



# Sunland Analytical

11419 Sunrise Gold Circle, #10  
Rancho Cordova, CA 95742  
(916) 852-8557

Date Reported 07/15/20  
Date Submitted 07/12/20

To: Tom Teriffic  
Great Landscape  
1234 Main St  
Everywhere, CA 99999

From: Gene Oliphant, Ph.D. \ Randy Horney  
General Manager \ Lab Manager

The reported analysis was requested for the following:  
Location : MULCH Site ID : WALNUT. Thank you for your business.  
\* For future reference to this analysis please use SUN # 555427-2111252.

## COMPOST ANALYSIS

Physical Characteristics		Sample analysis on dry weight basis
pH	6.75	% Moisture 45.8
Electrical Conductivity	1.72 mmho/cm	
Total Disolved Salts	1100.8 ppm	
Total Organic Matter	88.41 %	C/N Ratio (est) 34.9
Bulk Density	283 Lb./cu.yd.	Yd/Ton 7.1

### Available Chemical Components

Chemical Analysis	Analytical Results	Results in lb/ton
Nitrate-N	1.73 ppm	<.01
Phosphate-P	655.23 ppm	1.310
Potassium-K	3123.34 ppm	6.25
Sulfur-S	0.99 ppm	<.01
Magnesium	1675.77 ppm	3.35
Calcium	7686.41 ppm	15.37
Sodium	60.37 ppm	0.12
Copper-Cu	15.20 ppm	<.01
Iron-Fe	120.51 ppm	0.24
Manganese-Mn	140.60 ppm	0.281
Zinc-Zn	23.22 ppm	0.046
Boron-B	0.28 ppm	

### Total Chemical Components

Chemical Analysis	Analytical Results	Results in lb/ton
Total-N	1.57 %	31.40
Phosphate-P	0.13 %	2.60
Potassium-K	0.43 %	8.60
Sulfur-S	0.08 %	1.60
Magnesium	0.43 %	8.60
Calcium	1.58 %	31.60
Sodium	.2000000E-1 %	
Copper-Cu	90.65 ppm	0.18
Iron-Fe	9007.10 ppm	18.01
Manganese-Mn	239.88 ppm	0.48
Zinc-Zn	72.44 ppm	0.14