

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USA

Account #: 7120298-1/1-9667
Group: Dec17B #54
Reporting Date: December 21, 2017

Andrew Brentano
Tiny Farms Inc.
1933 Davis Street, Unit 256, San Leandro CA
Attn: Andrew Brentano

Date Received: 08 Dec. 17
Sample Identification: Cricket Frass
Sample ID #: 7120298 - 1/1

Guaranteed Analysis

pHs (saturated paste)	6.57	units
Total Nitrogen (N)	5.27	%
Ammoniacal Nitrogen	0.09	%
Nitrate Nitrogen	0.00	%
Water Soluble Organic Nitrogen or Other recognized and determined forms of nitrogen	0.51	%
Water Insoluble Organic Nitrogen or Water Insoluble Nitrogen	4.67	%
Available Phosphoric Acid (P2O5)	2.73	%
Total Phosphoric Acid (P2O5)	2.95	%
Insoluble Phosphoric Acid (P2O5)	0.22	%
Soluble Potash (K2O)	2.89	%
Total Potash (K2O)	3.02	%

Secondary and Micronutrients and Trace Metals

Calcium (Ca)	1.3 %	Aluminum (Al)	380 mg/kg
Magnesium (Mg)	0.55 %	Arsenic (As)	< 1.0 mg/kg
Sulfate (SO4-S)	0.17 %	Cadmium (Cd)	< 1.0 mg/kg
Copper (Cu)	0.0013 %	Chromium (Cr)	8.8 mg/kg
Zinc (Zn)	0.0079 %	Cobalt (Co)	< 1.0 mg/kg
Iron (Fe)	0.064 %	Lead (Pb)	1.2 mg/kg
Manganese (Mn)	0.012 %	Mercury (Hg)	< 1.0 mg/kg
Boron (B)	0.0029 %	Molybdenum (Mo)	2.7 mg/kg
Sodium (Na)	0.35 %	Nickel (Ni)	4.6 mg/kg
Chloride (Cl)	0.73 %	Selenium (Se)	< 1.0 mg/kg
Moisture*	13.2 %	Total Carbon (C)	41 %
		Conductivity (EC5)	15000 umhos/cm

Analyst: Assaf Sadeh

*All values are reported on a dry weight basis.



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Guaranteed Analysis

pHs (saturated paste)	6.57	units
Total Nitrogen (N)	4.57	%
Ammoniacal Nitrogen	0.08	%
Nitrate Nitrogen	0.00	%
Water Soluble Organic Nitrogen or Other recognized and determined forms of nitrogen	0.44	%
Water Insoluble Organic Nitrogen or Water Insoluble Nitrogen	4.05	%
Available Phosphoric Acid (P2O5)	2.37	%
Total Phosphoric Acid (P2O5)	2.51	%
Insoluble Phosphoric Acid (P2O5)	0.14	%
Soluble Potash (K2O)	2.51	%
Total Potash (K2O)	2.62	%

Secondary and Micronutrients and Trace Metals

Calcium (Ca)	1.1 %	Aluminum (Al)	330 mg/kg
Magnesium (Mg)	0.48 %	Arsenic (As)	< 1.0 mg/kg
Sulfate (SO4-S)	0.14 %	Cadmium (Cd)	< 1.0 mg/kg
Copper (Cu)	0.0011 %	Chromium (Cr)	7.6 mg/kg
Zinc (Zn)	0.0069 %	Cobalt (Co)	< 1.0 mg/kg
Iron (Fe)	0.056 %	Lead (Pb)	1.0 mg/kg
Manganese (Mn)	0.010 %	Mercury (Hg)	< 1.0 mg/kg
Boron (B)	0.0025 %	Molybdenum (Mo)	2.3 mg/kg
Sodium (Na)	0.30 %	Nickel (Ni)	4.0 mg/kg
Chloride (Cl)	0.63 %	Selenium (Se)	< 1.0 mg/kg
		Total Carbon (C)	36 %
		Conductivity (EC5)	15000 umhos/cm

Analyst: Assaf Sadeh



*All values are reported on an "as received" basis
except Conductivity (EC5).