



Analysis Report For:				Copy To:		
Ignacio Villa PO Box 624 Buffalo NY 14207				Terra Dumas 124 Coit St Buffalo NY 14206		
LAB ID:	SAMPLE ID:	REPORT DATE:	SAMPLE TYPE:	FEEDSTOCKS	COMPOSTING METHOD	COUNTY
C13072	FP Compost 2021 Composite 2/04	03/12/2021	Finished Compost		Windrow	

## COMPOST ANALYSIS REPORT

*Compost Test 2A*

Analyte	Results (As is basis)		Results (Dry weight basis)	
	(Weight basis)	(Volume Basis)		
pH	7.5	—	—	—
Soluble Salts (1:5 w:w)	1.62 mmhos/cm	—	—	—
Bulk Density	—	1520 lb/yd <sup>3</sup>	—	—
Solids	27.4 %	416 lb/yd <sup>3</sup>	—	—
Moisture	72.6 %	1104 lb/yd <sup>3</sup>	—	—
Organic Matter	15.6 %	238 lb/yd <sup>3</sup>		57.1 %
Total Nitrogen (N)	0.6 %	8.8 lb/yd <sup>3</sup>		2.1 %
Organic Nitrogen <sup>1</sup>	0.6 %	8.8 lb/yd <sup>3</sup>		2.1 %
Ammonium N (NH <sub>4</sub> -N)	< 1.3 mg/kg or < 0.0001 %	< 0.002 lb/yd <sup>3</sup>		< 4.9 mg/kg or < 0.0005 %
Carbon (C)	8.8 %	134 lb/yd <sup>3</sup>		32.3 %
Carbon:Nitrogen (C:N) Ratio	15.20	—		15.20
Phosphorus (as P <sub>2</sub> O <sub>5</sub> ) <sup>3</sup>	0.25 %	3.83 lb/yd <sup>3</sup>		0.92 %
Potassium (as K <sub>2</sub> O) <sup>3</sup>	0.22 %	3.29 lb/yd <sup>3</sup>		0.79 %
Calcium (Ca)	1.45 %	22.05 lb/yd <sup>3</sup>		5.30 %
Magnesium (Mg)	0.17 %	2.65 lb/yd <sup>3</sup>		0.64 %
Sulfur (S)	0.08 %	1.27 lb/yd <sup>3</sup>		0.31 %
Sodium (Na)	212 mg/kg	0.32 lb/yd <sup>3</sup>		773 mg/kg
Aluminum (Al)	1012 mg/kg	1.54 lb/yd <sup>3</sup>		3697 mg/kg
Iron (Fe)	3171 mg/kg	4.85 lb/yd <sup>3</sup>		11585 mg/kg
Manganese (Mn)	231 mg/kg	0.35 lb/yd <sup>3</sup>		843 mg/kg

<sup>1</sup>\*Volume results are calculated on the basis of compost bulk density. Bulk density value was provided by individual who submitted sample.

<sup>2</sup>See comments on back of report.

<sup>3</sup>To convert phosphorus as (P<sub>2</sub>O<sub>5</sub>) into elemental phosphorus (P), divide by 2.29. To convert potassium (as K<sub>2</sub>O) into elemental potassium (K), divide by 1.20.