

Certificate of Analysis

Sample Name: Pure Ratios CBD Roll on 100
Tested for: Pure Ratios
Sample ID: 160520M006
Date Tested: 05/24/2016

Sample Type: Infused
Total Sample Wt: 10.0000 Milliliters

Potency Test Results

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

Cannabinoid Summary

Total THC	Δ9THC+THCa	3.64 mg
Total CBD	CBD+CBDA	100.42 mg
Total CBN	Total CBN	0.21 mg

Full Cannabinoid Profile

Tetrahydrocannabinol	Δ9THC	0.36 mg/ml
Tetrahydrocannabinolic Acid	THCa	0 mg/ml
Cannabidiol	CBD	9.47 mg/ml
Cannabidiolic Acid	CBDA	0.57 mg/ml
Cannabinol	CBN	0.02 mg/ml
Total Active Cannabinoids:		10.43 mg/ml

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 Yeast and Mold	1000 cfu/g	E coli	ND
Pseudomonas	ND	Coliforms	<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)

	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