



Compost Analysis Report

Analytical Lab
5722 Deering Hall
Orono, ME 04469-5722
(207) 581-2917

From: MICHEAL MAHAR/ BEAR PATH COMPOST LLC
134 WEBBER RD
WEST WHATELY MA 01039

Job# 303
Date Received: 03/25/19
Report Date: 04/12/19

Sample type: Compost

Sample Name: 2019 1

STANDARD ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Total Solids (%)		35.8	
Total Carbon (%)	21.0	7.5	150
Total Nitrogen (%)	1.25	0.45	8.96
Potassium (%)	0.46	0.16	K2O = 3.97
Phosphorus (%)	0.38	0.14	P2O5 = 6.20
Volatile Solids (%)	41.1	14.7	
pH		7.5	
Bulk Density (lbs/cu yd)		980	
Conductivity (mmhos/cm)		1.8	

EXPANDED ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Boron (ppm)	42.3	15.1	0.03
Calcium (%)	1.20	0.420	8.5
Copper (ppm)	39.7	14.2	0.03
Iron (ppm)	11100	3980	7.96
Magnesium (%)	0.530	0.190	3.82
Manganese (ppm)	414	148	0.30
Sodium (%)	0.060	0.020	0.45
Zinc (ppm)	114	40.8	0.08

MATURITY ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Stability (Dewar Rating)		Very Stable	
C:N Ratio		16.8	
NH4-N (ppm)	21.60	7.74	0.02
NO3-N (ppm)	218	78.1	0.16

Suzanne Perron (Assistant Chemist)



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STANDARD ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Total Solids (%)		33.0	
Total Carbon (%)	22.0	7.2	145
Total Nitrogen (%)	1.01	0.33	6.68
Potassium (%)	0.38	0.13	K2O = 3.05
Phosphorus (%)	0.37	0.12	P2O5 = 5.56
Volatile Solids (%)	43.5	14.4	
pH		7.3	
Bulk Density (lbs/cu yd)		970	
Conductivity (mmhos/cm)		1.5	

EXPANDED ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Boron (ppm)	38.2	12.6	0.03
Calcium (%)	1.00	0.350	6.9
Copper (ppm)	33.9	11.2	0.02
Iron (ppm)	9080	3000	6.00
Magnesium (%)	0.470	0.150	3.08
Manganese (ppm)	370	122	0.24
Sodium (%)	0.050	0.020	0.32
Zinc (ppm)	107	35.5	0.07

MATURITY ANALYSIS

Parameter	Dry Basis	As is Basis	Lbs/Ton (as is)
Stability (Dewar Rating)		Very Stable	
C:N Ratio		21.8	
NH4-N (ppm)	<0.03	< 0.010	< 0.01
NO3-N (ppm)	207	68.4	0.14

Suzanne Perron (Assistant Chemist)