

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: 3571
 · Mark Cherry
 · Country Oakes
 · 5904 Dixie
 · Clarkston MI 48346

Code: NDA Project: 0
 Date Received : 22-Nov-2024
 Date Reported : 25-Nov-2024
 Lab ID Number : 12762.0
 Quality Control : nh

COMPOSITION ANALYSIS

Sample Identification: Compost Grade A

VARIABLE MEASURED	Unit	dry basis	as is basis	Notations
Bulk Density	lbs·ft ³	-	31	842 lbs/yd ³
Total Solids (dry matter)	%	100.0	55.1	1102 lbs/ton
Moisture Content	%	0.0	44.9	108 gals/ton
Water Holding Capacity (<i>calc</i>)	%	127	56	134 gals/ton
Inert and Oversize Particles	% as is	↔	<0.05	<1 lb/ton
pH (sat. paste in H ₂ O)	-logH ⁺	↔	7.27	Near Neutral
Free Carbonates (CO ₃)	(Range 1-3)	↔	3	Med High
Organic Matter (Volatile Solids)	%	37.1	20.5	V Low
Ash Residue Content	%	62.9	34.6	Med-High
Conductivity (salinity)	dS·m ⁻¹	↔	1.1	Low
Carbon:Nitrogen (C:N) Ratio (<i>calc</i>) w:w		12.0	12.0	Med Low
Respiration, Volumetric ...	(Solvita 1-8)	↔	5.50	Medium
Ammonia Volatization	(Solvita 1-5)	↔	5.00	low or none
Compost Maturity Index ...	(Value 1-8)	↔	5.6	Early-Cure Compost

Form 103-2 Copyright ©2001-2024 WOODS END LABORATORIES, Inc.

NOTE: this report may not be extracted or copied in any form except in entirety as herein presented, unless by specific permission.

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

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: 3571
 · Mark Cherry
 · Country Oakes
 · 5904 Dixie
 · Clarkston MI 48346

Code: NDA Project: 0
 Date Received : 22-Nov-2024
 Date Reported : 25-Nov-2024
 Lab ID Number : 12762.0
 Quality Control : nh

MINERALS ANALYSIS

Sample Identification: Compost Grade A

VARIABLE MEASURED	Unit	dry basis	as is basis	pounds/ton <i>as is</i>
..... Solids and Nutrients.....				
Total Solids (dry matter)	%	100.0	55.1	1102 lbs/ton
Moisture Content	%	0.0	44.9	108 gals/ton
Total Nitrogen	%	1.460	0.804	16.1 M
Phosphorus (P) <i>total</i>	%	0.180	0.099	2.0 L
..... Extractable & Total Cations				
Ammonium (NH ₄ -N) <i>soluble</i>	ppm	109	60	0.1
Potassium (K) <i>total</i>	%	0.68	0.37	7.5
Sodium (Na) <i>total</i>	%	0.08	0.04	0.8
Calcium (Ca) <i>total</i>	%	4.87	2.69	53.7
Magnesium (Mg) <i>total</i>	%	0.97	0.53	10.7

FORM 103-2 Copyright ©2001-2024 WOODS END LABORATORIES

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

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: 3571
 · Mark Cherry
 · Country Oakes
 · 5904 Dixie
 · Clarkston MI 48346

Code: NDA-Project: 0

Date Received : 22-Nov-2024
 Date Reported : 25-Nov-2024
 Lab ID Number : 12762.0

METALS and NON-METALS ANALYSIS

Sample Identification: Compost Grade A

VARIABLE MEASURED	Unit	dry basis	as is basis	lbs/ton Rating <i>as is</i>
Moisture	%	0.0	44.9	
Total Solids	%	100.0	55.1	276 g/liter
Density	(kg·m ³)	-	500	0.50 g/cc
Copper (Cu)	mg·kg ⁻¹	33	18	<0.1 Very Low
Manganese (Mn)	mg·kg ⁻¹	218	120	0.2 Med High
Iron (Fe)	mg·kg ⁻¹	5994	3302	6.6 High
Zinc (Zn)	mg·kg ⁻¹	96	53	0.11 Low
Lead (Pb)	mg·kg ⁻¹	10.9	6.0	5.5 L
Chromium (Cr)	mg·kg ⁻¹	28.3	-	-
Cadmium (Cd)	mg·kg ⁻¹	0.4	< 0.4	n.a
Nickel (Ni)	mg·kg ⁻¹	17	-	-
Arsenic (As)	mg·kg ⁻¹	4	-	-
Mercury (Hg)	mg·kg ⁻¹	< 1	-	-
Selenium (Se)	mg·kg ⁻¹	< 1	-	-

Notes: † "as is" = wet basis; mg·kg⁻¹ = ppm (parts per million); < signifies *less than MLD* (minimum level of detection)

‡ Rating of Metals Based on international standard

‡ Note: Metals Pb, Cr, Cd, Ni in grams/ton under Rating column

Form 103-2 Copyright ©2001-2024 WOODS END LABORATORIES, Inc

END REPORT *****