



**US COMPOSTING
COUNCIL**

*Seal of Testing
Assurance*

P&S Excavating / Cayuga Compost
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Product Name: 2019C2
Lab ID: C11695

Report Date: 07/24/2019

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	1.18	1.89
Phosphorus	P ₂ O ₅	0.44	0.71
Potassium	K ₂ O	0.42	0.68
Calcium	Ca	2.33	3.75
Magnesium	Mg	0.27	0.43
Moisture Content	%, wet weight basis	37.70	
Organic Matter Content	%, dry weight basis	28.93	
pH	unitless	7.69	
Soluble Salts <i>(electrical conductivity)</i>	dS/m (mmhos/cm)	3.11	
Particle Size	< 9.5 mm	97.41	
Stability Indicator <i>(respirometry)</i> CO ₂ Evolution	mg CO ₂ -C/g TS/day, AND mg CO ₂ -C/g OM/day	0.12 0.38	
Maturity Indicator <i>(bioassay)</i> Percent Emergence, AND Percent Seedling Vigor	% of control %	86.67 100.00	
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.

Sampled 7/8/2019 @ 7:20 AM. Shipped overnight and on ice. Rec'd 07/09/2019 @ 10:50 AM.