Waypoint ANALYTICAL

4741 East Hunter Ave. Suite A
Anaheim, CA 92807
Main 714-282-8777 º Fax 714-282-8575
www.waypointanalytical.com

COMPOST / AMENDMENT EVALUATION

Send To :
Greenwaste-Zanker Landscape Materials
675 Los Esteros Road
San Jose CA 95134

Project :
Mahogany Mini Mulch

Report Number : **26-044-0016**
Customer Number : 01002
Date printed : 02/18/2026
Date received : 02/13/2026
Page : 1 of 2
Lab Number : 80762

Sample Id : **Mahogany Mini Mulch**

Nutrient	Total - Dry Weight	Extractable - Dry Weight	Saturation Extract	Sufficiency Factor
Nitrogen (N)	0.5 %	0 ppm		0
NH_4-N		0 ppm		
NO_3-N		0 ppm		
Phosphorus (P)		96 ppm		0.3
Phosphorus (P_2O_5)		220 ppm		
Potassium (K)		339 ppm	1.3 meq/L	0.5
Potassium (K_2O)		410 ppm		
Calcium (Ca)		2835 ppm	14.7 meq/L	1.5
Magnesium (Mg)		181 ppm	1.9 meq/L	0.5
Sodium (Na)			3.4 meq/L	
Sulfur (S)				
Sulfate (SO_4)			22.0 meq/L	7.3
Chloride (Cl)				
Copper (Cu)		6.0 ppm		6.3
Zinc (Zn)		25 ppm		6.9
Manganese (Mn)		25 ppm		3.0
Iron (Fe)		473 ppm		13.2
Dilute Acid Fe		0.04 %		
Boron (B)			0.92 ppm	3.1

Test	Result
pH (sat paste)	6.5 s.u.
% Half Sat.	258
TEC	73 meq/kg
Qualitative Lime	Low
Salinity (EC of sat ext.)	1.8 dS/m
SAR (Sodium adsorption ratio)	1.19
Sodium as % of ECe	17 %
Bulk Density - Dry	264 lbs/yd³
Bulk Density - As Received	590 lbs/yd³
Moisture - As Received	55.2 %
Organic	93.9 %
Weight of organic / yd³	248 lbs/yd³
Weight of mineral / yd³	16 lbs/yd³
C/N Ratio	112.5

Gradation	
Wt Percent Retained 1"	0.0 %
Wt Percent Retained 1/2"	0.0 %

Fraction Passing 1/2 inch Screen - Dry Weight Basis	
Screen Opening	% Passing
Passing 9.5mm	100.0 %
Passing 6.4mm (1/4")	92.4 %
Passing 4.75mm	73.3 %
Passing 2.36mm	32.8 %
Passing 1.00mm	8.6 %
Passing 0.50mm	3.0 %

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POTENTIAL RATE LIMIT FACTORS

Test	% Volume rate limit	Cubic yard amendment per 1000 sf to 6" (1 2 3 4 5 6 7 8) Volume % amendment blend with sandy loam (5 11 16 22 27 32 38 43)
EC sat. ext.	No Limit	
Sodium sol.	No Limit	
Chloride sol.		
Boron sol.	81 %	
NH_4 -N		
Available		
Nitrogen		
PO_4 P	No Limit	
Copper	63 %	
Zinc	58 %	

Rate limit estimates based on amending a non-problematic sandy loam

RELATIVE IMMEDIATE NUTRIENT AND ORGANIC VALUE

* Example Rate 39 %	Slight	Moderate	Abundant
Nitrogen			
Phosphorus			
Potassium			
Calcium			
Magnesium			
Copper			
Zinc			
Manganese			
Iron			
Sulfate			
Organic Matter			

* If no chemical characteristics are rate limiting, the example rate is based on organic content of the amendment (up to a max of 43%).