

# Woods End Laboratories, Inc.

290 Belgrade Road, P.O. Box 297  
 Mount Vernon, ME 04352/USA  
 207-293-2457 www.woodsend.com lab@woodsend.com  
 Soil and Compost Testing since 1975

Account: 2639  
 · Steve Googins  
 · Town of Cumberland  
 · 290 Tuttle Rd.  
 · Cumberland Maine 04021

Code: NDA Project: 0  
 Date Received : 05-Jun-2019  
 Date Reported : 20-Jun-2019  
 Lab ID Number : 11110.0  
 Quality Control : nh

## COMPOSITION ANALYSIS

Sample Identification: Compost

VARIABLE MEASURED	Unit	dry basis	as is basis	Notations
Bulk Density .....	lbs·ft <sup>3</sup>	-	39	1045 lbs/yd <sup>3</sup>
Total Solids (dry matter) .....	%	100.0	41.5	830 lbs/ton
Moisture Content .....	%	0.0	58.5	140 gals/ton
Water Holding Capacity ( <i>calc</i> ) .....	%	125	56	133 gals/ton
Inert and Oversize Particles .....	%	↔	9.6	192.0 lbs/ton
pH (sat. paste in H <sub>2</sub> O) .....	-logH <sup>+</sup>	↔	7.03	Near Neutral
Free Carbonates (CO <sub>3</sub> ) .... (Range 1-3)		↔	1	None
Total Organic Matter .....	%	36.5	15.1	303 lbs/ton
Ash Content .....	%	62.1	25.8	
Conductivity (salinity) .....	dS·m <sup>-1</sup>	↔	0.6	V Low
Carbon:Nitrogen (C:N) Ratio ( <i>calc</i> ) w:w		14.3	14.3	Medium
Respiration, Volumetric ... (Solvita 1-8)		↔	6.31	Medium
Ammonia Volatization .... (Solvita 1-5)		↔	4.62	Slight
Compost Maturity Index ... (Value 1-8)		↔	6.0	Early-Cure Compost

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For more explanation of data, see Woods End Laboratories, Inc. [Interpretation Sheet](http://www.woodsend.com) at www.woodsend.com

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## MINERALS ANALYSIS

Sample Identification: Compost

VARIABLE MEASURED	Unit	dry basis	as is basis	pounds/ton <i>as is</i>
<b>..... Mineral Nutrients .....</b>				
Total Nitrogen .....	%	1.378	0.572	11.4 M
<b>..... Extractable &amp; Total Cations .....</b>				
Ammonium (NH <sub>4</sub> -N) <i>soluble</i> .....	ppm	10	4	0.0

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Notes: percent x 10,000 = ppm; ppm = mg/kg;