



IAS Laboratories

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Date Received: November 05, 2019
Work Order: 19K0015

Submitted By: Arable Soil
Report To: Arable Soil
Project: Arable Soil

Sample Results

Sample Name: Sample 11-05-19
IAS Lab ID: 19K0015-01 (Fertilizer)
ARABLE SOIL

	Result	MRL	Units	Method
Nutrients				
Boron (B)	18.41	<0.10	ppm	EPA 3050B
Calcium (Ca)	0.7737	<0.0005	%	EPA 3050B
Carbon (C) - Total	71.0	<0.0010	%	AOAC 993.13
Cobalt (Co)	498	<0.10	ppm	EPA 3050B
Copper (Cu)	80.5	<0.10	ppm	EPA 3050B
Iron (Fe)	2.19	<0.0001	%	EPA 3050B
Magnesium (Mg)	0.0549	<0.0005	%	EPA 3050B
Manganese (Mn)	180	<0.10	ppm	EPA 3050B
Molybdenum (Mo)	17.5	<0.10	ppm	EPA 3050B
Nickel (Ni)	19.7	<0.10	ppm	EPA 3050B
Nitrogen (N) - Total	0.275	<0.0010	%	AOAC 993.13
Phosphorus (P2O5)	0.201	<0.0003	%	EPA 3050B
Potassium (K2O)	0.112	<0.0005	%	EPA 3050B
Sulfur (S)	1.02	<0.0005	%	EPA 3050B
Zinc (Zn)	411	<0.10	ppm	EPA 3050B

Chemical Properties

Sodium (Na)	0.363	<0.0005	%	EPA 3050B
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Metals

Aluminum (Al)	1340	<0.10	ppm	EPA 3050B
Antimony (Sb)	ND	<0.10	ppm	EPA 3050B
Arsenic (As)	0.56	<0.10	ppm	EPA 3050B
Barium (Ba)	896	<0.10	ppm	EPA 3050B
Beryllium (Be)	ND	<0.10	ppm	EPA 3050B
Cadmium (Cd)	0.22	<0.10	ppm	EPA 3050B
Cerium (Ce)	2.93	<0.10	ppm	EPA 3050B
Chromium (Cr)	28.2	<0.10	ppm	EPA 3050B
Lead (Pb)	19.7	<0.10	ppm	EPA 3050B

MRL: Minimum Reporting Limit

ND: None Detected

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Sample Results

Sample Name: Sample 11-05-19 (Continued)

IAS Lab ID: 19K0015-01 (Fertilizer)

ARABLE SOIL

	Result	MRL	Units	Method
Metals (Continued)				
Lithium (Li)	3.04	<0.10	ppm	EPA 3050B
Mercury (Hg)	4.66	<0.10	ppm	EPA 6020 mod.
Niobium (Nb)	0.5	<0.10	ppm	EPA 3050B
Platinum (Pt)	ND	<0.10	ppm	EPA 3050B
Praseodymium (Pr)	ND	<0.10	ppm	EPA 3050B
Scadium (Sc)	0.24	<0.10	ppm	EPA 3050B
Selenium (Se)	ND	<0.10	ppm	EPA 3050B
Strontium (Sr)	254	<0.10	ppm	EPA 3050B
Terbium (Tb)	ND	<0.10	ppm	EPA 3050B
Thallium (Tl)	ND	<0.10	ppm	EPA 3050B
Thorium (Th)	1840	<0.10	ppm	EPA 3050B
Titanium (Ti)	16.5	<0.10	ppm	EPA 3050B
Uranium (U)	941	<0.10	ppm	EPA 3050B
Vanadium (V)	4.80	<0.10	ppm	EPA 3050B
Yttrium (Y)	1.14	<0.10	ppm	EPA 3050B
Zirconium (Zr)	2.93	<0.10	ppm	EPA 3050B

MRL: Minimum Reporting Limit

ND: None Detected