

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAQ6

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-01

% Solids: 97.4 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	0.82	J	10/27/2024	2035
7440-38-2	Arsenic	42		10/27/2024	2035
7440-39-3	Barium	140	D	10/27/2024	2101
7440-41-7	Beryllium	0.64	*	10/27/2024	2035
7440-43-9	Cadmium	0.47		10/27/2024	2035
7440-47-3	Chromium	18	*	10/27/2024	2035
7440-48-4	Cobalt	15	D*	10/27/2024	2101
7440-50-8	Copper	36		10/27/2024	2035
7439-92-1	Lead	28		10/27/2024	2035
7440-02-0	Nickel	16	D*	10/27/2024	2101
7782-49-2	Selenium	0.48	J	10/27/2024	2035
7440-22-4	Silver	0.16	J*	10/27/2024	2035
7440-28-0	Thallium	0.11	J	10/27/2024	2035
7440-62-2	Vanadium	63	D*	10/27/2024	2101
7440-66-6	Zinc	140		10/27/2024	2035

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

Comments:

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MYDAR4

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-04

% Solids: 97.6 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	0.50	J	10/27/2024	2118
7440-38-2	Arsenic	24		10/27/2024	2118
7440-39-3	Barium	150		10/27/2024	2118
7440-41-7	Beryllium	0.77	*	10/27/2024	2118
7440-43-9	Cadmium	0.26	J	10/27/2024	2118
7440-47-3	Chromium	22	*	10/27/2024	2118
7440-48-4	Cobalt	15	*	10/27/2024	2118
7440-50-8	Copper	37		10/27/2024	2118
7439-92-1	Lead	12		10/27/2024	2118
7440-02-0	Nickel	18	*	10/27/2024	2118
7782-49-2	Selenium	2.2	U	10/27/2024	2118
7440-22-4	Silver	0.075	J*	10/27/2024	2118
7440-28-0	Thallium	0.11	J	10/27/2024	2118
7440-62-2	Vanadium	85	*	10/27/2024	2118
7440-66-6	Zinc	79		10/27/2024	2118

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

Comments:

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MYDAR5

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-05

% Solids: 98.7 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	1.3		10/27/2024	2127
7440-38-2	Arsenic	63		10/27/2024	2127
7440-39-3	Barium	130		10/27/2024	2127
7440-41-7	Beryllium	0.72	*	10/27/2024	2127
7440-43-9	Cadmium	0.68		10/27/2024	2127
7440-47-3	Chromium	22	*	10/27/2024	2127
7440-48-4	Cobalt	19	*	10/27/2024	2127
7440-50-8	Copper	48		10/27/2024	2127
7439-92-1	Lead	40		10/27/2024	2127
7440-02-0	Nickel	16	*	10/27/2024	2127
7782-49-2	Selenium	0.77	J	10/27/2024	2127
7440-22-4	Silver	0.22	J*	10/27/2024	2127
7440-28-0	Thallium	0.12	J	10/27/2024	2127
7440-62-2	Vanadium	84	*	10/27/2024	2127
7440-66-6	Zinc	170		10/27/2024	2127

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

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MYDAR6

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-06

% 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	1.1		10/27/2024	2131
7440-38-2	Arsenic	29		10/27/2024	2131
7440-39-3	Barium	130		10/27/2024	2131
7440-41-7	Beryllium	0.71	*	10/27/2024	2131
7440-43-9	Cadmium	0.33	J	10/27/2024	2131
7440-47-3	Chromium	20	*	10/27/2024	2131
7440-48-4	Cobalt	15	*	10/27/2024	2131
7440-50-8	Copper	44		10/27/2024	2131
7439-92-1	Lead	16		10/27/2024	2131
7440-02-0	Nickel	25	*	10/27/2024	2131
7782-49-2	Selenium	4.3	UD	10/27/2024	2140
7440-22-4	Silver	0.094	J*	10/27/2024	2131
7440-28-0	Thallium	0.11	J	10/27/2024	2131
7440-62-2	Vanadium	78	*	10/27/2024	2131
7440-66-6	Zinc	98		10/27/2024	2131

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

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MYDAR7

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-07

% 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	0.45	J	10/27/2024	2134
7440-38-2	Arsenic	32		10/27/2024	2134
7440-39-3	Barium	150		10/27/2024	2134
7440-41-7	Beryllium	0.81	*	10/27/2024	2134
7440-43-9	Cadmium	0.32	J	10/27/2024	2134
7440-47-3	Chromium	22	*	10/27/2024	2134
7440-48-4	Cobalt	16	*	10/27/2024	2134
7440-50-8	Copper	33		10/27/2024	2134
7439-92-1	Lead	20		10/27/2024	2134
7440-02-0	Nickel	16	*	10/27/2024	2134
7782-49-2	Selenium	3.6	UD	10/27/2024	2143
7440-22-4	Silver	0.10	J*	10/27/2024	2134
7440-28-0	Thallium	0.11	J	10/27/2024	2134
7440-62-2	Vanadium	82	*	10/27/2024	2134
7440-66-6	Zinc	110		10/27/2024	2134

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

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MYDAR8

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-08

% Solids: 98 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	1.9		10/27/2024	2147
7440-38-2	Arsenic	36		10/27/2024	2147
7440-39-3	Barium	140		10/27/2024	2147
7440-41-7	Beryllium	0.77	*	10/27/2024	2147
7440-43-9	Cadmium	0.64		10/27/2024	2147
7440-47-3	Chromium	21	*	10/27/2024	2147
7440-48-4	Cobalt	19	*	10/27/2024	2147
7440-50-8	Copper	42		10/27/2024	2147
7439-92-1	Lead	23		10/27/2024	2147
7440-02-0	Nickel	19	*	10/27/2024	2147
7782-49-2	Selenium	1.0	JD	10/27/2024	2235
7440-22-4	Silver	0.16	J*	10/27/2024	2147
7440-28-0	Thallium	0.11	J	10/27/2024	2147
7440-62-2	Vanadium	84	*	10/27/2024	2147
7440-66-6	Zinc	180		10/27/2024	2147

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

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MYDAR9

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-09

% Solids: 98.1 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	0.69	J	10/27/2024	2150
7440-38-2	Arsenic	62		10/27/2024	2150
7440-39-3	Barium	150		10/27/2024	2150
7440-41-7	Beryllium	0.76	*	10/27/2024	2150
7440-43-9	Cadmium	0.73		10/27/2024	2150
7440-47-3	Chromium	19	*	10/27/2024	2150
7440-48-4	Cobalt	20	*	10/27/2024	2150
7440-50-8	Copper	53		10/27/2024	2150
7439-92-1	Lead	40		10/27/2024	2150
7440-02-0	Nickel	17	*	10/27/2024	2150
7782-49-2	Selenium	0.60	J	10/27/2024	2150
7440-22-4	Silver	0.21	J*	10/27/2024	2150
7440-28-0	Thallium	0.12	J	10/27/2024	2150
7440-62-2	Vanadium	80	*	10/27/2024	2150
7440-66-6	Zinc	180		10/27/2024	2150

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

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MYDAS0

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-10

% Solids: 98.1 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	0.46	J	10/27/2024	2153
7440-38-2	Arsenic	24		10/27/2024	2153
7440-39-3	Barium	150		10/27/2024	2153
7440-41-7	Beryllium	0.71	*	10/27/2024	2153
7440-43-9	Cadmium	0.24	J	10/27/2024	2153
7440-47-3	Chromium	18	*	10/27/2024	2153
7440-48-4	Cobalt	15	*	10/27/2024	2153
7440-50-8	Copper	37		10/27/2024	2153
7439-92-1	Lead	13		10/27/2024	2153
7440-02-0	Nickel	16	*	10/27/2024	2153
7782-49-2	Selenium	0.54	J	10/27/2024	2153
7440-22-4	Silver	0.10	J*	10/27/2024	2153
7440-28-0	Thallium	0.091	J	10/27/2024	2153
7440-62-2	Vanadium	72	*	10/27/2024	2153
7440-66-6	Zinc	83		10/27/2024	2153

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

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MYDAS1

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-11

% Solids: 97 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	0.57	J	10/27/2024	2156
7440-38-2	Arsenic	35		10/27/2024	2156
7440-39-3	Barium	190		10/27/2024	2156
7440-41-7	Beryllium	0.92	*	10/27/2024	2156
7440-43-9	Cadmium	0.35	J	10/27/2024	2156
7440-47-3	Chromium	21	*	10/27/2024	2156
7440-48-4	Cobalt	15	*	10/27/2024	2156
7440-50-8	Copper	48		10/27/2024	2156
7439-92-1	Lead	19		10/27/2024	2156
7440-02-0	Nickel	17	*	10/27/2024	2156
7782-49-2	Selenium	0.61	J	10/27/2024	2156
7440-22-4	Silver	0.13	J*	10/27/2024	2156
7440-28-0	Thallium	0.079	J	10/27/2024	2156
7440-62-2	Vanadium	68	*	10/27/2024	2156
7440-66-6	Zinc	120		10/27/2024	2156

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

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MYDAS2

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-12

% Solids: 95.1 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	0.70	J	10/27/2024	2200
7440-38-2	Arsenic	33		10/27/2024	2200
7440-39-3	Barium	160		10/27/2024	2200
7440-41-7	Beryllium	0.83	*	10/27/2024	2200
7440-43-9	Cadmium	0.25	J	10/27/2024	2200
7440-47-3	Chromium	25	*	10/27/2024	2200
7440-48-4	Cobalt	14	*	10/27/2024	2200
7440-50-8	Copper	38		10/27/2024	2200
7439-92-1	Lead	21		10/27/2024	2200
7440-02-0	Nickel	18	*	10/27/2024	2200
7782-49-2	Selenium	0.78	J	10/27/2024	2200
7440-22-4	Silver	0.099	J*	10/27/2024	2200
7440-28-0	Thallium	0.085	J	10/27/2024	2200
7440-62-2	Vanadium	69	*	10/27/2024	2200
7440-66-6	Zinc	93		10/27/2024	2200

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

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MYDAS3

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-13

% Solids: 96.4 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	0.51	J	10/27/2024	2203
7440-38-2	Arsenic	27		10/27/2024	2203
7440-39-3	Barium	160		10/27/2024	2203
7440-41-7	Beryllium	0.71	*	10/27/2024	2203
7440-43-9	Cadmium	0.24	J	10/27/2024	2203
7440-47-3	Chromium	20	*	10/27/2024	2203
7440-48-4	Cobalt	15	*	10/27/2024	2203
7440-50-8	Copper	36		10/27/2024	2203
7439-92-1	Lead	13		10/27/2024	2203
7440-02-0	Nickel	18	*	10/27/2024	2203
7782-49-2	Selenium	0.56	J	10/27/2024	2203
7440-22-4	Silver	0.068	J*	10/27/2024	2203
7440-28-0	Thallium	0.090	J	10/27/2024	2203
7440-62-2	Vanadium	65	*	10/27/2024	2203
7440-66-6	Zinc	85		10/27/2024	2203

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

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MYDAS4

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-14

% Solids: 99.7 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	0.28	J	10/27/2024	2206
7440-38-2	Arsenic	24		10/27/2024	2206
7440-39-3	Barium	46		10/27/2024	2206
7440-41-7	Beryllium	0.39	*	10/27/2024	2206
7440-43-9	Cadmium	0.19	J	10/27/2024	2206
7440-47-3	Chromium	48	*	10/27/2024	2206
7440-48-4	Cobalt	27	*	10/27/2024	2206
7440-50-8	Copper	47		10/27/2024	2206
7439-92-1	Lead	5.9		10/27/2024	2206
7440-02-0	Nickel	36	*	10/27/2024	2206
7782-49-2	Selenium	3.6	UD	10/27/2024	2238
7440-22-4	Silver	0.072	J*	10/27/2024	2206
7440-28-0	Thallium	0.051	J	10/27/2024	2206
7440-62-2	Vanadium	84	*	10/27/2024	2206
7440-66-6	Zinc	68		10/27/2024	2206

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

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MYDAS5

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-15

% Solids: 98.7 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	0.34	J	10/27/2024	2209
7440-38-2	Arsenic	18		10/27/2024	2209
7440-39-3	Barium	51		10/27/2024	2209
7440-41-7	Beryllium	0.38	*	10/27/2024	2209
7440-43-9	Cadmium	0.20	J	10/27/2024	2209
7440-47-3	Chromium	42	*	10/27/2024	2209
7440-48-4	Cobalt	23	*	10/27/2024	2209
7440-50-8	Copper	61		10/27/2024	2209
7439-92-1	Lead	4.5		10/27/2024	2209
7440-02-0	Nickel	33	*	10/27/2024	2209
7782-49-2	Selenium	0.37	J	10/27/2024	2209
7440-22-4	Silver	0.057	J*	10/27/2024	2209
7440-28-0	Thallium	0.053	J	10/27/2024	2209
7440-62-2	Vanadium	84	*	10/27/2024	2209
7440-66-6	Zinc	66		10/27/2024	2209

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

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MYDAS6

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-16

% Solids: 97.2 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	0.50	J	10/27/2024	2212
7440-38-2	Arsenic	23		10/27/2024	2212
7440-39-3	Barium	150		10/27/2024	2212
7440-41-7	Beryllium	0.76	*	10/27/2024	2212
7440-43-9	Cadmium	0.23	J	10/27/2024	2212
7440-47-3	Chromium	21	*	10/27/2024	2212
7440-48-4	Cobalt	16	*	10/27/2024	2212
7440-50-8	Copper	38		10/27/2024	2212
7439-92-1	Lead	12		10/27/2024	2212
7440-02-0	Nickel	17	*	10/27/2024	2212
7782-49-2	Selenium	0.63	J	10/27/2024	2212
7440-22-4	Silver	0.058	J*	10/27/2024	2212
7440-28-0	Thallium	0.092	J	10/27/2024	2212
7440-62-2	Vanadium	79	*	10/27/2024	2212
7440-66-6	Zinc	76		10/27/2024	2212

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

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MYDAS7

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-17

% 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	1.1		10/27/2024	2216
7440-38-2	Arsenic	49		10/27/2024	2216
7440-39-3	Barium	110		10/27/2024	2216
7440-41-7	Beryllium	0.60	*	10/27/2024	2216
7440-43-9	Cadmium	0.83		10/27/2024	2216
7440-47-3	Chromium	20	*	10/27/2024	2216
7440-48-4	Cobalt	17	*	10/27/2024	2216
7440-50-8	Copper	70		10/27/2024	2216
7439-92-1	Lead	39		10/27/2024	2216
7440-02-0	Nickel	14	*	10/27/2024	2216
7782-49-2	Selenium	0.53	J	10/27/2024	2216
7440-22-4	Silver	0.19	J*	10/27/2024	2216
7440-28-0	Thallium	0.096	J	10/27/2024	2216
7440-62-2	Vanadium	80	*	10/27/2024	2216
7440-66-6	Zinc	160		10/27/2024	2216

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS8

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-18

% Solids: 95.3 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	0.37	J	10/27/2024	2219
7440-38-2	Arsenic	26	D	10/27/2024	2250
7440-39-3	Barium	210		10/27/2024	2219
7440-41-7	Beryllium	0.89	*	10/27/2024	2219
7440-43-9	Cadmium	0.17	J	10/27/2024	2219
7440-47-3	Chromium	20	*	10/27/2024	2219
7440-48-4	Cobalt	13	*	10/27/2024	2219
7440-50-8	Copper	36		10/27/2024	2219
7439-92-1	Lead	9.0		10/27/2024	2219
7440-02-0	Nickel	15	*	10/27/2024	2219
7782-49-2	Selenium	3.5	UD	10/27/2024	2250
7440-22-4	Silver	0.067	J*	10/27/2024	2219
7440-28-0	Thallium	0.070	J	10/27/2024	2219
7440-62-2	Vanadium	71	*	10/27/2024	2219
7440-66-6	Zinc	60		10/27/2024	2219

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAS9

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-19

% Solids: 98.4 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	0.53	J	10/27/2024	2222
7440-38-2	Arsenic	29		10/27/2024	2222
7440-39-3	Barium	130		10/27/2024	2222
7440-41-7	Beryllium	0.69	*	10/27/2024	2222
7440-43-9	Cadmium	0.46		10/27/2024	2222
7440-47-3	Chromium	21	*	10/27/2024	2222
7440-48-4	Cobalt	15	*	10/27/2024	2222
7440-50-8	Copper	48		10/27/2024	2222
7439-92-1	Lead	17		10/27/2024	2222
7440-02-0	Nickel	17	*	10/27/2024	2222
7782-49-2	Selenium	0.77	JD	10/27/2024	2317
7440-22-4	Silver	0.10	J*	10/27/2024	2222
7440-28-0	Thallium	0.098	J	10/27/2024	2222
7440-62-2	Vanadium	74	*	10/27/2024	2222
7440-66-6	Zinc	110		10/27/2024	2222

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAT0

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-20

% Solids: 97 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	2225
7440-38-2	Arsenic	32		10/27/2024	2225
7440-39-3	Barium	170		10/27/2024	2225
7440-41-7	Beryllium	0.78	*	10/27/2024	2225
7440-43-9	Cadmium	0.34	J	10/27/2024	2225
7440-47-3	Chromium	24	*	10/27/2024	2225
7440-48-4	Cobalt	15	*	10/27/2024	2225
7440-50-8	Copper	42		10/27/2024	2225
7439-92-1	Lead	19		10/27/2024	2225
7440-02-0	Nickel	18	*	10/27/2024	2225
7782-49-2	Selenium	4.0	UD	10/28/2024	1831
7440-22-4	Silver	0.097	J*	10/27/2024	2225
7440-28-0	Thallium	0.11	J	10/27/2024	2225
7440-62-2	Vanadium	70	*	10/27/2024	2225
7440-66-6	Zinc	100		10/27/2024	2225

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAT1

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-21

% Solids: 97.1 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	0.48	J	10/27/2024	2228
7440-38-2	Arsenic	32		10/27/2024	2228
7440-39-3	Barium	140		10/27/2024	2228
7440-41-7	Beryllium	0.76	*	10/27/2024	2228
7440-43-9	Cadmium	0.26	J	10/27/2024	2228
7440-47-3	Chromium	20	*	10/27/2024	2228
7440-48-4	Cobalt	16	*	10/27/2024	2228
7440-50-8	Copper	35		10/27/2024	2228
7439-92-1	Lead	18		10/27/2024	2228
7440-02-0	Nickel	16	*	10/27/2024	2228
7782-49-2	Selenium	0.30	J	10/27/2024	2228
7440-22-4	Silver	0.085	J*	10/27/2024	2228
7440-28-0	Thallium	0.093	J	10/27/2024	2228
7440-62-2	Vanadium	75	*	10/27/2024	2228
7440-66-6	Zinc	98		10/27/2024	2228

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

Comments:

FORM 1 - IN
INORGANIC ANALYSIS DATA SHEET

MYDAT2

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

Lab Code: ACE Case No.: 51772 MA No. : 3225.1 SDG No.: MYDAQ6

Matrix: SOIL Lab Sample ID: P4309-22

% Solids: 95.8 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	0.51	J	10/27/2024	2232
7440-38-2	Arsenic	30		10/27/2024	2232
7440-39-3	Barium	190		10/27/2024	2232
7440-41-7	Beryllium	1.0	*	10/27/2024	2232
7440-43-9	Cadmium	0.24	J	10/27/2024	2232
7440-47-3	Chromium	26	*	10/27/2024	2232
7440-48-4	Cobalt	15	*	10/27/2024	2232
7440-50-8	Copper	37		10/27/2024	2232
7439-92-1	Lead	16		10/27/2024	2232
7440-02-0	Nickel	18	*	10/27/2024	2232
7782-49-2	Selenium	0.58	J	10/27/2024	2232
7440-22-4	Silver	0.090	J*	10/27/2024	2232
7440-28-0	Thallium	0.11	J	10/27/2024	2232
7440-62-2	Vanadium	84	*	10/27/2024	2232
7440-66-6	Zinc	88		10/27/2024	2232

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

Comments:
