

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHK52

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-01

% Solids: 84.6 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5900		12/16/2024	0351
7440-36-0	Antimony	2.4	J	12/16/2024	0351
7440-38-2	Arsenic	11		12/16/2024	0351
7440-39-3	Barium	76		12/16/2024	0351
7440-41-7	Beryllium	0.54		12/16/2024	0351
7440-43-9	Cadmium	0.59		12/16/2024	0351
7440-70-2	Calcium	3800		12/16/2024	0351
7440-47-3	Chromium	8.5		12/16/2024	0351
7440-48-4	Cobalt	12	*	12/16/2024	0351
7440-50-8	Copper	23		12/16/2024	0351
7439-89-6	Iron	14000		12/16/2024	0351
7439-92-1	Lead	130		12/16/2024	0351
7439-95-4	Magnesium	1900		12/16/2024	0351
7439-96-5	Manganese	1600		12/16/2024	0351
7440-02-0	Nickel	13		12/16/2024	0351
7440-09-7	Potassium	370	J	12/16/2024	0351
7782-49-2	Selenium	0.75	J*	12/16/2024	0351
7440-22-4	Silver	0.92	U*	12/16/2024	0351
7440-23-5	Sodium	570		12/16/2024	0351
7440-28-0	Thallium	2.1	J	12/16/2024	0351
7440-62-2	Vanadium	13		12/16/2024	0351
7440-66-6	Zinc	53		12/16/2024	0351

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

Comments:

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MBHK53

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-02

% Solids: 87.7 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6600		12/16/2024	0355
7440-36-0	Antimony	3.2	J	12/16/2024	0355
7440-38-2	Arsenic	12		12/16/2024	0355
7440-39-3	Barium	59		12/16/2024	0355
7440-41-7	Beryllium	0.57		12/16/2024	0355
7440-43-9	Cadmium	0.46		12/16/2024	0355
7440-70-2	Calcium	2200		12/16/2024	0355
7440-47-3	Chromium	8.9		12/16/2024	0355
7440-48-4	Cobalt	12	*	12/16/2024	0355
7440-50-8	Copper	20		12/16/2024	0355
7439-89-6	Iron	17000		12/16/2024	0355
7439-92-1	Lead	69		12/16/2024	0355
7439-95-4	Magnesium	1600		12/16/2024	0355
7439-96-5	Manganese	1400		12/16/2024	0355
7440-02-0	Nickel	13		12/16/2024	0355
7440-09-7	Potassium	380	J	12/16/2024	0355
7782-49-2	Selenium	1.3	J*	12/16/2024	0355
7440-22-4	Silver	0.86	U*	12/16/2024	0355
7440-23-5	Sodium	600		12/16/2024	0355
7440-28-0	Thallium	1.1	J	12/16/2024	0355
7440-62-2	Vanadium	14		12/16/2024	0355
7440-66-6	Zinc	48		12/16/2024	0355

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

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MBHK54

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-03

% Solids: 82.5 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6000		12/16/2024	0359
7440-36-0	Antimony	4.1	J	12/16/2024	0359
7440-38-2	Arsenic	18		12/16/2024	0359
7440-39-3	Barium	69		12/16/2024	0359
7440-41-7	Beryllium	0.76		12/16/2024	0359
7440-43-9	Cadmium	0.99		12/16/2024	0359
7440-70-2	Calcium	2900		12/16/2024	0359
7440-47-3	Chromium	9.2		12/16/2024	0359
7440-48-4	Cobalt	17	*	12/16/2024	0359
7440-50-8	Copper	28		12/16/2024	0359
7439-89-6	Iron	23000		12/16/2024	0359
7439-92-1	Lead	110		12/16/2024	0359
7439-95-4	Magnesium	1800		12/16/2024	0359
7439-96-5	Manganese	1900		12/16/2024	0359
7440-02-0	Nickel	19		12/16/2024	0359
7440-09-7	Potassium	420	J	12/16/2024	0359
7782-49-2	Selenium	1.6	J*	12/16/2024	0359
7440-22-4	Silver	0.95	U*	12/16/2024	0359
7440-23-5	Sodium	640		12/16/2024	0359
7440-28-0	Thallium	2.6		12/16/2024	0359
7440-62-2	Vanadium	14		12/16/2024	0359
7440-66-6	Zinc	190		12/16/2024	0359

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

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MBHK75

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-12

% Solids: 94.6 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5500		12/16/2024	0511
7440-36-0	Antimony	1.1	J	12/16/2024	0511
7440-38-2	Arsenic	3.1		12/16/2024	0511
7440-39-3	Barium	63		12/16/2024	0511
7440-41-7	Beryllium	0.44	J	12/16/2024	0511
7440-43-9	Cadmium	0.31	J	12/16/2024	0511
7440-70-2	Calcium	83000	D	12/23/2024	1529
7440-47-3	Chromium	9.2		12/16/2024	0511
7440-48-4	Cobalt	11	*	12/16/2024	0511
7440-50-8	Copper	8.7		12/16/2024	0511
7439-89-6	Iron	13000		12/16/2024	0511
7439-92-1	Lead	10		12/16/2024	0511
7439-95-4	Magnesium	11000		12/16/2024	0511
7439-96-5	Manganese	300		12/16/2024	0511
7440-02-0	Nickel	16		12/16/2024	0511
7440-09-7	Potassium	410	J	12/16/2024	0511
7782-49-2	Selenium	3.3	U*	12/16/2024	0511
7440-22-4	Silver	0.93	U*	12/16/2024	0511
7440-23-5	Sodium	460	U	12/16/2024	0511
7440-28-0	Thallium	2.4		12/16/2024	0511
7440-62-2	Vanadium	12		12/16/2024	0511
7440-66-6	Zinc	27		12/16/2024	0511

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

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MBHK76

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-13

% Solids: 74.3 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5500		12/16/2024	0515
7440-36-0	Antimony	6.6	U	12/16/2024	0515
7440-38-2	Arsenic	12		12/16/2024	0515
7440-39-3	Barium	110		12/16/2024	0515
7440-41-7	Beryllium	0.73		12/16/2024	0515
7440-43-9	Cadmium	0.37	J	12/16/2024	0515
7440-70-2	Calcium	9700		12/16/2024	0515
7440-47-3	Chromium	5.7		12/16/2024	0515
7440-48-4	Cobalt	9.8	*	12/16/2024	0515
7440-50-8	Copper	30		12/16/2024	0515
7439-89-6	Iron	3900		12/16/2024	0515
7439-92-1	Lead	140		12/16/2024	0515
7439-95-4	Magnesium	830		12/16/2024	0515
7439-96-5	Manganese	280		12/16/2024	0515
7440-02-0	Nickel	11		12/16/2024	0515
7440-09-7	Potassium	540	J	12/16/2024	0515
7782-49-2	Selenium	3.8	U*	12/16/2024	0515
7440-22-4	Silver	1.1	U*	12/16/2024	0515
7440-23-5	Sodium	550	U	12/16/2024	0515
7440-28-0	Thallium	1.7	J	12/16/2024	0515
7440-62-2	Vanadium	18		12/16/2024	0515
7440-66-6	Zinc	77		12/16/2024	0515

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

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MBHK77

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-14

% Solids: 82.5 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4800		12/16/2024	0519
7440-36-0	Antimony	1.0	J	12/16/2024	0519
7440-38-2	Arsenic	13		12/16/2024	0519
7440-39-3	Barium	190		12/16/2024	0519
7440-41-7	Beryllium	0.58		12/16/2024	0519
7440-43-9	Cadmium	0.85		12/16/2024	0519
7440-70-2	Calcium	6100		12/16/2024	0519
7440-47-3	Chromium	8.2		12/16/2024	0519
7440-48-4	Cobalt	9.9	*	12/16/2024	0519
7440-50-8	Copper	28		12/16/2024	0519
7439-89-6	Iron	5600		12/16/2024	0519
7439-92-1	Lead	240		12/16/2024	0519
7439-95-4	Magnesium	970		12/16/2024	0519
7439-96-5	Manganese	710		12/16/2024	0519
7440-02-0	Nickel	13		12/16/2024	0519
7440-09-7	Potassium	680		12/16/2024	0519
7782-49-2	Selenium	2.9	U*	12/16/2024	0519
7440-22-4	Silver	0.83	U*	12/16/2024	0519
7440-23-5	Sodium	130	J	12/16/2024	0519
7440-28-0	Thallium	1.6	J	12/16/2024	0519
7440-62-2	Vanadium	26		12/16/2024	0519
7440-66-6	Zinc	280		12/16/2024	0519

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

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MBHK79

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-15

% Solids: 86.6 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5200		12/16/2024	0523
7440-36-0	Antimony	1.8	J	12/16/2024	0523
7440-38-2	Arsenic	16		12/16/2024	0523
7440-39-3	Barium	210		12/16/2024	0523
7440-41-7	Beryllium	0.52		12/16/2024	0523
7440-43-9	Cadmium	0.80		12/16/2024	0523
7440-70-2	Calcium	27000		12/16/2024	0523
7440-47-3	Chromium	9.7		12/16/2024	0523
7440-48-4	Cobalt	14	*	12/16/2024	0523
7440-50-8	Copper	39		12/16/2024	0523
7439-89-6	Iron	14000		12/16/2024	0523
7439-92-1	Lead	800		12/16/2024	0523
7439-95-4	Magnesium	2900		12/16/2024	0523
7439-96-5	Manganese	1600		12/16/2024	0523
7440-02-0	Nickel	15		12/16/2024	0523
7440-09-7	Potassium	870		12/16/2024	0523
7782-49-2	Selenium	3.2	U*	12/16/2024	0523
7440-22-4	Silver	0.91	U*	12/16/2024	0523
7440-23-5	Sodium	460	U	12/16/2024	0523
7440-28-0	Thallium	4.0		12/16/2024	0523
7440-62-2	Vanadium	14		12/16/2024	0523
7440-66-6	Zinc	140		12/16/2024	0523

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

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MBHK80

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-16

% Solids: 86.3 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5500		12/16/2024	0527
7440-36-0	Antimony	2.0	J	12/16/2024	0527
7440-38-2	Arsenic	12		12/16/2024	0527
7440-39-3	Barium	190		12/16/2024	0527
7440-41-7	Beryllium	0.51		12/16/2024	0527
7440-43-9	Cadmium	0.67		12/16/2024	0527
7440-70-2	Calcium	20000		12/16/2024	0527
7440-47-3	Chromium	9.5		12/16/2024	0527
7440-48-4	Cobalt	14	*	12/16/2024	0527
7440-50-8	Copper	33		12/16/2024	0527
7439-89-6	Iron	15000		12/16/2024	0527
7439-92-1	Lead	260		12/16/2024	0527
7439-95-4	Magnesium	2500		12/16/2024	0527
7439-96-5	Manganese	1800		12/16/2024	0527
7440-02-0	Nickel	14		12/16/2024	0527
7440-09-7	Potassium	920		12/16/2024	0527
7782-49-2	Selenium	3.5	U*	12/16/2024	0527
7440-22-4	Silver	1.0	U*	12/16/2024	0527
7440-23-5	Sodium	500	U	12/16/2024	0527
7440-28-0	Thallium	4.1		12/16/2024	0527
7440-62-2	Vanadium	11		12/16/2024	0527
7440-66-6	Zinc	88		12/16/2024	0527

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

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MBHK81

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-17

% Solids: 85.7 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5700		12/16/2024	0531
7440-36-0	Antimony	2.0	J	12/16/2024	0531
7440-38-2	Arsenic	11		12/16/2024	0531
7440-39-3	Barium	130		12/16/2024	0531
7440-41-7	Beryllium	0.55		12/16/2024	0531
7440-43-9	Cadmium	0.73		12/16/2024	0531
7440-70-2	Calcium	18000		12/16/2024	0531
7440-47-3	Chromium	8.7		12/16/2024	0531
7440-48-4	Cobalt	14	*	12/16/2024	0531
7440-50-8	Copper	27		12/16/2024	0531
7439-89-6	Iron	15000		12/16/2024	0531
7439-92-1	Lead	190		12/16/2024	0531
7439-95-4	Magnesium	5700		12/16/2024	0531
7439-96-5	Manganese	1600		12/16/2024	0531
7440-02-0	Nickel	15		12/16/2024	0531
7440-09-7	Potassium	680		12/16/2024	0531
7782-49-2	Selenium	3.0	U*	12/16/2024	0531
7440-22-4	Silver	0.85	U*	12/16/2024	0531
7440-23-5	Sodium	420	U	12/16/2024	0531
7440-28-0	Thallium	3.6		12/16/2024	0531
7440-62-2	Vanadium	12		12/16/2024	0531
7440-66-6	Zinc	63		12/16/2024	0531

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

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MBHK82

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-18

% Solids: 88.5 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5100		12/16/2024	0535
7440-36-0	Antimony	1.7	J	12/16/2024	0535
7440-38-2	Arsenic	8.3		12/16/2024	0535
7440-39-3	Barium	96		12/16/2024	0535
7440-41-7	Beryllium	0.49		12/16/2024	0535
7440-43-9	Cadmium	0.56		12/16/2024	0535
7440-70-2	Calcium	45000		12/16/2024	0535
7440-47-3	Chromium	8.8		12/16/2024	0535
7440-48-4	Cobalt	13	*	12/16/2024	0535
7440-50-8	Copper	25		12/16/2024	0535
7439-89-6	Iron	13000		12/16/2024	0535
7439-92-1	Lead	92		12/16/2024	0535
7439-95-4	Magnesium	7000		12/16/2024	0535
7439-96-5	Manganese	1100		12/16/2024	0535
7440-02-0	Nickel	15		12/16/2024	0535
7440-09-7	Potassium	580		12/16/2024	0535
7782-49-2	Selenium	3.1	U*	12/16/2024	0535
7440-22-4	Silver	0.88	U*	12/16/2024	0535
7440-23-5	Sodium	440	U	12/16/2024	0535
7440-28-0	Thallium	3.6		12/16/2024	0535
7440-62-2	Vanadium	11		12/16/2024	0535
7440-66-6	Zinc	59		12/16/2024	0535

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

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MBHKB8

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-04

% Solids: 77.2 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6100		12/16/2024	0403
7440-36-0	Antimony	1.8	J	12/16/2024	0403
7440-38-2	Arsenic	6.2		12/16/2024	0403
7440-39-3	Barium	110		12/16/2024	0403
7440-41-7	Beryllium	0.54		12/16/2024	0403
7440-43-9	Cadmium	0.78		12/16/2024	0403
7440-70-2	Calcium	16000		12/16/2024	0403
7440-47-3	Chromium	11		12/16/2024	0403
7440-48-4	Cobalt	10	*	12/16/2024	0403
7440-50-8	Copper	19		12/16/2024	0403
7439-89-6	Iron	13000		12/16/2024	0403
7439-92-1	Lead	200		12/16/2024	0403
7439-95-4	Magnesium	6600		12/16/2024	0403
7439-96-5	Manganese	520		12/16/2024	0403
7440-02-0	Nickel	14		12/16/2024	0403
7440-09-7	Potassium	550		12/16/2024	0403
7782-49-2	Selenium	3.4	U*	12/16/2024	0403
7440-22-4	Silver	0.96	U*	12/16/2024	0403
7440-23-5	Sodium	480	U	12/16/2024	0403
7440-28-0	Thallium	1.7	J	12/16/2024	0403
7440-62-2	Vanadium	14		12/16/2024	0403
7440-66-6	Zinc	100		12/16/2024	0403

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKB9

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-05

% Solids: 80.7 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6700		12/16/2024	0407
7440-36-0	Antimony	2.3	J	12/16/2024	0407
7440-38-2	Arsenic	9.2		12/16/2024	0407
7440-39-3	Barium	190		12/16/2024	0407
7440-41-7	Beryllium	0.63		12/16/2024	0407
7440-43-9	Cadmium	1.7		12/16/2024	0407
7440-70-2	Calcium	14000		12/16/2024	0407
7440-47-3	Chromium	14		12/16/2024	0407
7440-48-4	Cobalt	13	*	12/16/2024	0407
7440-50-8	Copper	29		12/16/2024	0407
7439-89-6	Iron	16000		12/16/2024	0407
7439-92-1	Lead	390		12/16/2024	0407
7439-95-4	Magnesium	5800		12/16/2024	0407
7439-96-5	Manganese	670		12/16/2024	0407
7440-02-0	Nickel	18		12/16/2024	0407
7440-09-7	Potassium	570		12/16/2024	0407
7782-49-2	Selenium	3.6	U*	12/16/2024	0407
7440-22-4	Silver	1.0	U*	12/16/2024	0407
7440-23-5	Sodium	520	U	12/16/2024	0407
7440-28-0	Thallium	1.7	J	12/16/2024	0407
7440-62-2	Vanadium	16		12/16/2024	0407
7440-66-6	Zinc	200		12/16/2024	0407

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKC0

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-06

% Solids: 80.8 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4700		12/16/2024	0411
7440-36-0	Antimony	1.3	J	12/16/2024	0411
7440-38-2	Arsenic	11		12/16/2024	0411
7440-39-3	Barium	190		12/16/2024	0411
7440-41-7	Beryllium	0.43	J	12/16/2024	0411
7440-43-9	Cadmium	1.2		12/16/2024	0411
7440-70-2	Calcium	35000		12/16/2024	0411
7440-47-3	Chromium	9.8		12/16/2024	0411
7440-48-4	Cobalt	11	*	12/16/2024	0411
7440-50-8	Copper	27		12/16/2024	0411
7439-89-6	Iron	11000		12/16/2024	0411
7439-92-1	Lead	390		12/16/2024	0411
7439-95-4	Magnesium	3400		12/16/2024	0411
7439-96-5	Manganese	910		12/16/2024	0411
7440-02-0	Nickel	13		12/16/2024	0411
7440-09-7	Potassium	410	J	12/16/2024	0411
7782-49-2	Selenium	3.1	U*	12/16/2024	0411
7440-22-4	Silver	0.88	U*	12/16/2024	0411
7440-23-5	Sodium	440	U	12/16/2024	0411
7440-28-0	Thallium	2.8		12/16/2024	0411
7440-62-2	Vanadium	12		12/16/2024	0411
7440-66-6	Zinc	150		12/16/2024	0411

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKC1

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-09

% Solids: 82.9 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6200		12/16/2024	0427
7440-36-0	Antimony	2.5	J	12/16/2024	0427
7440-38-2	Arsenic	13		12/16/2024	0427
7440-39-3	Barium	140		12/16/2024	0427
7440-41-7	Beryllium	0.57		12/16/2024	0427
7440-43-9	Cadmium	0.56		12/16/2024	0427
7440-70-2	Calcium	8800		12/16/2024	0427
7440-47-3	Chromium	9.2		12/16/2024	0427
7440-48-4	Cobalt	15	*	12/16/2024	0427
7440-50-8	Copper	24		12/16/2024	0427
7439-89-6	Iron	16000		12/16/2024	0427
7439-92-1	Lead	180		12/16/2024	0427
7439-95-4	Magnesium	2200		12/16/2024	0427
7439-96-5	Manganese	1600		12/16/2024	0427
7440-02-0	Nickel	13		12/16/2024	0427
7440-09-7	Potassium	430	J	12/16/2024	0427
7782-49-2	Selenium	3.6	U*	12/16/2024	0427
7440-22-4	Silver	1.0	U*	12/16/2024	0427
7440-23-5	Sodium	510	U	12/16/2024	0427
7440-28-0	Thallium	2.7		12/16/2024	0427
7440-62-2	Vanadium	14		12/16/2024	0427
7440-66-6	Zinc	72		12/16/2024	0427

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKC2

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-10

% Solids: 78.7 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5900		12/16/2024	0503
7440-36-0	Antimony	3.1	J	12/16/2024	0503
7440-38-2	Arsenic	16		12/16/2024	0503
7440-39-3	Barium	400		12/16/2024	0503
7440-41-7	Beryllium	0.62		12/16/2024	0503
7440-43-9	Cadmium	3.7		12/16/2024	0503
7440-70-2	Calcium	9000		12/16/2024	0503
7440-47-3	Chromium	17		12/16/2024	0503
7440-48-4	Cobalt	12	*	12/16/2024	0503
7440-50-8	Copper	55		12/16/2024	0503
7439-89-6	Iron	16000		12/16/2024	0503
7439-92-1	Lead	880		12/16/2024	0503
7439-95-4	Magnesium	3200		12/16/2024	0503
7439-96-5	Manganese	960		12/16/2024	0503
7440-02-0	Nickel	21		12/16/2024	0503
7440-09-7	Potassium	510	J	12/16/2024	0503
7782-49-2	Selenium	4.0	U*	12/16/2024	0503
7440-22-4	Silver	1.1	U*	12/16/2024	0503
7440-23-5	Sodium	570	U	12/16/2024	0503
7440-28-0	Thallium	2.1	J	12/16/2024	0503
7440-62-2	Vanadium	15		12/16/2024	0503
7440-66-6	Zinc	360		12/16/2024	0503

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKC3

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-11

% Solids: 82.6 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7300		12/16/2024	0507
7440-36-0	Antimony	4.4	J	12/16/2024	0507
7440-38-2	Arsenic	30		12/16/2024	0507
7440-39-3	Barium	70		12/16/2024	0507
7440-41-7	Beryllium	0.72		12/16/2024	0507
7440-43-9	Cadmium	0.44	J	12/16/2024	0507
7440-70-2	Calcium	3100		12/16/2024	0507
7440-47-3	Chromium	9.9		12/16/2024	0507
7440-48-4	Cobalt	23	*	12/16/2024	0507
7440-50-8	Copper	34		12/16/2024	0507
7439-89-6	Iron	21000		12/16/2024	0507
7439-92-1	Lead	50		12/16/2024	0507
7439-95-4	Magnesium	1600		12/16/2024	0507
7439-96-5	Manganese	2500		12/16/2024	0507
7440-02-0	Nickel	16		12/16/2024	0507
7440-09-7	Potassium	390	J	12/16/2024	0507
7782-49-2	Selenium	1.7	J*	12/16/2024	0507
7440-22-4	Silver	1.1	U*	12/16/2024	0507
7440-23-5	Sodium	530	U	12/16/2024	0507
7440-28-0	Thallium	2.8		12/16/2024	0507
7440-62-2	Vanadium	16		12/16/2024	0507
7440-66-6	Zinc	50		12/16/2024	0507

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKG6

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-19

% Solids: 91.9 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4400		12/16/2024	0538
7440-36-0	Antimony	1.5	J	12/16/2024	0538
7440-38-2	Arsenic	5.6		12/16/2024	0538
7440-39-3	Barium	74		12/16/2024	0538
7440-41-7	Beryllium	0.34	J	12/16/2024	0538
7440-43-9	Cadmium	0.31	J	12/16/2024	0538
7440-70-2	Calcium	50000		12/16/2024	0538
7440-47-3	Chromium	7.0		12/16/2024	0538
7440-48-4	Cobalt	13	*	12/16/2024	0538
7440-50-8	Copper	14		12/16/2024	0538
7439-89-6	Iron	14000		12/16/2024	0538
7439-92-1	Lead	11		12/16/2024	0538
7439-95-4	Magnesium	11000		12/16/2024	0538
7439-96-5	Manganese	790		12/16/2024	0538
7440-02-0	Nickel	17		12/16/2024	0538
7440-09-7	Potassium	390	J	12/16/2024	0538
7782-49-2	Selenium	3.3	U*	12/16/2024	0538
7440-22-4	Silver	0.94	U*	12/16/2024	0538
7440-23-5	Sodium	470	U	12/16/2024	0538
7440-28-0	Thallium	3.1		12/16/2024	0538
7440-62-2	Vanadium	10		12/16/2024	0538
7440-66-6	Zinc	25		12/16/2024	0538

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MBHKG7

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

Lab Code: ACE Case No.: 51879 MA No. : SDG No.: MBHK52

Matrix: SOIL Lab Sample ID: P5037-20

% Solids: 91.4 Date Received: 11/27/2024

Analytical Method: ICP_AES

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

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	3700		12/16/2024	0542
7440-36-0	Antimony	5.1	U	12/16/2024	0542
7440-38-2	Arsenic	4.8		12/16/2024	0542
7440-39-3	Barium	24		12/16/2024	0542
7440-41-7	Beryllium	0.32	J	12/16/2024	0542
7440-43-9	Cadmium	0.40	J	12/16/2024	0542
7440-70-2	Calcium	110000	D	12/23/2024	1533
7440-47-3	Chromium	6.1		12/16/2024	0542
7440-48-4	Cobalt	12	*	12/16/2024	0542
7440-50-8	Copper	33		12/16/2024	0542
7439-89-6	Iron	10000		12/16/2024	0542
7439-92-1	Lead	30		12/16/2024	0542
7439-95-4	Magnesium	13000		12/16/2024	0542
7439-96-5	Manganese	840		12/16/2024	0542
7440-02-0	Nickel	14		12/16/2024	0542
7440-09-7	Potassium	740		12/16/2024	0542
7782-49-2	Selenium	3.0	U*	12/16/2024	0542
7440-22-4	Silver	0.84	U*	12/16/2024	0542
7440-23-5	Sodium	420	U	12/16/2024	0542
7440-28-0	Thallium	3.9		12/16/2024	0542
7440-62-2	Vanadium	7.5		12/16/2024	0542
7440-66-6	Zinc	35		12/16/2024	0542

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

Comments: