

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8C3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-19
% Solids: 92.9 Date Received: 01/22/2025
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	*	01/24/2025	2309
7440-70-2	Calcium	2300	*	01/24/2025	2309
7439-89-6	Iron	43000	*	01/24/2025	2309
7439-95-4	Magnesium	6700	*	01/24/2025	2309
7440-09-7	Potassium	690		01/24/2025	2309
7440-23-5	Sodium	59	J	01/24/2025	2309

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8D0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-21
% Solids: 88.8 Date Received: 01/22/2025
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	13000	*	01/24/2025	2314
7440-70-2	Calcium	2600	*	01/24/2025	2314
7439-89-6	Iron	28000	*	01/24/2025	2314
7439-95-4	Magnesium	6800	*	01/24/2025	2314
7440-09-7	Potassium	360	J	01/24/2025	2314
7440-23-5	Sodium	84	J	01/24/2025	2314

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8D2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-17
% Solids: 93.5 Date Received: 01/22/2025
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	9300	*	01/24/2025	2301
7440-70-2	Calcium	910	*	01/24/2025	2301
7439-89-6	Iron	18000	*	01/24/2025	2301
7439-95-4	Magnesium	7300	*	01/24/2025	2301
7440-09-7	Potassium	430	J	01/24/2025	2301
7440-23-5	Sodium	470	U	01/24/2025	2301

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8D4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-18
% Solids: 84.7 Date Received: 01/22/2025
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	*	01/24/2025	2305
7440-70-2	Calcium	2300	*	01/24/2025	2305
7439-89-6	Iron	35000	*	01/24/2025	2305
7439-95-4	Magnesium	4600	*	01/24/2025	2305
7440-09-7	Potassium	130	J	01/24/2025	2305
7440-23-5	Sodium	470	U	01/24/2025	2305

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8E3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-11
% Solids: 74.3 Date Received: 01/22/2025
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	*	01/24/2025	2238
7440-70-2	Calcium	3800	*	01/24/2025	2238
7439-89-6	Iron	48000	*	01/24/2025	2238
7439-95-4	Magnesium	4200	*	01/24/2025	2238
7440-09-7	Potassium	1500		01/24/2025	2238
7440-23-5	Sodium	560	U	01/24/2025	2238

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
YE8E4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-12
% Solids: 83.3 Date Received: 01/22/2025
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	*	01/24/2025	2242
7440-70-2	Calcium	2600	*	01/24/2025	2242
7439-89-6	Iron	44000	*	01/24/2025	2242
7439-95-4	Magnesium	4200	*	01/24/2025	2242
7440-09-7	Potassium	420	J	01/24/2025	2242
7440-23-5	Sodium	87	J	01/24/2025	2242

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8E5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-13
% Solids: 78.9 Date Received: 01/22/2025
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	*	01/24/2025	2246
7440-70-2	Calcium	3500	*	01/24/2025	2246
7439-89-6	Iron	36000	*	01/24/2025	2246
7439-95-4	Magnesium	4500	*	01/24/2025	2246
7440-09-7	Potassium	200	J	01/24/2025	2246
7440-23-5	Sodium	120	J	01/24/2025	2246

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8E6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-14
% Solids: 90.1 Date Received: 01/22/2025
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	6500	*	01/24/2025	2250
7440-70-2	Calcium	2800	*	01/24/2025	2250
7439-89-6	Iron	29000	*	01/24/2025	2250
7439-95-4	Magnesium	3900	*	01/24/2025	2250
7440-09-7	Potassium	970		01/24/2025	2250
7440-23-5	Sodium	450	U	01/24/2025	2250

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.
YE8E7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-15
% Solids: 93.7 Date Received: 01/22/2025
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	*	01/24/2025	2254
7440-70-2	Calcium	2400	*	01/24/2025	2254
7439-89-6	Iron	32000	*	01/24/2025	2254
7439-95-4	Magnesium	7700	*	01/24/2025	2254
7440-09-7	Potassium	590		01/24/2025	2254
7440-23-5	Sodium	420	U	01/24/2025	2254

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8E8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-16
% Solids: 85.4 Date Received: 01/22/2025
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	13000	*	01/24/2025	2258
7440-70-2	Calcium	2800	*	01/24/2025	2258
7439-89-6	Iron	36000	*	01/24/2025	2258
7439-95-4	Magnesium	8300	*	01/24/2025	2258
7440-09-7	Potassium	1300		01/24/2025	2258
7440-23-5	Sodium	510	U	01/24/2025	2258

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8F5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-01
% Solids: 95.9 Date Received: 01/18/2025
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	*	01/24/2025	2144
7440-70-2	Calcium	4100	*	01/24/2025	2144
7439-89-6	Iron	39000	*	01/24/2025	2144
7439-95-4	Magnesium	8500	*	01/24/2025	2144
7440-09-7	Potassium	2200		01/24/2025	2144
7440-23-5	Sodium	61	J	01/24/2025	2144

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8F7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-02
% Solids: 91.2 Date Received: 01/18/2025
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	14000	*	01/24/2025	2148
7440-70-2	Calcium	2100	*	01/24/2025	2148
7439-89-6	Iron	42000	*	01/24/2025	2148
7439-95-4	Magnesium	6100	*	01/24/2025	2148
7440-09-7	Potassium	1700		01/24/2025	2148
7440-23-5	Sodium	470	U	01/24/2025	2148

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

YE8F8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-05
% Solids: 92.9 Date Received: 01/18/2025
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	15000	*	01/24/2025	2205
7440-70-2	Calcium	3900	*	01/24/2025	2205
7439-89-6	Iron	36000	*	01/24/2025	2205
7439-95-4	Magnesium	6900	*	01/24/2025	2205
7440-09-7	Potassium	1100		01/24/2025	2205
7440-23-5	Sodium	450	U	01/24/2025	2205

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8F9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-06
% Solids: 93.7 Date Received: 01/18/2025
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	15000	*	01/24/2025	2209
7440-70-2	Calcium	3900	*	01/24/2025	2209
7439-89-6	Iron	35000	*	01/24/2025	2209
7439-95-4	Magnesium	6800	*	01/24/2025	2209
7440-09-7	Potassium	1100		01/24/2025	2209
7440-23-5	Sodium	440	U	01/24/2025	2209

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8H9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-07
% Solids: 84.1 Date Received: 01/18/2025
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	15000	*	01/24/2025	2213
7440-70-2	Calcium	10000	*	01/24/2025	2213
7439-89-6	Iron	35000	*	01/24/2025	2213
7439-95-4	Magnesium	7600	*	01/24/2025	2213
7440-09-7	Potassium	330	J	01/24/2025	2213
7440-23-5	Sodium	480	U	01/24/2025	2213

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8J0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-08
% Solids: 79.3 Date Received: 01/18/2025
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	15000	*	01/24/2025	2217
7440-70-2	Calcium	3800	*	01/24/2025	2217
7439-89-6	Iron	40000	*	01/24/2025	2217
7439-95-4	Magnesium	5800	*	01/24/2025	2217
7440-09-7	Potassium	2700		01/24/2025	2217
7440-23-5	Sodium	430	U	01/24/2025	2217

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

YE8J1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51955 MA No. : SDG No.: YE8F8
Matrix: SOIL Lab Sample ID: Q1135-10
% Solids: 80.6 Date Received: 01/18/2025
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	16000	*	01/24/2025	2233
7440-70-2	Calcium	4500	*	01/24/2025	2233
7439-89-6	Iron	43000	*	01/24/2025	2233
7439-95-4	Magnesium	9000	*	01/24/2025	2233
7440-09-7	Potassium	1700		01/24/2025	2233
7440-23-5	Sodium	74	J	01/24/2025	2233

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

Comments: