

Certificate of Analysis

Sample Name: 8:1 Patch (Patch F19416)

Tested for: Pure Ratios

Sample ID: 160915R010

Date Tested: 09/21/2016

Sample Type: Infused

Total Sample Wt: 0.4954 Grams

Potency Test Results

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

Cannabinoid Summary

Total THC $\Delta 9\text{THC} + \text{THCa}$ 4.8 mg

Total CBD $\text{CBD} + \text{CBDa}$ 39.51 mg

Total CBN Total CBN 0.33 mg

Full Cannabinoid Profile

Tetrahydrocannabinol $\Delta 9\text{THC}$ 8.75 mg/g

Tetrahydrocannabinolic Acid THCa 0.94 mg/g

Cannabidiol CBD 69.32 mg/g

Cannabidiolic Acid CBDa 10.43 mg/g

Cannabinol CBN 0.68 mg/g

Total Active Cannabinoids: 90.12 mg/g

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

Total Terpene Concentration N/A

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