

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME28Y6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-01
% Solids: 83.9 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6300		12/27/2024	2304
7440-70-2	Calcium	59000		12/27/2024	2304
7439-89-6	Iron	17000		12/27/2024	2304
7439-95-4	Magnesium	20000		12/27/2024	2304
7440-09-7	Potassium	1200		12/27/2024	2304
7440-23-5	Sodium	110	J	12/27/2024	2304

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

Comments:

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ME28Y7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-02
% Solids: 81.3 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8700		12/27/2024	2307
7440-70-2	Calcium	40000		12/27/2024	2307
7439-89-6	Iron	29000		12/27/2024	2307
7439-95-4	Magnesium	17000		12/27/2024	2307
7440-09-7	Potassium	1500		12/27/2024	2307
7440-23-5	Sodium	100	J	12/27/2024	2307

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

Comments:

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ME28Y8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-03
% Solids: 82.7 Date Received: 12/12/2024
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	7000		12/27/2024	2311
7440-70-2	Calcium	32000		12/27/2024	2311
7439-89-6	Iron	27000		12/27/2024	2311
7439-95-4	Magnesium	14000		12/27/2024	2311
7440-09-7	Potassium	1100		12/27/2024	2311
7440-23-5	Sodium	87	J	12/27/2024	2311

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

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ME28Y9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-04
% Solids: 79.8 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	6900		12/27/2024	1641
7440-70-2	Calcium	42000		12/27/2024	1641
7439-89-6	Iron	23000		12/27/2024	1641
7439-95-4	Magnesium	22000		12/27/2024	1641
7440-09-7	Potassium	1200		12/27/2024	1641
7440-23-5	Sodium	93	J	12/27/2024	1641

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

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ME28Z0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-05
% Solids: 77.5 Date Received: 12/12/2024
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		12/27/2024	2315
7440-70-2	Calcium	33000		12/27/2024	2315
7439-89-6	Iron	22000		12/27/2024	2315
7439-95-4	Magnesium	16000		12/27/2024	2315
7440-09-7	Potassium	1100		12/27/2024	2315
7440-23-5	Sodium	500	U	12/27/2024	2315

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

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ME28Z1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-06
% Solids: 81.7 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8300		12/27/2024	2319
7440-70-2	Calcium	47000		12/27/2024	2319
7439-89-6	Iron	25000		12/27/2024	2319
7439-95-4	Magnesium	22000		12/27/2024	2319
7440-09-7	Potassium	1500		12/27/2024	2319
7440-23-5	Sodium	100	J	12/27/2024	2319

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

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ME28Z2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-07
% Solids: 80.3 Date Received: 12/12/2024
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		12/27/2024	2323
7440-70-2	Calcium	16000		12/27/2024	2323
7439-89-6	Iron	51000		12/27/2024	2323
7439-95-4	Magnesium	9200		12/27/2024	2323
7440-09-7	Potassium	1000		12/27/2024	2323
7440-23-5	Sodium	530	U	12/27/2024	2323

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

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EPA SAMPLE NO.

ME28Z3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-08
% Solids: 78.3 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7400		12/27/2024	2326
7440-70-2	Calcium	38000		12/27/2024	2326
7439-89-6	Iron	36000		12/27/2024	2326
7439-95-4	Magnesium	17000		12/27/2024	2326
7440-09-7	Potassium	1300		12/27/2024	2326
7440-23-5	Sodium	540	U	12/27/2024	2326

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

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ME28Z4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-09
% Solids: 81.4 Date Received: 12/12/2024
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	7000		12/27/2024	2330
7440-70-2	Calcium	21000		12/27/2024	2330
7439-89-6	Iron	53000		12/27/2024	2330
7439-95-4	Magnesium	10000		12/27/2024	2330
7440-09-7	Potassium	1000		12/27/2024	2330
7440-23-5	Sodium	470	U	12/27/2024	2330

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

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EPA SAMPLE NO.

ME28Z5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-10
% Solids: 79.9 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7400		12/27/2024	2334
7440-70-2	Calcium	23000		12/27/2024	2334
7439-89-6	Iron	45000		12/27/2024	2334
7439-95-4	Magnesium	10000		12/27/2024	2334
7440-09-7	Potassium	1100		12/27/2024	2334
7440-23-5	Sodium	450	U	12/27/2024	2334

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

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ME28Z6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-11
% Solids: 79.1 Date Received: 12/12/2024
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	7700		12/27/2024	2338
7440-70-2	Calcium	32000		12/27/2024	2338
7439-89-6	Iron	49000		12/27/2024	2338
7439-95-4	Magnesium	15000		12/27/2024	2338
7440-09-7	Potassium	1100		12/27/2024	2338
7440-23-5	Sodium	450	U	12/27/2024	2338

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

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ME28Z7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-12
% Solids: 81.5 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4800		12/27/2024	2341
7440-70-2	Calcium	45000		12/27/2024	2341
7439-89-6	Iron	13000		12/27/2024	2341
7439-95-4	Magnesium	6300		12/27/2024	2341
7440-09-7	Potassium	520		12/27/2024	2341
7440-23-5	Sodium	520	U	12/27/2024	2341

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

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ME28Z8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-13
% Solids: 82.5 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5000		12/27/2024	2345
7440-70-2	Calcium	37000		12/27/2024	2345
7439-89-6	Iron	14000		12/27/2024	2345
7439-95-4	Magnesium	6500		12/27/2024	2345
7440-09-7	Potassium	590		12/27/2024	2345
7440-23-5	Sodium	450	U	12/27/2024	2345

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

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ME28Z9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-14
% Solids: 87.6 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	4300		12/27/2024	2349
7440-70-2	Calcium	54000		12/27/2024	2349
7439-89-6	Iron	14000		12/27/2024	2349
7439-95-4	Magnesium	8200		12/27/2024	2349
7440-09-7	Potassium	500		12/27/2024	2349
7440-23-5	Sodium	460	U	12/27/2024	2349

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

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ME2900

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-15
% Solids: 85.2 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	9000		12/27/2024	2353
7440-70-2	Calcium	39000		12/27/2024	2353
7439-89-6	Iron	22000		12/27/2024	2353
7439-95-4	Magnesium	17000		12/27/2024	2353
7440-09-7	Potassium	1600		12/27/2024	2353
7440-23-5	Sodium	99	J	12/27/2024	2353

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

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ME2901

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-16
% Solids: 82.1 Date Received: 12/12/2024
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		12/27/2024	2357
7440-70-2	Calcium	47000		12/27/2024	2357
7439-89-6	Iron	20000		12/27/2024	2357
7439-95-4	Magnesium	20000		12/27/2024	2357
7440-09-7	Potassium	1300		12/27/2024	2357
7440-23-5	Sodium	99	J	12/27/2024	2357

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

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EPA SAMPLE NO.

ME2902

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-17
% Solids: 82.5 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	7900		12/28/2024	0000
7440-70-2	Calcium	23000		12/28/2024	0000
7439-89-6	Iron	37000		12/28/2024	0000
7439-95-4	Magnesium	10000		12/28/2024	0000
7440-09-7	Potassium	980		12/28/2024	0000
7440-23-5	Sodium	450	U	12/28/2024	0000

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

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ME2903

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Y6
Matrix: SOIL Lab Sample ID: P5266-18
% Solids: 68.9 Date Received: 12/12/2024
Analytical Method: ICP_AES
Concentration Units (µg/L, mg/L, mg/kg dry weight, µg, or µg/cm²): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	5600		12/28/2024	0004
7440-70-2	Calcium	44000		12/28/2024	0004
7439-89-6	Iron	130000	D	12/30/2024	2104
7439-95-4	Magnesium	9100		12/28/2024	0004
7440-09-7	Potassium	820		12/28/2024	0004
7440-23-5	Sodium	200	J	12/28/2024	0004

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

Comments:
