



Compost Analysis Report

Analytical Lab
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From: TOWN OF CUMBERLAND
290 TUTTLE RD
CUMBERLAND ME 04021

Job# 474
Date Received: 03/24/21
Report Date: 04/12/21

Sample type: Compost

Sample Name: 1

STANDARD ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Total Solids (%)		38.3	
Total Carbon (%)	20.1	7.7	154
Total Nitrogen (%)	0.63	0.24	4.84
Potassium (%)	0.28	0.11	K2O = 2.61
Phosphorus (%)	0.20	0.08	P2O5 = 3.50
Volatile Solids (%)	42.0	16.1	
pH		7.3	
Bulk Density (lbs/cu yd)		800	
Conductivity (mmhos/cm)		1.1	

EXPANDED ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Boron (ppm)	23.9	9.18	0.02
Calcium (%)	0.690	0.260	5.3
Copper (ppm)	16.2	6.21	0.01
Iron (ppm)	4250	1630	3.26
Magnesium (%)	0.240	0.090	1.80
Manganese (ppm)	213	81.6	0.16
Sodium (%)	0.050	0.020	0.38
Zinc (ppm)	68.6	26.3	0.05

MATURITY ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
C:N Ratio		31.9	
NH4-N (ppm)	1.56	0.599	< 0.01
NO3-N (ppm)	1.41	0.54	< 0.01

Suzanne Perron (Assistant Chemist)