

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJJ0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-01

% Solids: 89.2 Date Received: 11/26/2024

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	1200	*	12/15/2024	0523
7440-36-0	Antimony	5.7	U*	12/15/2024	0523
7440-38-2	Arsenic	2.0		12/15/2024	0523
7440-39-3	Barium	16	J*	12/15/2024	0523
7440-41-7	Beryllium	0.17	J	12/15/2024	0523
7440-43-9	Cadmium	0.64		12/15/2024	0523
7440-70-2	Calcium	150000	D*	12/21/2024	0925
7440-47-3	Chromium	4.1	*	12/15/2024	0523
7440-48-4	Cobalt	7.1	*	12/15/2024	0523
7440-50-8	Copper	5.1	*	12/15/2024	0523
7439-89-6	Iron	7200	*	12/15/2024	0523
7439-92-1	Lead	40		12/15/2024	0523
7439-95-4	Magnesium	81000	D*	12/21/2024	0925
7439-96-5	Manganese	790	*	12/15/2024	0523
7440-02-0	Nickel	6.8		12/15/2024	0523
7440-09-7	Potassium	530		12/15/2024	0523
7782-49-2	Selenium	3.3	U*	12/15/2024	0523
7440-22-4	Silver	0.94	U*	12/15/2024	0523
7440-23-5	Sodium	190	J	12/15/2024	0523
7440-28-0	Thallium	3.8	*	12/15/2024	0523
7440-62-2	Vanadium	3.1	J	12/15/2024	0523
7440-66-6	Zinc	120	*	12/15/2024	0523

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJJ1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-02

% Solids: 93.3 Date Received: 11/26/2024

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	1000	*	12/15/2024	0527
7440-36-0	Antimony	5.5	U*	12/15/2024	0527
7440-38-2	Arsenic	2.0		12/15/2024	0527
7440-39-3	Barium	13	J*	12/15/2024	0527
7440-41-7	Beryllium	0.15	J	12/15/2024	0527
7440-43-9	Cadmium	0.99		12/15/2024	0527
7440-70-2	Calcium	170000	D*	12/23/2024	1828
7440-47-3	Chromium	3.6	*	12/15/2024	0527
7440-48-4	Cobalt	7.0	*	12/15/2024	0527
7440-50-8	Copper	3.9	*	12/15/2024	0527
7439-89-6	Iron	7300	*	12/15/2024	0527
7439-92-1	Lead	43		12/15/2024	0527
7439-95-4	Magnesium	94000	D*	12/21/2024	0929
7439-96-5	Manganese	900	*	12/15/2024	0527
7440-02-0	Nickel	5.9		12/15/2024	0527
7440-09-7	Potassium	480		12/15/2024	0527
7782-49-2	Selenium	3.2	U*	12/15/2024	0527
7440-22-4	Silver	0.91	U*	12/15/2024	0527
7440-23-5	Sodium	170	J	12/15/2024	0527
7440-28-0	Thallium	3.5	*	12/15/2024	0527
7440-62-2	Vanadium	3.4	J	12/15/2024	0527
7440-66-6	Zinc	170	*	12/15/2024	0527

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJJ3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-03

% Solids: 95 Date Received: 11/26/2024

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	760	*	12/15/2024	0531
7440-36-0	Antimony	5.0	U*	12/15/2024	0531
7440-38-2	Arsenic	2.8		12/15/2024	0531
7440-39-3	Barium	23	*	12/15/2024	0531
7440-41-7	Beryllium	0.12	J	12/15/2024	0531
7440-43-9	Cadmium	0.53		12/15/2024	0531
7440-70-2	Calcium	170000	D*	12/23/2024	1832
7440-47-3	Chromium	2.7	*	12/15/2024	0531
7440-48-4	Cobalt	6.9	*	12/15/2024	0531
7440-50-8	Copper	3.4	*	12/15/2024	0531
7439-89-6	Iron	7100	*	12/15/2024	0531
7439-92-1	Lead	32		12/15/2024	0531
7439-95-4	Magnesium	95000	D*	12/21/2024	0933
7439-96-5	Manganese	910	*	12/15/2024	0531
7440-02-0	Nickel	5.3		12/15/2024	0531
7440-09-7	Potassium	410	J	12/15/2024	0531
7782-49-2	Selenium	2.9	U*	12/15/2024	0531
7440-22-4	Silver	0.84	U*	12/15/2024	0531
7440-23-5	Sodium	150	J	12/15/2024	0531
7440-28-0	Thallium	4.4	*	12/15/2024	0531
7440-62-2	Vanadium	2.8	J	12/15/2024	0531
7440-66-6	Zinc	85	*	12/15/2024	0531

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJJ4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-04

% Solids: 95.8 Date Received: 11/26/2024

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	670	*	12/15/2024	0535
7440-36-0	Antimony	5.3	U*	12/15/2024	0535
7440-38-2	Arsenic	3.0		12/15/2024	0535
7440-39-3	Barium	7.8	J*	12/15/2024	0535
7440-41-7	Beryllium	0.11	J	12/15/2024	0535
7440-43-9	Cadmium	0.97		12/15/2024	0535
7440-70-2	Calcium	180000	D*	12/23/2024	1836
7440-47-3	Chromium	2.8	*	12/15/2024	0535
7440-48-4	Cobalt	6.9	*	12/15/2024	0535
7440-50-8	Copper	1.9	J*	12/15/2024	0535
7439-89-6	Iron	7500	*	12/15/2024	0535
7439-92-1	Lead	150		12/15/2024	0535
7439-95-4	Magnesium	97000	D*	12/21/2024	0937
7439-96-5	Manganese	970	*	12/15/2024	0535
7440-02-0	Nickel	4.9		12/15/2024	0535
7440-09-7	Potassium	400	J	12/15/2024	0535
7782-49-2	Selenium	3.1	U*	12/15/2024	0535
7440-22-4	Silver	0.88	U*	12/15/2024	0535
7440-23-5	Sodium	190	J	12/15/2024	0535
7440-28-0	Thallium	3.8	*	12/15/2024	0535
7440-62-2	Vanadium	2.7	J	12/15/2024	0535
7440-66-6	Zinc	150	*	12/15/2024	0535

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJJ5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-05

% Solids: 96.4 Date Received: 11/26/2024

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	710	*	12/15/2024	0539
7440-36-0	Antimony	5.3	U*	12/15/2024	0539
7440-38-2	Arsenic	1.9		12/15/2024	0539
7440-39-3	Barium	7.9	J*	12/15/2024	0539
7440-41-7	Beryllium	0.10	J	12/15/2024	0539
7440-43-9	Cadmium	8.2		12/15/2024	0539
7440-70-2	Calcium	190000	D*	12/23/2024	1840
7440-47-3	Chromium	2.5	*	12/15/2024	0539
7440-48-4	Cobalt	6.7	*	12/15/2024	0539
7440-50-8	Copper	4.9	*	12/15/2024	0539
7439-89-6	Iron	7400	*	12/15/2024	0539
7439-92-1	Lead	28		12/15/2024	0539
7439-95-4	Magnesium	100000	D*	12/21/2024	0941
7439-96-5	Manganese	990	*	12/15/2024	0539
7440-02-0	Nickel	4.6		12/15/2024	0539
7440-09-7	Potassium	340	J	12/15/2024	0539
7782-49-2	Selenium	3.1	U*	12/15/2024	0539
7440-22-4	Silver	0.89	U*	12/15/2024	0539
7440-23-5	Sodium	220	J	12/15/2024	0539
7440-28-0	Thallium	3.9	*	12/15/2024	0539
7440-62-2	Vanadium	2.3	J	12/15/2024	0539
7440-66-6	Zinc	1400	*	12/15/2024	0539

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJJ6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-06

% Solids: 94.1 Date Received: 11/26/2024

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	2000	*	12/15/2024	0543
7440-36-0	Antimony	5.5	U*	12/15/2024	0543
7440-38-2	Arsenic	1.9		12/15/2024	0543
7440-39-3	Barium	38	*	12/15/2024	0543
7440-41-7	Beryllium	0.16	J	12/15/2024	0543
7440-43-9	Cadmium	0.71		12/15/2024	0543
7440-70-2	Calcium	180000	D*	12/23/2024	1844
7440-47-3	Chromium	3.4	*	12/15/2024	0543
7440-48-4	Cobalt	7.2	*	12/15/2024	0543
7440-50-8	Copper	8.4	*	12/15/2024	0543
7439-89-6	Iron	7500	*	12/15/2024	0543
7439-92-1	Lead	42		12/15/2024	0543
7439-95-4	Magnesium	85000	D*	12/21/2024	0945
7439-96-5	Manganese	1000	*	12/15/2024	0543
7440-02-0	Nickel	5.4		12/15/2024	0543
7440-09-7	Potassium	270	J	12/15/2024	0543
7782-49-2	Selenium	3.2	U*	12/15/2024	0543
7440-22-4	Silver	0.91	U*	12/15/2024	0543
7440-23-5	Sodium	140	J	12/15/2024	0543
7440-28-0	Thallium	4.2	*	12/15/2024	0543
7440-62-2	Vanadium	3.4	J	12/15/2024	0543
7440-66-6	Zinc	120	*	12/15/2024	0543

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJJ7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-07

% Solids: 88 Date Received: 11/26/2024

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	4400	*	12/15/2024	0547
7440-36-0	Antimony	5.8	U*	12/15/2024	0547
7440-38-2	Arsenic	10		12/15/2024	0547
7440-39-3	Barium	58	*	12/15/2024	0547
7440-41-7	Beryllium	0.47	J	12/15/2024	0547
7440-43-9	Cadmium	0.63		12/15/2024	0547
7440-70-2	Calcium	140000	D*	12/21/2024	0949
7440-47-3	Chromium	6.0	*	12/15/2024	0547
7440-48-4	Cobalt	15	*	12/15/2024	0547
7440-50-8	Copper	38	*	12/15/2024	0547
7439-89-6	Iron	11000	*	12/15/2024	0547
7439-92-1	Lead	45		12/15/2024	0547
7439-95-4	Magnesium	30000	*	12/15/2024	0547
7439-96-5	Manganese	1100	*	12/15/2024	0547
7440-02-0	Nickel	16		12/15/2024	0547
7440-09-7	Potassium	580		12/15/2024	0547
7782-49-2	Selenium	3.4	U*	12/15/2024	0547
7440-22-4	Silver	0.97	U*	12/15/2024	0547
7440-23-5	Sodium	160	J	12/15/2024	0547
7440-28-0	Thallium	3.9	*	12/15/2024	0547
7440-62-2	Vanadium	11		12/15/2024	0547
7440-66-6	Zinc	81	*	12/15/2024	0547

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJL9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
 Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0
 Matrix: SOIL Lab Sample ID: P5008-08
 % Solids: 79.7 Date Received: 11/26/2024
 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	5900	*	12/15/2024	0551
7440-36-0	Antimony	1.8	J*	12/15/2024	0551
7440-38-2	Arsenic	8.1		12/15/2024	0551
7440-39-3	Barium	70	*	12/15/2024	0551
7440-41-7	Beryllium	0.46	J	12/15/2024	0551
7440-43-9	Cadmium	0.40	J	12/15/2024	0551
7440-70-2	Calcium	6100	*	12/15/2024	0551
7440-47-3	Chromium	9.0	*	12/15/2024	0551
7440-48-4	Cobalt	7.7	*	12/15/2024	0551
7440-50-8	Copper	27	*	12/15/2024	0551
7439-89-6	Iron	11000	*	12/15/2024	0551
7439-92-1	Lead	97		12/15/2024	0551
7439-95-4	Magnesium	2500	*	12/15/2024	0551
7439-96-5	Manganese	430	*	12/15/2024	0551
7440-02-0	Nickel	12		12/15/2024	0551
7440-09-7	Potassium	260	J	12/15/2024	0551
7782-49-2	Selenium	3.5	U*	12/15/2024	0551
7440-22-4	Silver	1.0	U*	12/15/2024	0551
7440-23-5	Sodium	500	U	12/15/2024	0551
7440-28-0	Thallium	0.74	J*	12/15/2024	0551
7440-62-2	Vanadium	12		12/15/2024	0551
7440-66-6	Zinc	76	*	12/15/2024	0551

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJM0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-09

% Solids: 82.2 Date Received: 11/26/2024

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	6000	*	12/15/2024	0554
7440-36-0	Antimony	1.7	J*	12/15/2024	0554
7440-38-2	Arsenic	8.5		12/15/2024	0554
7440-39-3	Barium	100	*	12/15/2024	0554
7440-41-7	Beryllium	0.55		12/15/2024	0554
7440-43-9	Cadmium	0.63		12/15/2024	0554
7440-70-2	Calcium	17000	*	12/15/2024	0554
7440-47-3	Chromium	11	*	12/15/2024	0554
7440-48-4	Cobalt	9.5	*	12/15/2024	0554
7440-50-8	Copper	50	*	12/15/2024	0554
7439-89-6	Iron	12000	*	12/15/2024	0554
7439-92-1	Lead	200		12/15/2024	0554
7439-95-4	Magnesium	5500	*	12/15/2024	0554
7439-96-5	Manganese	530	*	12/15/2024	0554
7440-02-0	Nickel	15		12/15/2024	0554
7440-09-7	Potassium	410	J	12/15/2024	0554
7782-49-2	Selenium	3.8	U*	12/15/2024	0554
7440-22-4	Silver	1.1	U*	12/15/2024	0554
7440-23-5	Sodium	130	J	12/15/2024	0554
7440-28-0	Thallium	1.1	J*	12/15/2024	0554
7440-62-2	Vanadium	14		12/15/2024	0554
7440-66-6	Zinc	130	*	12/15/2024	0554

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJM1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-10

% Solids: 82 Date Received: 11/26/2024

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	6400	*	12/15/2024	0558
7440-36-0	Antimony	2.2	J*	12/15/2024	0558
7440-38-2	Arsenic	8.6		12/15/2024	0558
7440-39-3	Barium	170	*	12/15/2024	0558
7440-41-7	Beryllium	0.55		12/15/2024	0558
7440-43-9	Cadmium	0.72		12/15/2024	0558
7440-70-2	Calcium	11000	*	12/15/2024	0558
7440-47-3	Chromium	11	*	12/15/2024	0558
7440-48-4	Cobalt	11	*	12/15/2024	0558
7440-50-8	Copper	33	*	12/15/2024	0558
7439-89-6	Iron	14000	*	12/15/2024	0558
7439-92-1	Lead	190		12/15/2024	0558
7439-95-4	Magnesium	3200	*	12/15/2024	0558
7439-96-5	Manganese	920	*	12/15/2024	0558
7440-02-0	Nickel	16		12/15/2024	0558
7440-09-7	Potassium	580		12/15/2024	0558
7782-49-2	Selenium	3.5	U*	12/15/2024	0558
7440-22-4	Silver	0.99	U*	12/15/2024	0558
7440-23-5	Sodium	500	U	12/15/2024	0558
7440-28-0	Thallium	1.8	J*	12/15/2024	0558
7440-62-2	Vanadium	15		12/15/2024	0558
7440-66-6	Zinc	140	*	12/15/2024	0558

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJM2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-11

% Solids: 77.7 Date Received: 11/26/2024

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	6500	*	12/15/2024	0602
7440-36-0	Antimony	1.0	J*	12/15/2024	0602
7440-38-2	Arsenic	5.0		12/15/2024	0602
7440-39-3	Barium	150	*	12/15/2024	0602
7440-41-7	Beryllium	0.48	J	12/15/2024	0602
7440-43-9	Cadmium	0.47	J	12/15/2024	0602
7440-70-2	Calcium	11000	*	12/15/2024	0602
7440-47-3	Chromium	11	*	12/15/2024	0602
7440-48-4	Cobalt	8.8	*	12/15/2024	0602
7440-50-8	Copper	25	*	12/15/2024	0602
7439-89-6	Iron	10000	*	12/15/2024	0602
7439-92-1	Lead	120		12/15/2024	0602
7439-95-4	Magnesium	3000	*	12/15/2024	0602
7439-96-5	Manganese	480	*	12/15/2024	0602
7440-02-0	Nickel	12		12/15/2024	0602
7440-09-7	Potassium	640		12/15/2024	0602
7782-49-2	Selenium	3.6	U*	12/15/2024	0602
7440-22-4	Silver	1.0	U*	12/15/2024	0602
7440-23-5	Sodium	510	U	12/15/2024	0602
7440-28-0	Thallium	1.3	J*	12/15/2024	0602
7440-62-2	Vanadium	11		12/15/2024	0602
7440-66-6	Zinc	110	*	12/15/2024	0602

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

Comments:

FORM 1 - IN
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MBHJM3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-12

% Solids: 85.4 Date Received: 11/26/2024

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	4600	*	12/15/2024	0606
7440-36-0	Antimony	2.1	J*	12/15/2024	0606
7440-38-2	Arsenic	28		12/15/2024	0606
7440-39-3	Barium	160	*	12/15/2024	0606
7440-41-7	Beryllium	0.51		12/15/2024	0606
7440-43-9	Cadmium	0.69		12/15/2024	0606
7440-70-2	Calcium	10000	*	12/15/2024	0606
7440-47-3	Chromium	8.0	*	12/15/2024	0606
7440-48-4	Cobalt	14	*	12/15/2024	0606
7440-50-8	Copper	7.1	*	12/15/2024	0606
7439-89-6	Iron	17000	*	12/15/2024	0606
7439-92-1	Lead	41		12/15/2024	0606
7439-95-4	Magnesium	2500	*	12/15/2024	0606
7439-96-5	Manganese	1100	*	12/15/2024	0606
7440-02-0	Nickel	12		12/15/2024	0606
7440-09-7	Potassium	420		12/15/2024	0606
7782-49-2	Selenium	2.9	U*	12/15/2024	0606
7440-22-4	Silver	0.83	U*	12/15/2024	0606
7440-23-5	Sodium	410	U	12/15/2024	0606
7440-28-0	Thallium	1.1	J*	12/15/2024	0606
7440-62-2	Vanadium	18		12/15/2024	0606
7440-66-6	Zinc	73	*	12/15/2024	0606

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJM4

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-13

% Solids: 89.7 Date Received: 11/26/2024

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	4000	*	12/15/2024	0610
7440-36-0	Antimony	5.6	U*	12/15/2024	0610
7440-38-2	Arsenic	4.4		12/15/2024	0610
7440-39-3	Barium	67	*	12/15/2024	0610
7440-41-7	Beryllium	0.34	J	12/15/2024	0610
7440-43-9	Cadmium	0.46	J	12/15/2024	0610
7440-70-2	Calcium	95000	D*	12/21/2024	0953
7440-47-3	Chromium	7.3	*	12/15/2024	0610
7440-48-4	Cobalt	12	*	12/15/2024	0610
7440-50-8	Copper	4.0	*	12/15/2024	0610
7439-89-6	Iron	8200	*	12/15/2024	0610
7439-92-1	Lead	8.7		12/15/2024	0610
7439-95-4	Magnesium	4500	*	12/15/2024	0610
7439-96-5	Manganese	1200	*	12/15/2024	0610
7440-02-0	Nickel	17		12/15/2024	0610
7440-09-7	Potassium	770		12/15/2024	0610
7782-49-2	Selenium	3.3	U*	12/15/2024	0610
7440-22-4	Silver	0.93	U*	12/15/2024	0610
7440-23-5	Sodium	470	U	12/15/2024	0610
7440-28-0	Thallium	4.1	*	12/15/2024	0610
7440-62-2	Vanadium	6.4		12/15/2024	0610
7440-66-6	Zinc	24	*	12/15/2024	0610

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJM5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-14

% Solids: 89 Date Received: 11/26/2024

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	4600	*	12/15/2024	0613
7440-36-0	Antimony	6.1	U*	12/15/2024	0613
7440-38-2	Arsenic	2.3		12/15/2024	0613
7440-39-3	Barium	62	*	12/15/2024	0613
7440-41-7	Beryllium	0.46	J	12/15/2024	0613
7440-43-9	Cadmium	0.52		12/15/2024	0613
7440-70-2	Calcium	120000	D*	12/21/2024	0957
7440-47-3	Chromium	8.0	*	12/15/2024	0613
7440-48-4	Cobalt	14	*	12/15/2024	0613
7440-50-8	Copper	5.8	*	12/15/2024	0613
7439-89-6	Iron	9900	*	12/15/2024	0613
7439-92-1	Lead	8.2		12/15/2024	0613
7439-95-4	Magnesium	3800	*	12/15/2024	0613
7439-96-5	Manganese	860	*	12/15/2024	0613
7440-02-0	Nickel	19		12/15/2024	0613
7440-09-7	Potassium	830		12/15/2024	0613
7782-49-2	Selenium	3.5	U*	12/15/2024	0613
7440-22-4	Silver	1.0	U*	12/15/2024	0613
7440-23-5	Sodium	510	U	12/15/2024	0613
7440-28-0	Thallium	3.5	*	12/15/2024	0613
7440-62-2	Vanadium	8.0		12/15/2024	0613
7440-66-6	Zinc	25	*	12/15/2024	0613

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

Comments:

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INORGANIC ANALYSIS DATA SHEET

MBHJS5

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-15

% Solids: 70.2 Date Received: 11/26/2024

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	6300	*	12/15/2024	0617
7440-36-0	Antimony	1.9	J*	12/15/2024	0617
7440-38-2	Arsenic	8.4		12/15/2024	0617
7440-39-3	Barium	240	*	12/15/2024	0617
7440-41-7	Beryllium	0.61		12/15/2024	0617
7440-43-9	Cadmium	1.5		12/15/2024	0617
7440-70-2	Calcium	7900	*	12/15/2024	0617
7440-47-3	Chromium	15	*	12/15/2024	0617
7440-48-4	Cobalt	9.7	*	12/15/2024	0617
7440-50-8	Copper	48	*	12/15/2024	0617
7439-89-6	Iron	11000	*	12/15/2024	0617
7439-92-1	Lead	340		12/15/2024	0617
7439-95-4	Magnesium	2800	*	12/15/2024	0617
7439-96-5	Manganese	470	*	12/15/2024	0617
7440-02-0	Nickel	21		12/15/2024	0617
7440-09-7	Potassium	770		12/15/2024	0617
7782-49-2	Selenium	3.8	U*	12/15/2024	0617
7440-22-4	Silver	1.1	U*	12/15/2024	0617
7440-23-5	Sodium	540	U	12/15/2024	0617
7440-28-0	Thallium	2.7	U*	12/15/2024	0617
7440-62-2	Vanadium	15		12/15/2024	0617
7440-66-6	Zinc	270	*	12/15/2024	0617

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJS6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-16

% Solids: 77.1 Date Received: 11/26/2024

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	6800	*	12/15/2024	0621
7440-36-0	Antimony	1.8	J*	12/15/2024	0621
7440-38-2	Arsenic	9.4		12/15/2024	0621
7440-39-3	Barium	270	*	12/15/2024	0621
7440-41-7	Beryllium	0.64		12/15/2024	0621
7440-43-9	Cadmium	1.7		12/15/2024	0621
7440-70-2	Calcium	7600	*	12/15/2024	0621
7440-47-3	Chromium	15	*	12/15/2024	0621
7440-48-4	Cobalt	10	*	12/15/2024	0621
7440-50-8	Copper	56	*	12/15/2024	0621
7439-89-6	Iron	12000	*	12/15/2024	0621
7439-92-1	Lead	420		12/15/2024	0621
7439-95-4	Magnesium	2800	*	12/15/2024	0621
7439-96-5	Manganese	490	*	12/15/2024	0621
7440-02-0	Nickel	22		12/15/2024	0621
7440-09-7	Potassium	770		12/15/2024	0621
7782-49-2	Selenium	3.8	U*	12/15/2024	0621
7440-22-4	Silver	1.1	U*	12/15/2024	0621
7440-23-5	Sodium	550	U	12/15/2024	0621
7440-28-0	Thallium	1.1	J*	12/15/2024	0621
7440-62-2	Vanadium	17		12/15/2024	0621
7440-66-6	Zinc	300	*	12/15/2024	0621

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJS7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-17

% Solids: 82.5 Date Received: 11/26/2024

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	7300	*	12/15/2024	0625
7440-36-0	Antimony	3.3	J*	12/15/2024	0625
7440-38-2	Arsenic	13		12/15/2024	0625
7440-39-3	Barium	300	*	12/15/2024	0625
7440-41-7	Beryllium	0.63		12/15/2024	0625
7440-43-9	Cadmium	1.7		12/15/2024	0625
7440-70-2	Calcium	12000	*	12/15/2024	0625
7440-47-3	Chromium	15	*	12/15/2024	0625
7440-48-4	Cobalt	10	*	12/15/2024	0625
7440-50-8	Copper	120	*	12/15/2024	0625
7439-89-6	Iron	12000	*	12/15/2024	0625
7439-92-1	Lead	460		12/15/2024	0625
7439-95-4	Magnesium	3800	*	12/15/2024	0625
7439-96-5	Manganese	510	*	12/15/2024	0625
7440-02-0	Nickel	21		12/15/2024	0625
7440-09-7	Potassium	860		12/15/2024	0625
7782-49-2	Selenium	3.8	U*	12/15/2024	0625
7440-22-4	Silver	1.1	U*	12/15/2024	0625
7440-23-5	Sodium	110	J	12/15/2024	0625
7440-28-0	Thallium	1.2	J*	12/15/2024	0625
7440-62-2	Vanadium	18		12/15/2024	0625
7440-66-6	Zinc	470	*	12/15/2024	0625

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHJS8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-18

% Solids: 84.4 Date Received: 11/26/2024

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	6400	*	12/15/2024	0629
7440-36-0	Antimony	1.9	J*	12/15/2024	0629
7440-38-2	Arsenic	8.1		12/15/2024	0629
7440-39-3	Barium	170	*	12/15/2024	0629
7440-41-7	Beryllium	0.54		12/15/2024	0629
7440-43-9	Cadmium	1.2		12/15/2024	0629
7440-70-2	Calcium	12000	*	12/15/2024	0629
7440-47-3	Chromium	12	*	12/15/2024	0629
7440-48-4	Cobalt	10	*	12/15/2024	0629
7440-50-8	Copper	38	*	12/15/2024	0629
7439-89-6	Iron	11000	*	12/15/2024	0629
7439-92-1	Lead	240		12/15/2024	0629
7439-95-4	Magnesium	3200	*	12/15/2024	0629
7439-96-5	Manganese	660	*	12/15/2024	0629
7440-02-0	Nickel	19		12/15/2024	0629
7440-09-7	Potassium	610		12/15/2024	0629
7782-49-2	Selenium	3.5	U*	12/15/2024	0629
7440-22-4	Silver	1.0	U*	12/15/2024	0629
7440-23-5	Sodium	500	U	12/15/2024	0629
7440-28-0	Thallium	2.0	J*	12/15/2024	0629
7440-62-2	Vanadium	13		12/15/2024	0629
7440-66-6	Zinc	230	*	12/15/2024	0629

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

Comments:

FORM 1 - IN
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MBHJS9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-19

% Solids: 83.2 Date Received: 11/26/2024

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	7200	*	12/15/2024	0633
7440-36-0	Antimony	2.8	J*	12/15/2024	0633
7440-38-2	Arsenic	5.9		12/15/2024	0633
7440-39-3	Barium	110	*	12/15/2024	0633
7440-41-7	Beryllium	0.60		12/15/2024	0633
7440-43-9	Cadmium	0.90		12/15/2024	0633
7440-70-2	Calcium	6000	*	12/15/2024	0633
7440-47-3	Chromium	13	*	12/15/2024	0633
7440-48-4	Cobalt	12	*	12/15/2024	0633
7440-50-8	Copper	15	*	12/15/2024	0633
7439-89-6	Iron	16000	*	12/15/2024	0633
7439-92-1	Lead	56		12/15/2024	0633
7439-95-4	Magnesium	3600	*	12/15/2024	0633
7439-96-5	Manganese	910	*	12/15/2024	0633
7440-02-0	Nickel	22		12/15/2024	0633
7440-09-7	Potassium	670		12/15/2024	0633
7782-49-2	Selenium	3.5	U*	12/15/2024	0633
7440-22-4	Silver	1.0	U*	12/15/2024	0633
7440-23-5	Sodium	510	U	12/15/2024	0633
7440-28-0	Thallium	1.1	J*	12/15/2024	0633
7440-62-2	Vanadium	15		12/15/2024	0633
7440-66-6	Zinc	150	*	12/15/2024	0633

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

Comments:

FORM 1 - IN
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MBHJT0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHJJ0

Matrix: SOIL Lab Sample ID: P5008-20

% Solids: 85.3 Date Received: 11/26/2024

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	6100	*	12/19/2024	0316
7440-36-0	Antimony	1.8	J*	12/19/2024	0316
7440-38-2	Arsenic	5.9		12/19/2024	0316
7440-39-3	Barium	61	*	12/19/2024	0316
7440-41-7	Beryllium	0.64		12/19/2024	0316
7440-43-9	Cadmium	0.52		12/19/2024	0316
7440-70-2	Calcium	33000	*	12/19/2024	0316
7440-47-3	Chromium	14	*	12/19/2024	0316
7440-48-4	Cobalt	13	*	12/19/2024	0316
7440-50-8	Copper	15	*	12/19/2024	0316
7439-89-6	Iron	15000	*	12/19/2024	0316
7439-92-1	Lead	24		12/19/2024	0316
7439-95-4	Magnesium	7100	*	12/19/2024	0316
7439-96-5	Manganese	600	*	12/19/2024	0316
7440-02-0	Nickel	20		12/19/2024	0316
7440-09-7	Potassium	650		12/19/2024	0316
7782-49-2	Selenium	5.1	*	12/19/2024	0316
7440-22-4	Silver	0.64	J*	12/19/2024	0316
7440-23-5	Sodium	150	J	12/19/2024	0316
7440-28-0	Thallium	2.5	U*	12/19/2024	0316
7440-62-2	Vanadium	16		12/19/2024	0316
7440-66-6	Zinc	69	*	12/19/2024	0316

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

Comments: