



**US COMPOSTING COUNCIL**

*Seal of Testing Assurance*

P&S Excavating / Cayuga compost

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Product Name: CC2021-3

Lab ID: C13704

Report Date: 10/05/2021

## 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	1.00	1.94
Phosphorus	P <sub>2</sub> O <sub>5</sub>	0.47	0.91
Potassium	K <sub>2</sub> O	0.44	0.86
Calcium	Ca	1.90	3.70
Magnesium	Mg	0.22	0.43
Moisture Content	%, wet weight basis	48.53	
Organic Matter Content	%, dry weight basis	38.84	
pH	unitless	8.15	
Soluble Salts <i>(electrical conductivity)</i>	dS/m (mmhos/cm)	3.71	
Particle Size	< 9.5 mm	100.00	
Stability Indicator <i>(respirometry)</i> CO <sub>2</sub> Evolution	mg CO <sub>2</sub> -C/g TS/day, AND mg CO <sub>2</sub> -C/g OM/day	0.19 0.49	
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.*

Original sample (C13704), collected 9/15/2021 @ 8:54 AM. Arrived 9/16/2021 @ 10:40 AM, on ice, 16.8 °C.

Fecal coliform tested on C1844, collected 10/26/21 @ 8:24 AM. Arrived 10/28/2021 @ 11:20 AM, on ice, 11.4 °C