

Certificate of Analysis

Sample Name: Pure Ratios 40 mg CBD Patch
Tested for: Pure Ratios
Sample ID: 160316P007
Date Tested: 03/19/2016

Sample Type: Infused
Total Sample Wt: 0.2500 Grams

Potency Test Results

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

Cannabinoid Summary

Total THC	Δ9THC+THCa	0.19 mg
Total CBD	CBD+CBDA	45.91 mg
Total CBN	Total CBN	0 mg

Full Cannabinoid Profile

Tetrahydrocannabinol	Δ9THC	0.77 mg/g
Tetrahydrocannabinolic Acid	THCa	0 mg/g
Cannabidiol	CBD	183.65 mg/g
Cannabidiolic Acid	CBDA	0 mg/g
Cannabinol	CBN	0 mg/g
Total Active Cannabinoids:		184.42 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 Bisabolol	0.00 / 0.000	α Terpinene	0.00 / 0.000
α Pinene	0.22 / 0.022	Linalool	0.00 / 0.000
3 Carene	0.00 / 0.000	Limonene	0.00 / 0.000
Borneol	0.00 / 0.000	Myrcene	0.48 / 0.048
β Caryophyllene	0.57 / 0.057	Fenchol	0.00 / 0.000
Geraniol	0.00 / 0.000	α Phellandrene	0.00 / 0.000
α Humulene	0.07 / 0.007	Caryophyllene Oxide	0.09 / 0.009
Terpinolene	0.00 / 0.000	Terpineol	0.00 / 0.000
Valencene	0.00 / 0.000	β Pinene	0.00 / 0.000
Menthol	0.00 / 0.000	R-(+)-Pulegone	0.00 / 0.000
Nerolidol	0.00 / 0.000	Geranyl Acetate	0.00 / 0.000
Camphene	0.00 / 0.000	Citronellol	0.00 / 0.000
Eucalyptol	1.75 / 0.175	p-Cymene	0.00 / 0.000
α Cedrene	0.00 / 0.000	Ocimene	0.00 / 0.000
Camphor	0.00 / 0.000	Guaiol	1.27 / 0.127
(-)-Isopulegol	0.00 / 0.000	Phytol	0.00 / 0.000
Sabinene	0.00 / 0.000	Isoborneol	0.00 / 0.000

Total Terpene Concentration 4.45 mg/g / 0.445 %

Residual Solvent Test Results

Headspace-Gas Chromatography for alkane and alcohol extractions

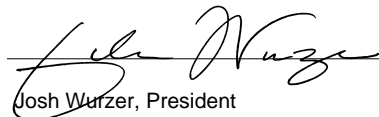
Propane	N/A	Ethanol	N/A
Methanol	N/A	Isopropanol	N/A
Isobutane	N/A	Mercaptan	N/A
2,2-Dimethylbutane	N/A	2-Methylpentane	N/A
3-Methylpentane	N/A	Cyclohexane + Benzene	N/A
Isopentane	N/A	Neopentane	N/A
n Butane	N/A	n Heptane	N/A
n Hexane	N/A	n Pentane	N/A

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, President