

SOIL CONTROL LAB

42 HANGAR WAY
WATSONVILLE
CALIFORNIA
95076
USAAccount #: 5070424-1/1-6718
Group: Aug25A #28
Reporting Date: August 14, 2025Athens-Clarke County Classic City Compost
5700 Lexington Road
Winterville, GA 30683
Attn: Brad RickardDate Received: 31 Jul. 25
Sample Identification: Compost
Sample ID #: 5070424 - 1/1

Nutrients	Dry wt.	As Rcvd.	units	Stability Indicator:			
Total Nitrogen:	2.6	1.4	%	CO2 Evolution	Respirometry		
Ammonia (NH ₄ -N):	770	430	mg/kg	mg CO ₂ -C/g OM/day	2.0		
Nitrate (NO ₃ -N):	14	7.9	mg/kg	mg CO ₂ -C/g TS/day	1.2		
Org. Nitrogen (Org.-N):	2.5	1.4	%	Stability Rating	very stable		
Phosphorus (as P ₂ O ₅):	2.8	1.6	%				
Phosphorus (P):	12000	6800	mg/kg	Maturity Indicator: Cucumber Bioassay			
Potassium (as K ₂ O):	0.67	0.37	%	Compost:Vermiculite (v:v)	1:2		
Potassium (K):	5500	3100	mg/kg	Emergence (%)	100		
Calcium (Ca):	1.5	0.84	%	Seedling Vigor (%)	82		
Magnesium (Mg):	0.25	0.14	%	Description of Plants	healthy		
Sulfate (SO ₄ -S):	120	66	mg/kg				
Boron (Total B):	24	14	mg/kg	Pathogens	Results	Units	Rating
Moisture:	0	43.8	%	Fecal Coliform	980	MPN/g	pass
Sodium (Na):	0.035	0.019	%	Salmonella	< 3	MPN/4g	pass
Chloride (Cl):	0.029	0.017	%	Date Tested: 31 Jul. 25			
pH Value:	NA	7.83	unit	Physical Contaminants**	% by dry wt		
Bulk Density:	21	36	lb/cu ft	Total Plastic	< 0.1		
Carbonates (CaCO ₃):	2.4	1.3	lb/ton	Film Plastic	< 0.1		
Conductivity (EC5):	2.0	NA	mmhos/cm	Glass	< 0.1		
Organic Matter:	59.9	33.7	%	Metal	< 0.1		
Organic Carbon:	31.0	18.0	%	Sharps	ND		
Ash:	40.1	22.6	%	Total	< 0.5		
C/N Ratio	12	12	ratio				
AgIndex	> 10	> 10	ratio				

Metals	Dry wt.	EPA Limit	units	Size Distribution	
Aluminum (Al):	24000	-	mg/kg	MM	% by weight
Arsenic (As):	2.7	41	mg/kg	> 50	0.0
Cadmium (Cd):	1.1	39	mg/kg	25 to 50	0.0
Chromium (Cr):	31	-	mg/kg	16 to 25	0.0
Cobalt (Co)	5.5	-	mg/kg	9.5 to 16	1.0
Copper (Cu):	110	1500	mg/kg	6.3 to 9.5	5.4
Iron (Fe):	14000	-	mg/kg	4.0 to 6.3	12.5
Lead (Pb):	19	300	mg/kg	2.0 to 4.0	18.5
Manganese (Mn):	590	-	mg/kg	< 2.0	62.6
Mercury (Hg):	< 1.0	17	mg/kg	**Greater than 4mm in size (Sharps greater than 2mm)	
Molybdenum (Mo):	2.3	75	mg/kg		
Nickel (Ni):	14	420	mg/kg		
Selenium (Se):	2.0	100	mg/kg		
Zinc (Zn):	350	2800	mg/kg		

Analyst: Assaf Sadeh



*Sample was received and handled in accordance with TMECC procedures.