



Certificate of Analysis

Sample Name: CBD Full Profile #1
Tested for: Santa Cruz CBD
Sample ID: 160407W002
Date Tested: 04/13/2016

Sample Type: Concentrate
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	$\Delta 9$ THC+THCa	0.25 %
Total Potential $\Delta 9$THC	2.5 mg/g	0.25 %
Total CBD	CBD+CBDa	91.98 %
Total Potential CBD	919.8 mg/g	91.98 %
Total CBN	Total CBN	0 %

Full Cannabinoid Profile

Tetrahydrocannabinol	$\Delta 9$ THC	0.25 %
Tetrahydrocannabinolic Acid	THCa	0 %
Cannabidiol	CBD	91.98 %
Cannabidiolic Acid	CBDa	0 %
Cannabinol	CBN	0 %
Total Active Cannabinoids:		92.23 %

Pesticide Test Results

HPLC-Mass Spectrometry for 12 compounds including pesticides, fungicides, and plant growth regulators

Acequinocyl	N/A	Imidacloprid	N/A
Pyrethrinium	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	Paclobutrazol	N/A

Microbiological Test Results

3M Petrifilm and plate counts for microbiological contamination

Total Aerobic Plate	N/A	Total Yeast and Mold	N/A
Count		E coli	N/A
Coliforms	N/A	Pseudomonas	N/A
Salmonella	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	0.66 / 0.066	Linalool	0.00 / 0.000
3 Carene	0.11 / 0.011	Limonene	0.38 / 0.038
Borneol	0.10 / 0.010	Myrcene	3.43 / 0.343
β Caryophyllene	3.86 / 0.386	Fenchol	0.00 / 0.000
Geraniol	0.00 / 0.000	α Phellandrene	0.05 / 0.005
α Humulene	1.34 / 0.134	Caryophyllene Oxide	0.78 / 0.078
Terpinolene	3.00 / 0.300	Terpinediol	0.00 / 0.000
Valencene	0.29 / 0.029	β Pinene	0.43 / 0.043
Menthhol	0.00 / 0.000	R-(+)-Pulegone	0.00 / 0.000
Nerolidol	0.14 / 0.014	Geranyl Acetate	0.00 / 0.000
Camphene	0.00 / 0.000	Citronellol	0.00 / 0.000
Eucalyptol	0.00 / 0.000	p-Cymene	0.00 / 0.000
α Cedrene	0.00 / 0.000	Ocimene	0.06 / 0.006
Camphor	0.00 / 0.000	Guaiol	0.00 / 0.000
(-)-Isopulegol	0.00 / 0.000	Phytol	0.21 / 0.021
Sabinene	0.00 / 0.000	Isoborneol	0.00 / 0.000

Total Terpene Concentration 14.84 mg/g / 1.484 %

Residual Solvent Test Results

Headspace-Gas Chromatography for alkane and alcohol extractions

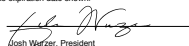
Propane	N/A	Ethanol	N/A
Methanol	N/A	Isopropanol	N/A
Isobutane	N/A	Mercaptan	N/A
2,2-Dimethylbutane	N/A	2-Methylpentane	N/A
3-Methylpentane	N/A	Cyclohexane + Benzene	N/A
Isopentane	N/A	Neopentane	N/A
n Butane	N/A	n Heptane	N/A
n Hexane	N/A	n Pentane	N/A

Sample Certification



Scan to verify at scslabs.com

This sample has been tested by SC Labs and the results are valid until the expiration date shown.


Josh Warfar, President