



Environmental Research and Innovation Center
800 Algoma Blvd
Oshkosh, WI 54901-8648
Tel: (920) 424-3148
Fax: (920) 424-0832
www.uwosh.edu/eric


Client: Inland Empire Regional
Composting Authority
Attn: Jeff Ziegenbein
12645 Sixth Street
Rancho Cucamonga, CA
(909) 993-1981

Date Sampled: 7/18/2017
Date Received: 7/25/2017

COMPOST ANALYTICAL DATA SHEET

Product Description: July Compost				
Sample ID: B5358				
Compost Parameters	Reported as	Test Results		Method
Plant Nutrients:	% Weight Basis, mg/kg	% WWB	% DWB	
Nitrogen	Total N	1.60	3.40	Calculation
Phosphorus	P ₂ O ₅	1.70	3.70	TMECC 04.03-A
Potassium (Potash)	K ₂ O	0.18	0.39	TMECC 04.04-A
Calcium	Ca	0.91	1.90	TMECC 04.05-Ca
Magnesium	Mg	0.15	0.33	TMECC 04.05-Mg
Moisture Content	% wet weight basis	53.9		TMECC 03.09-A
Dry Matter Content	% wet weight basis	46.1		TMECC 03.09-A
Organic Matter Content	% dry weight basis	68.5		TMECC 05.07-A
pH	units (at 26°C)	8.3		TMECC 04.11-A
Soluble Salts (electrical conductivity EC ₅)	dS/m (mmhos/cm)	7.7		TMECC 04.10-A
Particle Size or Sieve Size	% under 9.5 mm, dw basis	47		TMECC 02.02-B
Stability Indicator (respirometry)				TMECC 05.08-B
CO ₂ Evolution	mg CO ₂ -C/g OM/day	0.01		STABLE
	mg CO ₂ -C/g TS/day	0.02		
Maturity Indicator (bioassay)				
Percent Emergence	average % control	100		TMECC 05.05-A
Relative Seedling Vigor	average % control	92.9		
Trace Metals (Pass/Fail per USEPA Class A standard, 40 CFR 503.13 Tables 1 and 3)				PASS/FAIL
As	mg/kg, dry wt basis	0.82		Pass
Cd		11.0		
Cu		222.9		
Hg		0.4		
Mo		10.6		
Pb		18.49		
Ni		18.49		
Se		7.4		
Zn		446.6		
TMECC 04.06				

Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR 503.32(a) Limits (mg/kg dw basis) Salmonella <3 MPN/4g of TS or Coliform Bacteria <1000 MPN/gram of TS	Organism	Presence or Absence	PASS/FAIL	
		Fecal Coliform	Absence	Pass	TMECC 04.06

Reviewed By: 
Laboratory Manager

Date Report Created: 8/25/2017
Date Report Sent/Emailed: 8/30/17

WDNR Laboratory ID No. 471183460
WDATCP Lab Certification No. 105-445
EPA ID No. WI01087
STA Lab No. 69