

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28Q6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-01
% Solids: 82.6 Date Received: 12/06/2024
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	7300		12/29/2024	1534
7440-70-2	Calcium	31000		12/29/2024	1534
7439-89-6	Iron	30000		12/29/2024	1534
7439-95-4	Magnesium	6200		12/29/2024	1534
7440-09-7	Potassium	910		12/29/2024	1534
7440-23-5	Sodium	170	J	12/29/2024	1534

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28Q7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-02
% Solids: 89.6 Date Received: 12/06/2024
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	6200		12/29/2024	1537
7440-70-2	Calcium	98000	D	12/30/2024	2131
7439-89-6	Iron	19000		12/29/2024	1537
7439-95-4	Magnesium	13000		12/29/2024	1537
7440-09-7	Potassium	900		12/29/2024	1537
7440-23-5	Sodium	110	J	12/29/2024	1537

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28Q8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-03
% Solids: 92.6 Date Received: 12/06/2024
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	3900		12/29/2024	1541
7440-70-2	Calcium	140000	D	12/30/2024	2135
7439-89-6	Iron	9400		12/29/2024	1541
7439-95-4	Magnesium	53000		12/29/2024	1541
7440-09-7	Potassium	640		12/29/2024	1541
7440-23-5	Sodium	150	J	12/29/2024	1541

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28Q9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-04
% Solids: 94 Date Received: 12/06/2024
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	4500		12/29/2024	1545
7440-70-2	Calcium	54000		12/29/2024	1545
7439-89-6	Iron	12000		12/29/2024	1545
7439-95-4	Magnesium	16000		12/29/2024	1545
7440-09-7	Potassium	310	J	12/29/2024	1545
7440-23-5	Sodium	110	J	12/29/2024	1545

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

EPA SAMPLE NO.

ME28R0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-05
% Solids: 92.3 Date Received: 12/06/2024
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	6100		12/29/2024	1549
7440-70-2	Calcium	55000		12/29/2024	1549
7439-89-6	Iron	17000		12/29/2024	1549
7439-95-4	Magnesium	14000		12/29/2024	1549
7440-09-7	Potassium	600		12/29/2024	1549
7440-23-5	Sodium	100	J	12/29/2024	1549

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28R1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-06
% Solids: 82.7 Date Received: 12/06/2024
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	8100		12/29/2024	1553
7440-70-2	Calcium	58000		12/29/2024	1553
7439-89-6	Iron	19000		12/29/2024	1553
7439-95-4	Magnesium	19000		12/29/2024	1553
7440-09-7	Potassium	1400		12/29/2024	1553
7440-23-5	Sodium	130	J	12/29/2024	1553

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28R2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-07
% Solids: 72.4 Date Received: 12/06/2024
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		12/29/2024	1557
7440-70-2	Calcium	73000		12/29/2024	1557
7439-89-6	Iron	41000		12/29/2024	1557
7439-95-4	Magnesium	8800		12/29/2024	1557
7440-09-7	Potassium	1300		12/29/2024	1557
7440-23-5	Sodium	330	J	12/29/2024	1557

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28T4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-08
% Solids: 81.1 Date Received: 12/10/2024
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	8400		12/29/2024	1600
7440-70-2	Calcium	89000	D	12/30/2024	2139
7439-89-6	Iron	33000		12/29/2024	1600
7439-95-4	Magnesium	25000		12/29/2024	1600
7440-09-7	Potassium	1200		12/29/2024	1600
7440-23-5	Sodium	170	J	12/29/2024	1600

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28T5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-09
% Solids: 77.7 Date Received: 12/10/2024
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		12/29/2024	1604
7440-70-2	Calcium	71000		12/29/2024	1604
7439-89-6	Iron	41000		12/29/2024	1604
7439-95-4	Magnesium	19000		12/29/2024	1604
7440-09-7	Potassium	940		12/29/2024	1604
7440-23-5	Sodium	130	J	12/29/2024	1604

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28T6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-10
% Solids: 81.7 Date Received: 12/10/2024
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		12/29/2024	1608
7440-70-2	Calcium	110000	D	12/30/2024	2143
7439-89-6	Iron	60000		12/29/2024	1608
7439-95-4	Magnesium	38000		12/29/2024	1608
7440-09-7	Potassium	470		12/29/2024	1608
7440-23-5	Sodium	180	J	12/29/2024	1608

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28T7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-11
% Solids: 83 Date Received: 12/10/2024
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		12/29/2024	1612
7440-70-2	Calcium	79000	D	12/30/2024	2147
7439-89-6	Iron	17000		12/29/2024	1612
7439-95-4	Magnesium	26000		12/29/2024	1612
7440-09-7	Potassium	690		12/29/2024	1612
7440-23-5	Sodium	120	J	12/29/2024	1612

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28T8

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-12
% Solids: 84.2 Date Received: 12/10/2024
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	7200		12/29/2024	1616
7440-70-2	Calcium	100000	D	12/30/2024	2150
7439-89-6	Iron	31000		12/29/2024	1616
7439-95-4	Magnesium	34000		12/29/2024	1616
7440-09-7	Potassium	610		12/29/2024	1616
7440-23-5	Sodium	130	J	12/29/2024	1616

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28T9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-13
% Solids: 76.8 Date Received: 12/10/2024
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	9500		12/29/2024	1619
7440-70-2	Calcium	79000	D	12/30/2024	2154
7439-89-6	Iron	81000	D	12/30/2024	2154
7439-95-4	Magnesium	15000		12/29/2024	1619
7440-09-7	Potassium	1100		12/29/2024	1619
7440-23-5	Sodium	250	J	12/29/2024	1619

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28W0

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-14
% Solids: 77.7 Date Received: 12/10/2024
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	8600		12/29/2024	1623
7440-70-2	Calcium	81000		12/29/2024	1623
7439-89-6	Iron	150000	D	12/30/2024	2158
7439-95-4	Magnesium	15000		12/29/2024	1623
7440-09-7	Potassium	820		12/29/2024	1623
7440-23-5	Sodium	340	J	12/29/2024	1623

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28W1

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-15
% Solids: 78.4 Date Received: 12/11/2024
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	11000		12/29/2024	1627
7440-70-2	Calcium	70000		12/29/2024	1627
7439-89-6	Iron	100000	D	12/30/2024	2202
7439-95-4	Magnesium	13000		12/29/2024	1627
7440-09-7	Potassium	1400		12/29/2024	1627
7440-23-5	Sodium	340	J	12/29/2024	1627

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28W2

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-16
% Solids: 75.3 Date Received: 12/11/2024
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	9900		12/29/2024	1631
7440-70-2	Calcium	69000		12/29/2024	1631
7439-89-6	Iron	79000	D	12/30/2024	2206
7439-95-4	Magnesium	16000		12/29/2024	1631
7440-09-7	Potassium	1100		12/29/2024	1631
7440-23-5	Sodium	300	J	12/29/2024	1631

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28W3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-19
% Solids: 78.4 Date Received: 12/11/2024
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		12/29/2024	1654
7440-70-2	Calcium	55000		12/29/2024	1654
7439-89-6	Iron	43000		12/29/2024	1654
7439-95-4	Magnesium	11000		12/29/2024	1654
7440-09-7	Potassium	1600		12/29/2024	1654
7440-23-5	Sodium	140	J	12/29/2024	1654

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28W4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-20
% Solids: 80.8 Date Received: 12/11/2024
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	10000		12/29/2024	1657
7440-70-2	Calcium	43000		12/29/2024	1657
7439-89-6	Iron	29000		12/29/2024	1657
7439-95-4	Magnesium	9800		12/29/2024	1657
7440-09-7	Potassium	1500		12/29/2024	1657
7440-23-5	Sodium	110	J	12/29/2024	1657

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28W5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-21
% Solids: 78.1 Date Received: 12/11/2024
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		12/29/2024	1701
7440-70-2	Calcium	47000		12/29/2024	1701
7439-89-6	Iron	200000	D	12/31/2024	1415
7439-95-4	Magnesium	7700		12/29/2024	1701
7440-09-7	Potassium	540		12/29/2024	1701
7440-23-5	Sodium	300	J	12/29/2024	1701

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

ME28W6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011
Lab Code: ACE Case No.: 51847 MA No. : SDG No.: ME28Q6
Matrix: SOIL Lab Sample ID: P5156-22
% Solids: 77.9 Date Received: 12/11/2024
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	7000		12/29/2024	1705
7440-70-2	Calcium	41000		12/29/2024	1705
7439-89-6	Iron	130000	D	12/30/2024	2225
7439-95-4	Magnesium	7900		12/29/2024	1705
7440-09-7	Potassium	760		12/29/2024	1705
7440-23-5	Sodium	200	J	12/29/2024	1705

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

Comments: