



Account No. : 1985

Compost (TMECC) Analysis Report

**BRANDT, ANGELINA**  
**ULSTER COUNTY RESOURCE RECOVERY AG**  
**P.O. BOX 6219**  
**KINGSTON NY 12402**

Invoice No. : 1155149  
 Date Received : 12/09/2024  
 Date Analyzed: 12/10/2024

Lab No. : 1904

Results For : PO16916

Sample ID : SCREENED FINISHED COMPOST

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
Organic N, % N	1.88	1.14	37.7	22.9	5.7
Ammonium, % N	0.036	0.0220	0.7	0.4	0.4
Nitrate, % N	< 0.001	0.0000	0.0	0.0	0.0
Total N, % N	1.92	1.17	38.4	23.3	6.1
Phosphorus, % P <sub>2</sub> O <sub>5</sub>	0.74	0.45	14.9	9.0	6.3
Potassium, % K <sub>2</sub> O	1.11	0.67	22.2	13.5	12.1
Sulfur, % S	0.28	0.17	5.5	3.4	1.3
Calcium, % Ca	2.85	1.73	57.1	34.7	24.3
Magnesium, % Mg	0.30	0.18	6.0	3.7	2.6
Sodium, % Na	0.20	0.12	4.1	2.5	2.5
Sodium Adsorption Ratio (SAR)	3.05				
Iron, ppm Fe	5304.4	3221.9	10.6	6.4	4.5
Manganese, ppm Mn	319.6	194.1	0.6	0.4	0.3
Aluminum, ppm Al	2067.0	1255.5	4.1	2.5	1.8
Boron, ppm B	9.5	5.8	0.0	0.0	0.0
Soluble Salts, (EC 1:5) dS/m		2.93			
pH		7.7			
Moisture, %	39.26				
Dry Matter (TS), %	60.74				
Ash, %	26.22	15.93			
Organic Matter LOI 550C, %	73.78	44.81			
Organic Carbon, %	42.79	25.99			
Organic C:N Ratio	22.3				
Bulk Density, lbs / cubic foot		18			
Human Inerts & Plastic Film, %		< 0.1			
STA 503 H.Metal Screen	Pass				

L.D. Severson - AgroLab/Matrix Sciences Inc

1/3/2025

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Results For : PO16916  
 Sample ID : SCREENED FINISHED COMPOST

	Analysis Dry Basis	Analysis As Is Basis	Lbs / Ton		Available First Year
			Dry Basis	As Is Basis	
STA Pathogen Screen		Pass			
Respiration mg CO <sub>2</sub> -C/g OM/day	0.5				
Compost Respiration Stability Index		Very Stable			
Respiration mg CO <sub>2</sub> -C/g TS/day	0.6				
Compost Respiration Stability Index		Very Stable			
Maturity Indicator by Germination					
Emergence %		100			
Maturity		Very Mature			
Seedling Vigor %		100			
Maturity		Very Mature			

"<" - Not Detected / Below Detection Limit

Particle Size Distribution	Sieve Size	Fraction Retained (%)	Total Passing (%)
	25 mm	0.0	100.0
	9.5 mm	0.3	99.7
	No.10 (2 mm)	33.7	66.0
	No.18 (1 mm)	14.3	51.7
	Pan	51.7	0.0

**Note:** The available first year Ammonium-N is calculated based on maximum availability, or incorporation within 24 hours. Advise a nutrient consultant for adjustments beyond 24 hr incorporation.



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**Environmental Sample Analysis Report**

**BRANDT, ANGELINA  
 ULSTER COUNTY RESOURCE RECOVERY AG  
 P.O. BOX 6219  
 KINGSTON NY 12402**

**Invoice No. : 1155157  
 Date Received : 12/09/2024  
 Date Analyzed: 12/10/2024**

**Lab No. : 2081**

Results For : PO16916

Sample ID : SCREENED FINISH COMPOST

Description :

	Analysis		EPA Method Number	Lab. Tech.	Detection Limit
	Solid: Dry Wgt	Liquid: As Rcvd			
Arsenic As, mg/kg	2.06		3050B/6010C	L.D.S	0.01
Cadmium Cd, mg/kg	0.25		3050B/6010C	L.D.S	0.01
Chromium Cr, mg/kg	10.56		3050B/6010C	L.D.S	0.01
Copper Cu, mg/kg	47.10		3050B/6010C	L.D.S	0.01
Molybdenum Mo, mg/kg	1.66		3050B/6010C	L.D.S	0.01
Nickel Ni, mg/kg	8.22		3050B/6010C	L.D.S	0.01
Lead Pb, mg/kg	24.90		3050B/6010C	L.D.S	0.01
Selenium Se, mg/kg	0.26		3050B/6010C	L.D.S	0.01
Zinc Zn, mg/kg	89.39		3050B/6010C	L.D.S	0.01
Mercury Hg, mg/kg	0.005		7473	L.D.S	0.01

**Microbiological Screening**

	Count	Method	Detection Limit
Salmonella MPN of CFU/4g	Not Detected	L. Flow ATEC 13076	Pos/Neg/4g dry wgt