

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 | | |
|--------------------------------------|------------------------------------|--------|
| Total THC | $\Delta 9\text{THC} + \text{THCa}$ | N/A |
| Total Potential $\Delta 9\text{THC}$ | | 0.00 % |
| Total CBD | $\text{CBD} + \text{CBDa}$ | N/A |
| Total Potential CBD | | 0.00 % |
| Total CBN | Total CBN | N/A |

Full Cannabinoid Profile

| | |
|-----------------------------|----------------------|
| Tetrahydrocannabinol | $\Delta 9\text{THC}$ |
| 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 | Paclitaxel | 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)

| | mg/g / % | | mg/g / % |
|-----------------------|-----------------|-----------------------|---------------|
| α Bisabolol | 0.03 / 0.003 | α Terpinene | 0.00 / 0.000 |
| α 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 |
| β Caryophyllene | 465.87 / 46.587 | Fenchol | 0.00 / 0.000 |
| Geraniol | 0.00 / 0.000 | α Phellandrene | 3.35 / 0.335 |
| α 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 | β 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 |
| α Cedrene | 0.02 / 0.002 | Ocimene | 0.00 / 0.000 |
| Camphor | 0.00 / 0.000 | Guaiaol | 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