

# SOIL CONTROL LAB

42 HANGAR WAY  
WATSONVILLE  
CALIFORNIA  
95076  
USA

Account #: 7060629-1/1-2355

Group: Jun17C #39

Reporting Date: June 28, 2017

A-1 Organics - Colorado

16350 WCR 76

Eaton, CO 80615

Attn: Bob Yost

Date 15 Jun. 17

Received:

Sample AZ007

Identification: 061317

ECOGRO

Sample ID #: 7060629 - 1/1

Nutrients	Dry wt.	Stability Indicator:	Biologically
Total Nitrogen:	1.2	<b>CO2 Evolution</b>	Respirometry Available C
Ammonia (NH <sub>4</sub> -N):	110	mg CO <sub>2</sub> -C/g OM/day	2.3 3.3
Nitrate (NO <sub>3</sub> -N):	1.5	mg CO <sub>2</sub> -C/g TS/day	0.75 1.1
Org. Nitrogen (Org.-N):	1.2	<i>Stability Rating</i>	<i>stable stable</i>
Phosphorus (as P <sub>2</sub> O <sub>5</sub> ):	0.36		
Phosphorus (P):	1600	<b>Maturity Indicator: Cucum er Bioassay</b>	
Potassium (as K <sub>2</sub> O):	0.91	Compost:Vermiculite(v:v)	1:2
Potassium (K):	7500	Emergence (%)	100
Calcium (Ca):	2.2	Seedling Vigor (%)	109
Magnesium (Mg):	0.47	<i>Description of Plants</i>	<i>healthy</i>
Sulfate (SO <sub>4</sub> -S):	84		
Boron (Total B):	39	<b>Pathogens</b>	Results Units Rating
Moisture:	0	Fecal Coliform	< 7.5 MPN/g <i>pass</i>
Sodium (Na):	0.10	Salmonella	< 3 MPN/4g <i>pass</i>
Chloride (Cl):	0.25	Date Tested: 15 Jun. 17	
pH Value:	NA		
Bulk Density :	33	<b>Inerts</b>	% by weight
Carbonates (CaCO <sub>3</sub> ):	23	Plastic	< 0.5
Conductivity (EC5):	2.9	Glass	< 0.5
Organic Matter:	33.1	Metal	< 0.5
Organic Carbon:	16.0	Sharps	ND
Ash:	66.9		
C/N Ratio	13		
AgIndex	7		

Metals	Dry wt.	EPA Limit	units
Aluminum (Al):	5000	-	mg/kg
Arsenic (As):	3.7	41	mg/kg
Cadmium (Cd):	< 1.0	39	mg/kg
Chromium (Cr):	13	1200	mg/kg
Cobalt (Co)	3.4	-	mg/kg
Copper (Cu):	28	1500	mg/kg
Iron (Fe):	10000	-	mg/kg
Lead (Pb):	8.4	300	mg/kg
Manganese (Mn):	250	-	mg/kg
Mercury (Hg):	< 1.0	17	mg/kg
Molybdenum (Mo):	1.4	75	mg/kg
Nickel (Ni):	8.3	420	mg/kg
Selenium (Se):	0.90	36	mg/kg
Zinc (Zn):	65	2800	mg/kg

Size Distribution	MM	% by weight
> 50		0.0
25 to 50		0.0
16 to 25	0.0	16 to
9.5 to 16		0.7
6.3 to 9.5		1.8
4.0 to 6.3		4.4
2.0 to 4.0		10.7
< 2.0		82.3

Analyst: Assaf Sadeh



\*Sample was received and handled in accordance with TMECC procedures.