: ACE Case No.: 51698 MA No. : SDG No.: MBHCY5

Matrix: SOIL Lab Sample ID: P4497-20

% 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	2112
7440-36-0	Antimony	6.1	U*	10/31/2024	2112
7440-38-2	Arsenic	1.0	U*	10/31/2024	2112
7440-39-3	Barium	81	*	10/31/2024	2112
7440-41-7	Beryllium	0.70		10/31/2024	2112
7440-43-9	Cadmium	1.2		10/31/2024	2112
7440-70-2	Calcium	140000	D*	11/04/2024	2109
7440-47-3	Chromium	240	*	10/31/2024	2112
7440-48-4	Cobalt	26		10/31/2024	2112
7440-50-8	Copper	30		10/31/2024	2112
7439-89-6	Iron	30000		10/31/2024	2112
7439-92-1	Lead	18	*	10/31/2024	2112
7439-95-4	Magnesium	29000	*	10/31/2024	2112
7439-96-5	Manganese	520	*	10/31/2024	2112
7440-02-0	Nickel	280	*	10/31/2024	2112
7440-09-7	Potassium	980		10/31/2024	2112
7782-49-2	Selenium	3.6	U*	10/31/2024	2112
7440-22-4	Silver	0.12	J*	10/31/2024	2112
7440-23-5	Sodium	930	*	10/31/2024	2112
7440-28-0	Thallium	2.6	U*	10/31/2024	2112
7440-62-2	Vanadium	83	*	10/31/2024	2112
7440-66-6	Zinc	70	*	10/31/2024	2112

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

Comments: