Waypoint ANALYTICAL

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COMPOST / AMENDMENT EVALUATION

Send To :	Project :	
Greenwaste-Zanker Landscape Materials 675 Los Esteros Road San Jose CA 95134	Red Mini Mulch	Report Number : **26-044-0022** Customer Number : 01002 Date printed : 02/18/2026 Date received : 02/13/2026 Page : 1 of 2 Lab Number : 80768

Sample Id : **Red Mini Mulch**

Nutrient	Total - Dry Weight	Extractable - Dry Weight	Saturation Extract	Sufficiency Factor
Nitrogen (N)	0.38 %	0 ppm		0
NH_4-N		0 ppm		
NO_3-N		0 ppm		
Phosphorus (P)		28 ppm		0.1
Phosphorus (P_2O_5)		64 ppm		
Potassium (K)		342 ppm	1.1 meq/L	0.4
Potassium (K_2O)		414 ppm		
Calcium (Ca)		1752 ppm	2.7 meq/L	0.8
Magnesium (Mg)		177 ppm	0.7 meq/L	0.4
Sodium (Na)			3.8 meq/L	
Sulfur (S)				
Sulfate (SO_4)			5.5 meq/L	1.8
Chloride (Cl)				
Copper (Cu)		2.5 ppm		2.2
Zinc (Zn)		14 ppm		3.2
Manganese (Mn)		4 ppm		0.5
Iron (Fe)		175 ppm		4.0
Dilute Acid Fe		0.17 %		
Boron (B)			1.30 ppm	4.3

Test	Result
pH (sat paste)	6.0 s.u.
% Half Sat.	299
TEC	89 meq/kg
Qualitative Lime	None
Salinity (EC of sat ext.)	0.7 dS/m
SAR (Sodium adsorption ratio)	2.89
Sodium as % of ECe	47 %
Bulk Density - Dry	246 lbs/yd³
Bulk Density - As Received	624 lbs/yd³
Moisture - As Received	60.5 %
Organic	88.3 %
Weight of organic / yd³	218 lbs/yd³
Weight of mineral / yd³	29 lbs/yd³
C/N Ratio	139.1

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")	91.3 %
Passing 4.75mm	74.2 %
Passing 2.36mm	29.7 %
Passing 1.00mm	5.5 %
Passing 0.50mm	1.8 %

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POTENTIAL RATE LIMIT FACTORS

Test	% Volume rate limit	Cubic yard amendment per 1000 sf to 6" / Volume % amendment blend with sandy loam
		1 (5) · 2 (11) · 3 (16) · 4 (22) · 5 (27) · 6 (32) · 7 (38) · 8 (43)
EC sat. ext.	No Limit	
Sodium sol.	No Limit	
Chloride sol.		
Boron sol.	57 %	
NH_4 -N		
Available		
Nitrogen		
PO_4 P	No Limit	
Copper	No Limit	
Zinc	No Limit	

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

RELATIVE IMMEDIATE NUTRIENT AND ORGANIC VALUE

* Example Rate 43 %	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%).