

# Certificate of Analysis

**Sample Name:** Girl Scout Cookies  
**Tested for:** True Terpenes  
**Sample ID:** 161018X002  
**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	N/A	Imidacloprid	N/A
Pyrethrum	N/A	Spinosad	N/A
Spiromesifen	N/A	Spirotetramat	N/A
Abamectin	N/A	Bifenazate	N/A
Daminozide	N/A	Fenoxycarb	N/A
Myclobutanil	N/A	Fluobutrazol	N/A

## Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Aerobic Plate Count	N/A	Total Yeast and Mold	N/A
Coliforms	N/A	E coli	N/A
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)

Terpene	mg/g / %	Terpene	mg/g / %
$\alpha$ Bisabolol	0.03 / 0.003	$\alpha$ Terpinene	0.00 / 0.000
$\alpha$ Pinene	8.77 / 0.877	Linalool	40.23 / 4.023
3 Carene	0.08 / 0.008	Limonene	64.96 / 6.496
Borneol	0.00 / 0.000	Myrcene	48.39 / 4.839
$\beta$ Caryophyllene	465.87 / 46.587	Fenchol	0.00 / 0.000
Geraniol	0.00 / 0.000	$\alpha$ Phellandrene	3.35 / 0.335
$\alpha$ Humulene	217.79 / 21.779	Caryophyllene Oxide	2.13 / 0.213
Terpinolene	1.04 / 0.104	Terpineol	0.00 / 0.000
Valencene	0.15 / 0.015	$\beta$ Pinene	10.56 / 1.056
Menthol	0.00 / 0.000	R-(+)-Pulegone	0.00 / 0.000
Nerolidol	26.22 / 2.622	Geranyl Acetate	13.43 / 1.343
Camphene	0.06 / 0.006	Citronellol	0.00 / 0.000
Eucalyptol	7.59 / 0.759	p-Cymene	0.00 / 0.000
$\alpha$ Cedrene	0.02 / 0.002	Ocimene	0.00 / 0.000
Camphor	0.00 / 0.000	Guaiol	0.00 / 0.000
(-)-Isopulegol	0.00 / 0.000	Phytol	0.06 / 0.006
Sabinene	0.00 / 0.000	isoborneol	0.00 / 0.000

**Total Terpene Concentration** 910.72 mg/g / 91.072 %

## 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