

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

A6301

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-01
% Solids: 26.4 Date Received: 01/30/2025
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	8200		02/02/2025	1305
7440-70-2	Calcium	6500		02/02/2025	1305
7439-89-6	Iron	34000		02/02/2025	1305
7439-95-4	Magnesium	800		02/02/2025	1305
7440-09-7	Potassium	260	J	02/02/2025	1305
7440-23-5	Sodium	110	J	02/02/2025	1305

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

Comments:

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A6302

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-02
% Solids: 23.8 Date Received: 01/30/2025
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	5100		02/02/2025	1309
7440-70-2	Calcium	12000		02/02/2025	1309
7439-89-6	Iron	31000		02/02/2025	1309
7439-95-4	Magnesium	680		02/02/2025	1309
7440-09-7	Potassium	480		02/02/2025	1309
7440-23-5	Sodium	150	J	02/02/2025	1309

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

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A6303

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-03
% Solids: 52.2 Date Received: 01/30/2025
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	5500		02/02/2025	1313
7440-70-2	Calcium	1700		02/02/2025	1313
7439-89-6	Iron	14000		02/02/2025	1313
7439-95-4	Magnesium	1700		02/02/2025	1313
7440-09-7	Potassium	240	J	02/02/2025	1313
7440-23-5	Sodium	730	U	02/02/2025	1313

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

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A6304

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-04
% Solids: 50.8 Date Received: 01/30/2025
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	5700		02/02/2025	1317
7440-70-2	Calcium	1600		02/02/2025	1317
7439-89-6	Iron	15000		02/02/2025	1317
7439-95-4	Magnesium	1800		02/02/2025	1317
7440-09-7	Potassium	210	J	02/02/2025	1317
7440-23-5	Sodium	850	U	02/02/2025	1317

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

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A6305

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-05
% Solids: 24.3 Date Received: 01/30/2025
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	1234
7440-70-2	Calcium	11000		02/02/2025	1234
7439-89-6	Iron	27000		02/02/2025	1234
7439-95-4	Magnesium	2400		02/02/2025	1234
7440-09-7	Potassium	710		02/02/2025	1234
7440-23-5	Sodium	1700		02/02/2025	1234

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

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A6306

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-08
% Solids: 69 Date Received: 01/30/2025
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	7000		02/02/2025	1321
7440-70-2	Calcium	830		02/02/2025	1321
7439-89-6	Iron	14000		02/02/2025	1321
7439-95-4	Magnesium	2100		02/02/2025	1321
7440-09-7	Potassium	660		02/02/2025	1321
7440-23-5	Sodium	650	U	02/02/2025	1321

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

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A6307

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-09
% Solids: 24.7 Date Received: 01/30/2025
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	8500		02/02/2025	1325
7440-70-2	Calcium	840		02/02/2025	1325
7439-89-6	Iron	10000		02/02/2025	1325
7439-95-4	Magnesium	940		02/02/2025	1325
7440-09-7	Potassium	210	J	02/02/2025	1325
7440-23-5	Sodium	150	J	02/02/2025	1325

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

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A6308

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-10
% Solids: 44.2 Date Received: 01/30/2025
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	3600		02/02/2025	1329
7440-70-2	Calcium	1200		02/02/2025	1329
7439-89-6	Iron	20000		02/02/2025	1329
7439-95-4	Magnesium	990	J	02/02/2025	1329
7440-09-7	Potassium	560	J	02/02/2025	1329
7440-23-5	Sodium	1000	U	02/02/2025	1329

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

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A6309

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-11
% Solids: 64.9 Date Received: 01/30/2025
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	4000		02/02/2025	1333
7440-70-2	Calcium	1300		02/02/2025	1333
7439-89-6	Iron	11000		02/02/2025	1333
7439-95-4	Magnesium	1700		02/02/2025	1333
7440-09-7	Potassium	370	J	02/02/2025	1333
7440-23-5	Sodium	220	J	02/02/2025	1333

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

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A6320

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-12
% Solids: 84 Date Received: 01/30/2025
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	6400		02/02/2025	1346
7440-70-2	Calcium	720		02/02/2025	1346
7439-89-6	Iron	5800		02/02/2025	1346
7439-95-4	Magnesium	1700		02/02/2025	1346
7440-09-7	Potassium	290	J	02/02/2025	1346
7440-23-5	Sodium	73	J	02/02/2025	1346

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

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A6321

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-13
% Solids: 47.9 Date Received: 01/30/2025
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	10000		02/02/2025	1350
7440-70-2	Calcium	1900		02/02/2025	1350
7439-89-6	Iron	12000		02/02/2025	1350
7439-95-4	Magnesium	2700		02/02/2025	1350
7440-09-7	Potassium	940		02/02/2025	1350
7440-23-5	Sodium	230	J	02/02/2025	1350

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

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A6322

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-14
% Solids: 12.9 Date Received: 01/30/2025
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	11000		02/02/2025	1354
7440-70-2	Calcium	6600		02/02/2025	1354
7439-89-6	Iron	84000	D	02/02/2025	1513
7439-95-4	Magnesium	2600		02/02/2025	1354
7440-09-7	Potassium	1200		02/02/2025	1354
7440-23-5	Sodium	830		02/02/2025	1354

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

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A6323

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-15
% Solids: 28.3 Date Received: 01/30/2025
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	5200		02/02/2025	1358
7440-70-2	Calcium	1200		02/02/2025	1358
7439-89-6	Iron	7400		02/02/2025	1358
7439-95-4	Magnesium	1200		02/02/2025	1358
7440-09-7	Potassium	340	J	02/02/2025	1358
7440-23-5	Sodium	170	J	02/02/2025	1358

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

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A6324

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51952 MA No. : SDG No.: A6301
Matrix: SOIL Lab Sample ID: Q1223-16
% Solids: 25.5 Date Received: 01/30/2025
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	7500		02/02/2025	1402
7440-70-2	Calcium	10000		02/02/2025	1402
7439-89-6	Iron	9600		02/02/2025	1402
7439-95-4	Magnesium	2100		02/02/2025	1402
7440-09-7	Potassium	470		02/02/2025	1402
7440-23-5	Sodium	610		02/02/2025	1402

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

Comments:
