

# Certificate of Analysis

**Sample Name:** Super Lemon Haze  
**Tested for:** True Terpenes  
**Sample ID:** 161018X001  
**Date Tested:** 11/03/2016

**Sample Type:** Essential Oil  
**Total Sample Wt:** 1 Gram

## Potency Test Results

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

### Cannabinoid Summary

Parameter	Substrates	Result
<b>Total THC</b>	$\Delta 9$ THC+THCa	N/A
Total Potential $\Delta 9$ THC		0.00 %
<b>Total CBD</b>	CBD+CBDA	N/A
Total Potential CBD		0.00 %
<b>Total CBN</b>	Total CBN	N/A

### Full Cannabinoid Profile

Tetrahydrocannabinol	$\Delta 9$ THC
Tetrahydrocannabinolic Acid	THCa
Cannabidiol	CBD
Cannabidiolic Acid	CBDA
Cannabinol	CBN

### Total Active Cannabinoids:

## Pesticide Test Results

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

Acequinocyl	Not Detected	Bifenazate	Not Detected
Pyrethrum	Not Detected	Daminozide	Not Detected
Spirotetramat	Not Detected	Fenoxycarb	Not Detected
Pacllobutrazol	Not Detected	Spiromesifen	Not Detected
Spinosad	Not Detected	Abamectin	Not Detected
Imidacloprid	Not Detected	Myclobutanil	Not Detected

## Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Yeast and Mold	<1,000 cfu/g	E coli	ND
Pseudomonas	ND	Colliforms	<100 cfu/g
Total Aerobic Plate Count	<1,000 cfu/g	Salmonella	ND

## Terpene Test Results

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

Terpene	mg/g / %	Terpene	mg/g / %
$\alpha$ Bisabolol	0.05 / 0.005	$\alpha$ Terpinene	0.23 / 0.023
$\alpha$ Pinene	2.82 / 0.282	Linalool	3.54 / 0.354
3 Carene	0.11 / 0.011	Limonene	4.48 / 0.448
Borneol	0.07 / 0.007	Myrcene	41.53 / 4.153
$\beta$ Caryophyllene	404.11 / 40.411	Fenchol	5.60 / 0.560
Geraniol	0.12 / 0.012	$\alpha$ Phellandrene	2.86 / 0.286
$\alpha$ Humulene	222.17 / 22.217	Caryophyllene Oxide	3.71 / 0.371
Terpinolene	275.97 / 27.597	Terpineol	0.00 / 0.000
Valencene	0.00 / 0.000	$\beta$ Pinene	3.34 / 0.334
Menthol	1.38 / 0.138	R-(+)-Pulegone	1.78 / 0.178
Nerolidol	0.19 / 0.019	Geranyl Acetate	11.51 / 1.151
Camphene	0.00 / 0.000	Citronellol	0.00 / 0.000
Eucalyptol	0.22 / 0.022	p-Cymene	0.18 / 0.018
$\alpha$ Cedrene	0.05 / 0.005	Ocimene	0.24 / 0.024
Camphor	0.00 / 0.000	Guaiol	0.00 / 0.000
(-)-Isopulegol	0.00 / 0.000	Phytol	0.21 / 0.021
Sabinene	0.00 / 0.000	Isoborneol	0.00 / 0.000

**Total Terpene Concentration** 986.47 mg/g / 98.647 %

## Residual Solvent Test Results

Headspace-Gas Chromatography for alkane and alcohol extractions

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

## 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