

# Certificate of Analysis

**Sample Name:** Desert Organic Solutions Trainwreck  
**Tested for:** City of Palm Springs  
**Sample ID:** 150723Q026  
**Date Tested:** 07/27/2015  
**Sample Type:** Sativa  
**Total Sample Wt:** 1 Gram

## Potency Test Results

Full spectrum cannabinoid profiling and analysis utilizing High Performance Liquid Chromatography (HPLC/UV)

### Cannabinoid Summary

<b>Total THC</b>	Δ9THC+THCa	16.89 %
Total Potential Δ9THC	152.3 mg/g	15.23 %
<b>Total CBD</b>	CBD+CBDA	0.03 %
Total Potential CBD	0.3 mg/g	0.03 %
<b>Total CBN</b>	Total CBN	0.04 %

### Full Cannabinoid Profile

Tetrahydrocannabinol	Δ9THC	3.34 %
Tetrahydrocannabinolic Acid	THCa	13.56 %
Cannabidiol	CBD	0 %
Cannabidiolic Acid	CBDA	0.03 %
Cannabinol	CBN	0.04 %

**Total Active Cannabinoids:** 16.96 %

## Pesticide Test Results

HPLC-Mass Spectrometry for 12 compounds including pesticides, fungicides, and plant growth regulators

Acequinocyl	Pass	Bifenazate	Pass
Pyrethrum	Pass	Daminozide	Pass
Spirotetramat	Pass	Fenoxycarb	Pass
Paclbutrazol	Pass	Spiromesifen	Pass
Spinosad	Pass	Abamectin	Pass
Imidacloprid	Pass	Myclobutanil	Pass

## Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	2000 cfu/g	E coli	ND
Total Aerobic Plate Count	<1,000 cfu/g	Coliforms	<100 cfu/g
Enterobact.	100 cfu/g	Salmonella	N/A
Pseudomonas	N/A		

## Terpene Test Results

Screening and profiling for 34 terpenes found in Cannabis utilizing Gas Chromatography - Flame Ionization Detection (GC-FID)

	mg/g / %		mg/g / %
α Pinene	0.00 / 0.000	Myrcene	0.00 / 0.000
α Phellandrene	0.00 / 0.000	3 Carene	0.00 / 0.000
α Terpinene	0.00 / 0.000	Limonene	0.00 / 0.000
Terpinolene	0.00 / 0.000	Linalool	0.00 / 0.000
Fenchol	0.00 / 0.000	Borneol	0.00 / 0.000
Terpineol	0.00 / 0.000	Geraniol	0.00 / 0.000
α Humulene	0.00 / 0.000	β Caryophyllene	0.00 / 0.000
Caryophyllene Oxide	0.00 / 0.000	α Bisabolol	0.00 / 0.000
Camphene	0.00 / 0.000	β Pinene	0.00 / 0.000
Ocimene	0.00 / 0.000	Sabinene	0.00 / 0.000
Camphor	0.00 / 0.000	Isoborneol	0.00 / 0.000
Menthol	0.00 / 0.000	α Cedrene	0.00 / 0.000
Nerolidol	0.00 / 0.000	R-(+)-Pulegone	0.00 / 0.000
Eucalyptol	0.00 / 0.000	p-Cymene	0.00 / 0.000
(-)-Isopulegol	0.00 / 0.000	Geranyl Acetate	0.00 / 0.000
Guaiol	0.00 / 0.000	Valencene	0.00 / 0.000
Phytol	0.00 / 0.000	Citronellol	0.00 / 0.000

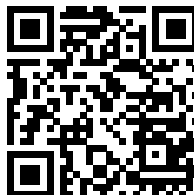
**Total Terpene Concentration** mg/g / 0.000 %

## Residual Solvent Test Results

Headspace-Gas Chromatography for alkane and alcohol extractions

Propane	N/A	Ethanol	N/A
Methanol	N/A	Isopropanol	N/A
Isobutane	N/A	Mercaptan	N/A
2,2-Dimethylbutane	N/A	2-Methylpentane	N/A
3-Methylpentane	N/A	Cyclohexane + Benzene	N/A
Isopentane	N/A	Neopentane	N/A
n Butane	N/A	n Heptane	N/A
n Hexane	N/A	n Pentane	N/A

## Sample Certification



Scan to verify at sclabs.com

This sample has been tested by SC Labs and the results are valid until the expiration date shown.

*Josh Wurzer*  
 Josh Wurzer, President