

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYCZR9

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-01

% Solids: 99.3 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.28	J	12/21/2024	0003
7440-38-2	Arsenic	61	*	12/21/2024	0003
7440-39-3	Barium	100		12/21/2024	0003
7440-41-7	Beryllium	0.31	J	12/21/2024	0003
7440-43-9	Cadmium	0.15	J	12/21/2024	0003
7440-47-3	Chromium	25	*	12/21/2024	0003
7440-48-4	Cobalt	12		12/21/2024	0003
7440-50-8	Copper	36		12/21/2024	0003
7439-92-1	Lead	5.4	*	12/21/2024	0003
7440-02-0	Nickel	22		12/21/2024	0003
7782-49-2	Selenium	2.1	U	12/21/2024	0003
7440-22-4	Silver	0.42	U	12/21/2024	0003
7440-28-0	Thallium	0.054	J	12/21/2024	0003
7440-62-2	Vanadium	42		12/21/2024	0003
7440-66-6	Zinc	61		12/21/2024	0003

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

Comments:

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MYCZS3

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-02

% Solids: 88.4 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.075	J	12/21/2024	0006
7440-38-2	Arsenic	25	*	12/21/2024	0006
7440-39-3	Barium	150		12/21/2024	0006
7440-41-7	Beryllium	0.63		12/21/2024	0006
7440-43-9	Cadmium	0.54		12/21/2024	0006
7440-47-3	Chromium	17	*	12/21/2024	0006
7440-48-4	Cobalt	14		12/21/2024	0006
7440-50-8	Copper	75		12/21/2024	0006
7439-92-1	Lead	19	*	12/21/2024	0006
7440-02-0	Nickel	16		12/21/2024	0006
7782-49-2	Selenium	0.33	J	12/21/2024	0006
7440-22-4	Silver	0.15	J	12/21/2024	0006
7440-28-0	Thallium	0.11	J	12/21/2024	0006
7440-62-2	Vanadium	49		12/21/2024	0006
7440-66-6	Zinc	92		12/21/2024	0006

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

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MYCZS4

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-03

% Solids: 91.1 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.060	J	12/21/2024	0009
7440-38-2	Arsenic	15	*	12/21/2024	0009
7440-39-3	Barium	140		12/21/2024	0009
7440-41-7	Beryllium	0.65		12/21/2024	0009
7440-43-9	Cadmium	0.20	J	12/21/2024	0009
7440-47-3	Chromium	27	*	12/21/2024	0009
7440-48-4	Cobalt	12		12/21/2024	0009
7440-50-8	Copper	30		12/21/2024	0009
7439-92-1	Lead	10	*	12/21/2024	0009
7440-02-0	Nickel	21		12/21/2024	0009
7782-49-2	Selenium	2.0	U	12/21/2024	0009
7440-22-4	Silver	0.040	J	12/21/2024	0009
7440-28-0	Thallium	0.14	J	12/21/2024	0009
7440-62-2	Vanadium	43		12/21/2024	0009
7440-66-6	Zinc	47		12/21/2024	0009

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

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MYCZS5

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-04

% Solids: 90.4 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.075	J	12/21/2024	0012
7440-38-2	Arsenic	14	*	12/21/2024	0012
7440-39-3	Barium	120		12/21/2024	0012
7440-41-7	Beryllium	0.60		12/21/2024	0012
7440-43-9	Cadmium	0.17	J	12/21/2024	0012
7440-47-3	Chromium	28	*	12/21/2024	0012
7440-48-4	Cobalt	12		12/21/2024	0012
7440-50-8	Copper	32		12/21/2024	0012
7439-92-1	Lead	9.2	*	12/21/2024	0012
7440-02-0	Nickel	21		12/21/2024	0012
7782-49-2	Selenium	2.5	U	12/21/2024	0012
7440-22-4	Silver	0.50	U	12/21/2024	0012
7440-28-0	Thallium	0.13	J	12/21/2024	0012
7440-62-2	Vanadium	47		12/21/2024	0012
7440-66-6	Zinc	47		12/21/2024	0012

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

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MYCZS6

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-05

% Solids: 89.6 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.051	J	12/21/2024	0015
7440-38-2	Arsenic	16	*	12/21/2024	0015
7440-39-3	Barium	170		12/21/2024	0015
7440-41-7	Beryllium	0.61		12/21/2024	0015
7440-43-9	Cadmium	0.24	J	12/21/2024	0015
7440-47-3	Chromium	26	*	12/21/2024	0015
7440-48-4	Cobalt	16		12/21/2024	0015
7440-50-8	Copper	39		12/21/2024	0015
7439-92-1	Lead	20	*	12/21/2024	0015
7440-02-0	Nickel	24		12/21/2024	0015
7782-49-2	Selenium	2.1	U	12/21/2024	0015
7440-22-4	Silver	0.043	J	12/21/2024	0015
7440-28-0	Thallium	0.14	J	12/21/2024	0015
7440-62-2	Vanadium	53		12/21/2024	0015
7440-66-6	Zinc	67		12/21/2024	0015

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

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MYCZS7

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-06

% Solids: 95.4 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.043	J	12/21/2024	0018
7440-38-2	Arsenic	13	*	12/21/2024	0018
7440-39-3	Barium	130		12/21/2024	0018
7440-41-7	Beryllium	0.59		12/21/2024	0018
7440-43-9	Cadmium	0.19	J	12/21/2024	0018
7440-47-3	Chromium	32	*	12/21/2024	0018
7440-48-4	Cobalt	11		12/21/2024	0018
7440-50-8	Copper	33		12/21/2024	0018
7439-92-1	Lead	9.2	*	12/21/2024	0018
7440-02-0	Nickel	22		12/21/2024	0018
7782-49-2	Selenium	2.0	U	12/21/2024	0018
7440-22-4	Silver	0.39	U	12/21/2024	0018
7440-28-0	Thallium	0.13	J	12/21/2024	0018
7440-62-2	Vanadium	44		12/21/2024	0018
7440-66-6	Zinc	45		12/21/2024	0018

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

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MYD022

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-07

% Solids: 97.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.17	J	12/21/2024	0022
7440-38-2	Arsenic	62	*	12/21/2024	0022
7440-39-3	Barium	100		12/21/2024	0022
7440-41-7	Beryllium	0.43		12/21/2024	0022
7440-43-9	Cadmium	0.21	J	12/21/2024	0022
7440-47-3	Chromium	39	*	12/21/2024	0022
7440-48-4	Cobalt	22		12/21/2024	0022
7440-50-8	Copper	52		12/21/2024	0022
7439-92-1	Lead	8.3	*	12/21/2024	0022
7440-02-0	Nickel	33		12/21/2024	0022
7782-49-2	Selenium	2.0	U	12/21/2024	0022
7440-22-4	Silver	0.39	U	12/21/2024	0022
7440-28-0	Thallium	0.079	J	12/21/2024	0022
7440-62-2	Vanadium	81		12/21/2024	0022
7440-66-6	Zinc	73		12/21/2024	0022

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

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MYD023

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-08

% Solids: 97.8 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.16	J	12/21/2024	0025
7440-38-2	Arsenic	61	*	12/21/2024	0025
7440-39-3	Barium	140		12/21/2024	0025
7440-41-7	Beryllium	0.55		12/21/2024	0025
7440-43-9	Cadmium	0.80		12/21/2024	0025
7440-47-3	Chromium	17	*	12/21/2024	0025
7440-48-4	Cobalt	15		12/21/2024	0025
7440-50-8	Copper	50		12/21/2024	0025
7439-92-1	Lead	44	*	12/21/2024	0025
7440-02-0	Nickel	18		12/21/2024	0025
7782-49-2	Selenium	0.43	J	12/21/2024	0025
7440-22-4	Silver	0.21	J	12/21/2024	0025
7440-28-0	Thallium	0.13	J	12/21/2024	0025
7440-62-2	Vanadium	51		12/21/2024	0025
7440-66-6	Zinc	190		12/21/2024	0025

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

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MYD024

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-09

% Solids: 97.9 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.097	J	12/21/2024	0028
7440-38-2	Arsenic	45	*	12/21/2024	0028
7440-39-3	Barium	140		12/21/2024	0028
7440-41-7	Beryllium	0.54		12/21/2024	0028
7440-43-9	Cadmium	0.54		12/21/2024	0028
7440-47-3	Chromium	17	*	12/21/2024	0028
7440-48-4	Cobalt	15		12/21/2024	0028
7440-50-8	Copper	42		12/21/2024	0028
7439-92-1	Lead	25	*	12/21/2024	0028
7440-02-0	Nickel	19		12/21/2024	0028
7782-49-2	Selenium	0.31	J	12/21/2024	0028
7440-22-4	Silver	0.13	J	12/21/2024	0028
7440-28-0	Thallium	0.13	J	12/21/2024	0028
7440-62-2	Vanadium	51		12/21/2024	0028
7440-66-6	Zinc	130		12/21/2024	0028

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

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MYD025

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-10

% Solids: 97.9 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.13	J	12/21/2024	0031
7440-38-2	Arsenic	40	*	12/21/2024	0031
7440-39-3	Barium	120		12/21/2024	0031
7440-41-7	Beryllium	0.55		12/21/2024	0031
7440-43-9	Cadmium	0.64		12/21/2024	0031
7440-47-3	Chromium	15	*	12/21/2024	0031
7440-48-4	Cobalt	15		12/21/2024	0031
7440-50-8	Copper	45		12/21/2024	0031
7439-92-1	Lead	31	*	12/21/2024	0031
7440-02-0	Nickel	17		12/21/2024	0031
7782-49-2	Selenium	0.30	J	12/21/2024	0031
7440-22-4	Silver	0.15	J	12/21/2024	0031
7440-28-0	Thallium	0.11	J	12/21/2024	0031
7440-62-2	Vanadium	52		12/21/2024	0031
7440-66-6	Zinc	160		12/21/2024	0031

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

Comments:

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MYD026

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-11

% Solids: 97.2 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.15	J	12/21/2024	0034
7440-38-2	Arsenic	29	*	12/21/2024	0034
7440-39-3	Barium	110		12/21/2024	0034
7440-41-7	Beryllium	0.52		12/21/2024	0034
7440-43-9	Cadmium	0.22	J	12/21/2024	0034
7440-47-3	Chromium	26	*	12/21/2024	0034
7440-48-4	Cobalt	16		12/21/2024	0034
7440-50-8	Copper	37		12/21/2024	0034
7439-92-1	Lead	9.1	*	12/21/2024	0034
7440-02-0	Nickel	24		12/21/2024	0034
7782-49-2	Selenium	2.3	U	12/21/2024	0034
7440-22-4	Silver	0.45	U	12/21/2024	0034
7440-28-0	Thallium	0.099	J	12/21/2024	0034
7440-62-2	Vanadium	64		12/21/2024	0034
7440-66-6	Zinc	83		12/21/2024	0034

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

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MYD027

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-12

% Solids: 97 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.063	J	12/21/2024	0037
7440-38-2	Arsenic	31	*	12/21/2024	0037
7440-39-3	Barium	120		12/21/2024	0037
7440-41-7	Beryllium	0.49		12/21/2024	0037
7440-43-9	Cadmium	0.23	J	12/21/2024	0037
7440-47-3	Chromium	25	*	12/21/2024	0037
7440-48-4	Cobalt	17		12/21/2024	0037
7440-50-8	Copper	38		12/21/2024	0037
7439-92-1	Lead	10	*	12/21/2024	0037
7440-02-0	Nickel	24		12/21/2024	0037
7782-49-2	Selenium	2.0	U	12/21/2024	0037
7440-22-4	Silver	0.059	J	12/21/2024	0037
7440-28-0	Thallium	0.087	J	12/21/2024	0037
7440-62-2	Vanadium	59		12/21/2024	0037
7440-66-6	Zinc	78		12/21/2024	0037

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

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MYD033

Lab Name: Alliance Technical Group, LLC Contract: 68HERH20D0011

Lab Code: ACE Case No.: 51779 MA No. : 3225.1 SDG No.: MYCZR9

Matrix: SOIL Lab Sample ID: P5191-13

% Solids: 99 Date Received: 12/06/2024

Analytical Method: ICP_MS

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
7440-36-0	Antimony	0.033	J	12/20/2024	1627
7440-38-2	Arsenic	4.4	*	12/20/2024	1627
7440-39-3	Barium	70	D	12/20/2024	1730
7440-41-7	Beryllium	0.24	J	12/20/2024	1627
7440-43-9	Cadmium	0.074	J	12/20/2024	1627
7440-47-3	Chromium	29	*	12/20/2024	1627
7440-48-4	Cobalt	11	D	12/20/2024	1730
7440-50-8	Copper	32		12/20/2024	1627
7439-92-1	Lead	5.6	*	12/20/2024	1627
7440-02-0	Nickel	23	D	12/20/2024	1730
7782-49-2	Selenium	1.8	U	12/20/2024	1627
7440-22-4	Silver	0.37	U	12/20/2024	1627
7440-28-0	Thallium	0.033	J	12/20/2024	1627
7440-62-2	Vanadium	39	D	12/20/2024	1730
7440-66-6	Zinc	59		12/20/2024	1627

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

Comments:
