

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

A6313

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-01
% Solids: 100 Date Received: 01/31/2025
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	4200		02/02/2025	1406
7440-70-2	Calcium	4600		02/02/2025	1406
7439-89-6	Iron	6000		02/02/2025	1406
7439-95-4	Magnesium	1300		02/02/2025	1406
7440-09-7	Potassium	1000		02/02/2025	1406
7440-23-5	Sodium	330	J	02/02/2025	1406

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

Comments:

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A6314

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-02
% Solids: 100 Date Received: 01/31/2025
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	4300		02/02/2025	1410
7440-70-2	Calcium	4300		02/02/2025	1410
7439-89-6	Iron	6400		02/02/2025	1410
7439-95-4	Magnesium	1400		02/02/2025	1410
7440-09-7	Potassium	1000		02/02/2025	1410
7440-23-5	Sodium	370	J	02/02/2025	1410

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

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A6325

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-03
% Solids: 28.7 Date Received: 01/31/2025
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		02/02/2025	1421
7440-70-2	Calcium	4900		02/02/2025	1421
7439-89-6	Iron	4100		02/02/2025	1421
7439-95-4	Magnesium	620		02/02/2025	1421
7440-09-7	Potassium	290	J	02/02/2025	1421
7440-23-5	Sodium	97	J	02/02/2025	1421

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

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A6326

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-04
% Solids: 37.5 Date Received: 01/31/2025
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	9600		02/02/2025	1425
7440-70-2	Calcium	3000		02/02/2025	1425
7439-89-6	Iron	4600		02/02/2025	1425
7439-95-4	Magnesium	1000	J	02/02/2025	1425
7440-09-7	Potassium	590	J	02/02/2025	1425
7440-23-5	Sodium	1200	U	02/02/2025	1425

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

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A6331

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-05
% Solids: 15.5 Date Received: 01/31/2025
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	8000		02/02/2025	1429
7440-70-2	Calcium	11000		02/02/2025	1429
7439-89-6	Iron	13000		02/02/2025	1429
7439-95-4	Magnesium	2600		02/02/2025	1429
7440-09-7	Potassium	570		02/02/2025	1429
7440-23-5	Sodium	68	J	02/02/2025	1429

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

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A6332

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-06
% Solids: 35.9 Date Received: 01/31/2025
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	18000		02/02/2025	1433
7440-70-2	Calcium	4700		02/02/2025	1433
7439-89-6	Iron	33000		02/02/2025	1433
7439-95-4	Magnesium	5800		02/02/2025	1433
7440-09-7	Potassium	440	J	02/02/2025	1433
7440-23-5	Sodium	1100	U	02/02/2025	1433

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

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A6333

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-07
% Solids: 23.3 Date Received: 01/31/2025
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		02/02/2025	1437
7440-70-2	Calcium	6000		02/02/2025	1437
7439-89-6	Iron	22000		02/02/2025	1437
7439-95-4	Magnesium	3700		02/02/2025	1437
7440-09-7	Potassium	340	J	02/02/2025	1437
7440-23-5	Sodium	140	J	02/02/2025	1437

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

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A6334

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-08
% Solids: 21.3 Date Received: 01/31/2025
Analytical Method: ICP_AES
Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	13000		02/02/2025	1441
7440-70-2	Calcium	5400		02/02/2025	1441
7439-89-6	Iron	21000		02/02/2025	1441
7439-95-4	Magnesium	3400		02/02/2025	1441
7440-09-7	Potassium	290	J	02/02/2025	1441
7440-23-5	Sodium	120	J	02/02/2025	1441

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

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A6342

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-09
% Solids: 61.9 Date Received: 01/31/2025
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		02/02/2025	1250
7440-70-2	Calcium	850		02/02/2025	1250
7439-89-6	Iron	6000		02/02/2025	1250
7439-95-4	Magnesium	1700		02/02/2025	1250
7440-09-7	Potassium	420	J	02/02/2025	1250
7440-23-5	Sodium	160	J	02/02/2025	1250

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

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A6343

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-12
% Solids: 53.1 Date Received: 01/31/2025
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		02/02/2025	1445
7440-70-2	Calcium	810		02/02/2025	1445
7439-89-6	Iron	8200		02/02/2025	1445
7439-95-4	Magnesium	1800		02/02/2025	1445
7440-09-7	Potassium	320	J	02/02/2025	1445
7440-23-5	Sodium	210	J	02/02/2025	1445

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

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A6344

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-13
% Solids: 38.1 Date Received: 01/31/2025
Analytical Method: ICP_AES
Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	8100		02/02/2025	1449
7440-70-2	Calcium	2500		02/02/2025	1449
7439-89-6	Iron	9200		02/02/2025	1449
7439-95-4	Magnesium	2200		02/02/2025	1449
7440-09-7	Potassium	590	J	02/02/2025	1449
7440-23-5	Sodium	1100	U	02/02/2025	1449

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

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A6345

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-14
% Solids: 33.4 Date Received: 01/31/2025
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	16000		02/02/2025	1453
7440-70-2	Calcium	3100		02/02/2025	1453
7439-89-6	Iron	16000		02/02/2025	1453
7439-95-4	Magnesium	4100		02/02/2025	1453
7440-09-7	Potassium	990	J	02/02/2025	1453
7440-23-5	Sodium	1300	U	02/02/2025	1453

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

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A6346

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-15
% Solids: 67.6 Date Received: 01/31/2025
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	5600		02/02/2025	1457
7440-70-2	Calcium	1200		02/02/2025	1457
7439-89-6	Iron	7300		02/02/2025	1457
7439-95-4	Magnesium	1800		02/02/2025	1457
7440-09-7	Potassium	750		02/02/2025	1457
7440-23-5	Sodium	600	U	02/02/2025	1457

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

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A6347

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6313
Matrix: SOIL Lab Sample ID: Q1246-16
% Solids: 52.4 Date Received: 01/31/2025
Analytical Method: ICP_AES
Concentration Units ($\mu\text{g/L}$, mg/L , mg/kg dry weight, μg , or $\mu\text{g/cm}^2$): mg/kg

CAS No.	Analyte	Concentration	Q	Date Analyzed	Time Analyzed
7429-90-5	Aluminum	13000		02/02/2025	1501
7440-70-2	Calcium	980		02/02/2025	1501
7439-89-6	Iron	13000		02/02/2025	1501
7439-95-4	Magnesium	3200		02/02/2025	1501
7440-09-7	Potassium	400	J	02/02/2025	1501
7440-23-5	Sodium	120	J	02/02/2025	1501

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

Comments:
