



**US COMPOSTING
COUNCIL**

*Seal of Testing
Assurance*

P&S Excavating / Cayuga Compost

3225 Agard Road

Trumansburg NY 14886

Tel: 607-387-6826

Fax:

Product Name: CC-2023-4

Lab ID: C16183

Report Date: 12/05/2023

Compost Technical Data Sheet

<i>Compost Parameters</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>	<i>Test Results</i>
<i>Plant Nutrients:</i>	<i>%, weight basis</i>	<i>% wet weight basis</i>	<i>% dry weight basis</i>
Nitrogen	Total N	1.38	2.34
Phosphorus	P ₂ O ₅	0.59	1.00
Potassium	K ₂ O	0.55	0.93
Calcium	Ca	2.09	3.56
Magnesium	Mg	0.26	0.45
Moisture Content	%, wet weight basis	41.19	
Organic Matter Content	%, dry weight basis	42.19	
pH	unitless	7.55	
Soluble Salts <i>(electrical conductivity)</i>	dS/m (mmhos/cm)	5.64	
Particle Size	< 9.5 mm	93.65	
Stability Indicator <i>(respirometry)</i> CO ₂ Evolution	mg CO ₂ -C/g TS/day, AND mg CO ₂ -C/g OM/day	0.06 0.17	
Maturity Indicator <i>(bioassay)</i> Percent Emergence, AND Percent Seedling Vigor	% of control %	100.00 100.00	
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS: Fecal Coliform < 1,000 MPN per g of dry solids	
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3	PASS: As, Cd, Cu, Pb, Hg, Mo, Ni, Se, and Zn are less than limits specified by US EPA Class A Standard 40 CFR § 503.13, Tables 1 and 3	

Participants in the US Composting Council's Seal of Testing Assurance Program have shown the commitment to test their compost products on a prescribed basis and provide this data, along with compost end use instructions, as a means to better serve the needs of their compost customers.



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<i>Compost Parameters</i>	<i>Reported as (units of measure)</i>	<i>Test Results</i>
Plant Nutrients:		Not reported
Moisture Content	%, wet weight basis	41.19
Organic Matter Content	%, dry weight basis	42.19
pH	unitless	7.55
Soluble Salts <i>(electrical conductivity)</i>	dS/m (mmhos/cm)	5.64
Particle Size	< 9.5 mm	93.65
Stability Indicator <i>(respirometry)</i> CO ₂ Evolution	mg CO ₂ -C/g TS/day, AND mg CO ₂ -C/g OM/day	0.06 0.17
Maturity Indicator <i>(bioassay)</i> Percent Emergence, AND Percent Seedling Vigor	% of control %	100.00 100.00
Select Pathogens	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.32(a)	PASS: Fecal Coliform < 1,000 MPN per g of dry solids
Trace Metals	PASS/FAIL: per US EPA Class A standard, 40 CFR § 503.13, Tables 1 and 3	PASS: As, Cd, Cu, Pb, Hg, Mo, Ni, Se, and Zn are less than limits specified by US EPA Class A Standard 40 CFR § 503.13, Tables 1 and 3

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