

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAL9

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-01

% Solids: 99.1 Date Received: 10/04/2024

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	0.88	J	10/27/2024	0024
7440-38-2	Arsenic	63	*	10/27/2024	0024
7440-39-3	Barium	110		10/27/2024	0024
7440-41-7	Beryllium	0.49	*	10/27/2024	0024
7440-43-9	Cadmium	0.66		10/27/2024	0024
7440-47-3	Chromium	18		10/27/2024	0024
7440-48-4	Cobalt	14		10/27/2024	0024
7440-50-8	Copper	50		10/27/2024	0024
7439-92-1	Lead	35	*	10/27/2024	0024
7440-02-0	Nickel	14		10/27/2024	0024
7782-49-2	Selenium	2.4	U*	10/27/2024	0024
7440-22-4	Silver	0.17	J*	10/27/2024	0024
7440-28-0	Thallium	0.075	J	10/27/2024	0024
7440-62-2	Vanadium	82		10/27/2024	0024
7440-66-6	Zinc	160		10/27/2024	0024

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

Comments:

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MYDAM0

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-02

% Solids: 99.2 Date Received: 10/04/2024

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	1.2		10/27/2024	0027
7440-38-2	Arsenic	57	*	10/27/2024	0027
7440-39-3	Barium	100		10/27/2024	0027
7440-41-7	Beryllium	0.50	*	10/27/2024	0027
7440-43-9	Cadmium	0.61		10/27/2024	0027
7440-47-3	Chromium	22		10/27/2024	0027
7440-48-4	Cobalt	18		10/27/2024	0027
7440-50-8	Copper	47		10/27/2024	0027
7439-92-1	Lead	38	*	10/27/2024	0027
7440-02-0	Nickel	16		10/27/2024	0027
7782-49-2	Selenium	0.37	J*	10/27/2024	0027
7440-22-4	Silver	0.20	J*	10/27/2024	0027
7440-28-0	Thallium	0.078	J	10/27/2024	0027
7440-62-2	Vanadium	110		10/27/2024	0027
7440-66-6	Zinc	150		10/27/2024	0027

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

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MYDAM1

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-03

% Solids: 99.5 Date Received: 10/04/2024

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	0.99		10/27/2024	0030
7440-38-2	Arsenic	58	*	10/27/2024	0030
7440-39-3	Barium	95		10/27/2024	0030
7440-41-7	Beryllium	0.49	*	10/27/2024	0030
7440-43-9	Cadmium	0.61		10/27/2024	0030
7440-47-3	Chromium	18		10/27/2024	0030
7440-48-4	Cobalt	15		10/27/2024	0030
7440-50-8	Copper	50		10/27/2024	0030
7439-92-1	Lead	41	*	10/27/2024	0030
7440-02-0	Nickel	14		10/27/2024	0030
7782-49-2	Selenium	0.33	J*	10/27/2024	0030
7440-22-4	Silver	0.19	J*	10/27/2024	0030
7440-28-0	Thallium	0.071	J	10/27/2024	0030
7440-62-2	Vanadium	88		10/27/2024	0030
7440-66-6	Zinc	150		10/27/2024	0030

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

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MYDAM2

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-04

% Solids: 98.6 Date Received: 10/04/2024

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	1.4		10/27/2024	0033
7440-38-2	Arsenic	120	*	10/27/2024	0033
7440-39-3	Barium	120		10/27/2024	0033
7440-41-7	Beryllium	0.54	*	10/27/2024	0033
7440-43-9	Cadmium	0.80		10/27/2024	0033
7440-47-3	Chromium	18		10/27/2024	0033
7440-48-4	Cobalt	12		10/27/2024	0033
7440-50-8	Copper	49		10/27/2024	0033
7439-92-1	Lead	80	*	10/27/2024	0033
7440-02-0	Nickel	15		10/27/2024	0033
7782-49-2	Selenium	0.79	J*	10/27/2024	0033
7440-22-4	Silver	0.41	J*	10/27/2024	0033
7440-28-0	Thallium	0.098	J	10/27/2024	0033
7440-62-2	Vanadium	60		10/27/2024	0033
7440-66-6	Zinc	240		10/27/2024	0033

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

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MYDAM3

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-05

% Solids: 99 Date Received: 10/04/2024

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	1.2		10/27/2024	0036
7440-38-2	Arsenic	59	*	10/27/2024	0036
7440-39-3	Barium	110		10/27/2024	0036
7440-41-7	Beryllium	0.60	*	10/27/2024	0036
7440-43-9	Cadmium	0.51		10/27/2024	0036
7440-47-3	Chromium	18		10/27/2024	0036
7440-48-4	Cobalt	16		10/27/2024	0036
7440-50-8	Copper	40		10/27/2024	0036
7439-92-1	Lead	37	*	10/27/2024	0036
7440-02-0	Nickel	14		10/27/2024	0036
7782-49-2	Selenium	0.32	J*	10/27/2024	0036
7440-22-4	Silver	0.15	J*	10/27/2024	0036
7440-28-0	Thallium	0.081	J	10/27/2024	0036
7440-62-2	Vanadium	65		10/27/2024	0036
7440-66-6	Zinc	150		10/27/2024	0036

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

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MYDAM4

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-06

% Solids: 99.1 Date Received: 10/04/2024

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	1.0		10/27/2024	0040
7440-38-2	Arsenic	57	*	10/27/2024	0040
7440-39-3	Barium	110		10/27/2024	0040
7440-41-7	Beryllium	0.55	*	10/27/2024	0040
7440-43-9	Cadmium	0.55		10/27/2024	0040
7440-47-3	Chromium	16		10/27/2024	0040
7440-48-4	Cobalt	14		10/27/2024	0040
7440-50-8	Copper	37		10/27/2024	0040
7439-92-1	Lead	40	*	10/27/2024	0040
7440-02-0	Nickel	13		10/27/2024	0040
7782-49-2	Selenium	0.45	J*	10/27/2024	0040
7440-22-4	Silver	0.17	J*	10/27/2024	0040
7440-28-0	Thallium	0.088	J	10/27/2024	0040
7440-62-2	Vanadium	69		10/27/2024	0040
7440-66-6	Zinc	170		10/27/2024	0040

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

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MYDAM5

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-07

% Solids: 99.2 Date Received: 10/04/2024

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	0.92		10/27/2024	0053
7440-38-2	Arsenic	51	*	10/27/2024	0053
7440-39-3	Barium	98		10/27/2024	0053
7440-41-7	Beryllium	0.57	*	10/27/2024	0053
7440-43-9	Cadmium	0.51		10/27/2024	0053
7440-47-3	Chromium	17		10/27/2024	0053
7440-48-4	Cobalt	22		10/27/2024	0053
7440-50-8	Copper	61		10/27/2024	0053
7439-92-1	Lead	33	*	10/27/2024	0053
7440-02-0	Nickel	15		10/27/2024	0053
7782-49-2	Selenium	0.45	J*	10/27/2024	0053
7440-22-4	Silver	0.14	J*	10/27/2024	0053
7440-28-0	Thallium	0.078	J	10/27/2024	0053
7440-62-2	Vanadium	76		10/27/2024	0053
7440-66-6	Zinc	160		10/27/2024	0053

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

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MYDAM6

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-08

% Solids: 99.3 Date Received: 10/04/2024

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	0.91		10/27/2024	0057
7440-38-2	Arsenic	35	*	10/27/2024	0057
7440-39-3	Barium	120		10/27/2024	0057
7440-41-7	Beryllium	0.53	*	10/27/2024	0057
7440-43-9	Cadmium	0.37		10/27/2024	0057
7440-47-3	Chromium	18		10/27/2024	0057
7440-48-4	Cobalt	16		10/27/2024	0057
7440-50-8	Copper	42		10/27/2024	0057
7439-92-1	Lead	20	*	10/27/2024	0057
7440-02-0	Nickel	15		10/27/2024	0057
7782-49-2	Selenium	0.31	J*	10/27/2024	0057
7440-22-4	Silver	0.10	J*	10/27/2024	0057
7440-28-0	Thallium	0.079	J	10/27/2024	0057
7440-62-2	Vanadium	71		10/27/2024	0057
7440-66-6	Zinc	130		10/27/2024	0057

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

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MYDAM7

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-09

% Solids: 99.2 Date Received: 10/04/2024

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	1.2		10/27/2024	0100
7440-38-2	Arsenic	65	*	10/27/2024	0100
7440-39-3	Barium	95		10/27/2024	0100
7440-41-7	Beryllium	0.44	*	10/27/2024	0100
7440-43-9	Cadmium	0.57		10/27/2024	0100
7440-47-3	Chromium	15		10/27/2024	0100
7440-48-4	Cobalt	14		10/27/2024	0100
7440-50-8	Copper	55		10/27/2024	0100
7439-92-1	Lead	50	*	10/27/2024	0100
7440-02-0	Nickel	12		10/27/2024	0100
7782-49-2	Selenium	0.29	J*	10/27/2024	0100
7440-22-4	Silver	0.26	J*	10/27/2024	0100
7440-28-0	Thallium	0.090	J	10/27/2024	0100
7440-62-2	Vanadium	56		10/27/2024	0100
7440-66-6	Zinc	150		10/27/2024	0100

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

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MYDAM8

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-10

% Solids: 98.5 Date Received: 10/04/2024

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	0.69	J	10/27/2024	0103
7440-38-2	Arsenic	27	*	10/27/2024	0103
7440-39-3	Barium	110		10/27/2024	0103
7440-41-7	Beryllium	0.57	*	10/27/2024	0103
7440-43-9	Cadmium	0.16	J	10/27/2024	0103
7440-47-3	Chromium	19		10/27/2024	0103
7440-48-4	Cobalt	18		10/27/2024	0103
7440-50-8	Copper	32		10/27/2024	0103
7439-92-1	Lead	13	*	10/27/2024	0103
7440-02-0	Nickel	15		10/27/2024	0103
7782-49-2	Selenium	2.4	U*	10/27/2024	0103
7440-22-4	Silver	0.087	J*	10/27/2024	0103
7440-28-0	Thallium	0.097	J	10/27/2024	0103
7440-62-2	Vanadium	77		10/27/2024	0103
7440-66-6	Zinc	74		10/27/2024	0103

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

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MYDAM9

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-11

% Solids: 99.3 Date Received: 10/04/2024

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	0.70	J	10/27/2024	0106
7440-38-2	Arsenic	22	*	10/27/2024	0106
7440-39-3	Barium	73	D	10/27/2024	1803
7440-41-7	Beryllium	0.36	J*	10/27/2024	0106
7440-43-9	Cadmium	0.16	J	10/27/2024	0106
7440-47-3	Chromium	12		10/27/2024	0106
7440-48-4	Cobalt	11	D	10/27/2024	1803
7440-50-8	Copper	23		10/27/2024	0106
7439-92-1	Lead	13	*	10/27/2024	0106
7440-02-0	Nickel	12	D	10/27/2024	1803
7782-49-2	Selenium	2.2	U*	10/27/2024	0106
7440-22-4	Silver	0.45	U*	10/27/2024	0106
7440-28-0	Thallium	0.045	J	10/27/2024	0106
7440-62-2	Vanadium	50	D	10/27/2024	1803
7440-66-6	Zinc	79		10/27/2024	0106

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

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MYDAN0

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-14

% Solids: 99.8 Date Received: 10/04/2024

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	1.0		10/27/2024	0122
7440-38-2	Arsenic	44	*	10/27/2024	0122
7440-39-3	Barium	96		10/27/2024	0122
7440-41-7	Beryllium	0.53	*	10/27/2024	0122
7440-43-9	Cadmium	0.38	J	10/27/2024	0122
7440-47-3	Chromium	15		10/27/2024	0122
7440-48-4	Cobalt	14		10/27/2024	0122
7440-50-8	Copper	32		10/27/2024	0122
7439-92-1	Lead	25	*	10/27/2024	0122
7440-02-0	Nickel	13		10/27/2024	0122
7782-49-2	Selenium	2.0	U*	10/27/2024	0122
7440-22-4	Silver	0.12	J*	10/27/2024	0122
7440-28-0	Thallium	0.095	J	10/27/2024	0122
7440-62-2	Vanadium	67		10/27/2024	0122
7440-66-6	Zinc	110		10/27/2024	0122

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

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MYDAN2

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-15

% Solids: 99.2 Date Received: 10/04/2024

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	0.60	J	10/27/2024	0125
7440-38-2	Arsenic	35	*	10/27/2024	0125
7440-39-3	Barium	110		10/27/2024	0125
7440-41-7	Beryllium	0.58	*	10/27/2024	0125
7440-43-9	Cadmium	0.32	J	10/27/2024	0125
7440-47-3	Chromium	20		10/27/2024	0125
7440-48-4	Cobalt	14		10/27/2024	0125
7440-50-8	Copper	31		10/27/2024	0125
7439-92-1	Lead	22	*	10/27/2024	0125
7440-02-0	Nickel	15		10/27/2024	0125
7782-49-2	Selenium	1.9	U*	10/27/2024	0125
7440-22-4	Silver	0.11	J*	10/27/2024	0125
7440-28-0	Thallium	0.083	J	10/27/2024	0125
7440-62-2	Vanadium	62		10/27/2024	0125
7440-66-6	Zinc	110		10/27/2024	0125

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

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MYDAN3

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-16

% Solids: 99 Date Received: 10/04/2024

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	0.96	J	10/27/2024	0128
7440-38-2	Arsenic	38	*	10/27/2024	0128
7440-39-3	Barium	120		10/27/2024	0128
7440-41-7	Beryllium	0.50	J*	10/27/2024	0128
7440-43-9	Cadmium	0.46	J	10/27/2024	0128
7440-47-3	Chromium	14		10/27/2024	0128
7440-48-4	Cobalt	12		10/27/2024	0128
7440-50-8	Copper	62		10/27/2024	0128
7439-92-1	Lead	23	*	10/27/2024	0128
7440-02-0	Nickel	15		10/27/2024	0128
7782-49-2	Selenium	2.5	U*	10/27/2024	0128
7440-22-4	Silver	0.19	J*	10/27/2024	0128
7440-28-0	Thallium	0.086	J	10/27/2024	0128
7440-62-2	Vanadium	50		10/27/2024	0128
7440-66-6	Zinc	110		10/27/2024	0128

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

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MYDAN4

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-17

% Solids: 99 Date Received: 10/04/2024

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	0.56	J	10/27/2024	0131
7440-38-2	Arsenic	30	*	10/27/2024	0131
7440-39-3	Barium	170		10/27/2024	0131
7440-41-7	Beryllium	0.54	*	10/27/2024	0131
7440-43-9	Cadmium	0.27	J	10/27/2024	0131
7440-47-3	Chromium	24		10/27/2024	0131
7440-48-4	Cobalt	18		10/27/2024	0131
7440-50-8	Copper	34		10/27/2024	0131
7439-92-1	Lead	20	*	10/27/2024	0131
7440-02-0	Nickel	22		10/27/2024	0131
7782-49-2	Selenium	1.8	U*	10/27/2024	0131
7440-22-4	Silver	0.062	J*	10/27/2024	0131
7440-28-0	Thallium	0.084	J	10/27/2024	0131
7440-62-2	Vanadium	69		10/27/2024	0131
7440-66-6	Zinc	95		10/27/2024	0131

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAN5

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-18

% Solids: 98.6 Date Received: 10/04/2024

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	0.42	J	10/27/2024	0134
7440-38-2	Arsenic	19	*	10/27/2024	0134
7440-39-3	Barium	130		10/27/2024	0134
7440-41-7	Beryllium	0.73	*	10/27/2024	0134
7440-43-9	Cadmium	0.096	J	10/27/2024	0134
7440-47-3	Chromium	21		10/27/2024	0134
7440-48-4	Cobalt	16		10/27/2024	0134
7440-50-8	Copper	29		10/27/2024	0134
7439-92-1	Lead	9.8	*	10/27/2024	0134
7440-02-0	Nickel	16		10/27/2024	0134
7782-49-2	Selenium	2.1	U*	10/27/2024	0134
7440-22-4	Silver	0.42	U*	10/27/2024	0134
7440-28-0	Thallium	0.091	J	10/27/2024	0134
7440-62-2	Vanadium	74		10/27/2024	0134
7440-66-6	Zinc	60		10/27/2024	0134

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAN6

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-19

% Solids: 98.6 Date Received: 10/04/2024

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	0.59	J	10/27/2024	0143
7440-38-2	Arsenic	19	*	10/27/2024	0143
7440-39-3	Barium	110		10/27/2024	0143
7440-41-7	Beryllium	0.66	*	10/27/2024	0143
7440-43-9	Cadmium	0.11	J	10/27/2024	0143
7440-47-3	Chromium	22		10/27/2024	0143
7440-48-4	Cobalt	15		10/27/2024	0143
7440-50-8	Copper	29		10/27/2024	0143
7439-92-1	Lead	8.7	*	10/27/2024	0143
7440-02-0	Nickel	15		10/27/2024	0143
7782-49-2	Selenium	2.1	U*	10/27/2024	0143
7440-22-4	Silver	0.055	J*	10/27/2024	0143
7440-28-0	Thallium	0.11	J	10/27/2024	0143
7440-62-2	Vanadium	87		10/27/2024	0143
7440-66-6	Zinc	57		10/27/2024	0143

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAN7

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-20

% Solids: 98 Date Received: 10/04/2024

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	0.51	J	10/27/2024	0147
7440-38-2	Arsenic	31	*	10/27/2024	0147
7440-39-3	Barium	110		10/27/2024	0147
7440-41-7	Beryllium	0.73	*	10/27/2024	0147
7440-43-9	Cadmium	0.20	J	10/27/2024	0147
7440-47-3	Chromium	23		10/27/2024	0147
7440-48-4	Cobalt	15		10/27/2024	0147
7440-50-8	Copper	34		10/27/2024	0147
7439-92-1	Lead	15	*	10/27/2024	0147
7440-02-0	Nickel	18		10/27/2024	0147
7782-49-2	Selenium	2.3	U*	10/27/2024	0147
7440-22-4	Silver	0.093	J*	10/27/2024	0147
7440-28-0	Thallium	0.097	J	10/27/2024	0147
7440-62-2	Vanadium	80		10/27/2024	0147
7440-66-6	Zinc	81		10/27/2024	0147

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAN8

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-21

% Solids: 99.6 Date Received: 10/04/2024

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	6.3		10/27/2024	0150
7440-38-2	Arsenic	67	*	10/27/2024	0150
7440-39-3	Barium	83		10/27/2024	0150
7440-41-7	Beryllium	0.62	*	10/27/2024	0150
7440-43-9	Cadmium	0.45		10/27/2024	0150
7440-47-3	Chromium	19		10/27/2024	0150
7440-48-4	Cobalt	17		10/27/2024	0150
7440-50-8	Copper	43		10/27/2024	0150
7439-92-1	Lead	29	*	10/27/2024	0150
7440-02-0	Nickel	14		10/27/2024	0150
7782-49-2	Selenium	0.25	J*	10/27/2024	0150
7440-22-4	Silver	0.14	J*	10/27/2024	0150
7440-28-0	Thallium	0.076	J	10/27/2024	0150
7440-62-2	Vanadium	85		10/27/2024	0150
7440-66-6	Zinc	140		10/27/2024	0150

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAN9

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAL9

Matrix: SOIL Lab Sample ID: P4306-22

% Solids: 94.3 Date Received: 10/04/2024

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	0.46	J	10/27/2024	0200
7440-38-2	Arsenic	19	*	10/27/2024	0200
7440-39-3	Barium	150		10/27/2024	0200
7440-41-7	Beryllium	0.67	*	10/27/2024	0200
7440-43-9	Cadmium	0.14	J	10/27/2024	0200
7440-47-3	Chromium	19		10/27/2024	0200
7440-48-4	Cobalt	19		10/27/2024	0200
7440-50-8	Copper	30		10/27/2024	0200
7439-92-1	Lead	11	*	10/27/2024	0200
7440-02-0	Nickel	16		10/27/2024	0200
7782-49-2	Selenium	1.8	U*	10/27/2024	0200
7440-22-4	Silver	0.047	J*	10/27/2024	0200
7440-28-0	Thallium	0.10	J	10/27/2024	0200
7440-62-2	Vanadium	81		10/27/2024	0200
7440-66-6	Zinc	65		10/27/2024	0200

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

Comments: