

# Certificate of Analysis

Sample Name: CBD Tincture Flavorless 10ml  
 LIMS Sample ID: 181102Y056  
 Batch #:  
 Sample Metric ID:  
 Sample Type: Infused, Other  
 Batch Count:  
 Sample Count:  
 Unit Volume: 10 Milliliters per Unit

Date Collected: 11/02/2018  
 Date Received: 11/04/2018  
 Tested for: Cannapresso  
 License #:  
 Address: CA  
 Produced by:  
 License #:  
 Address:  
 Overall result for batch:

## Moisture Test Results

Moisture	%	Action Limit %
	NT	

## Cannabinoid Test Results

**11/06/2018**

Cannabinoid analysis utilizing High Performance Liquid Chromatography (HPLC, QSP 5-4-4-4)

	mg/mL	LOD mg/mL	LOQ mg/mL
THC	ND	0.000034	0.001
THCa	ND	0.000066	0.001
CBD	50.046	0.000057	0.001
CBDa	ND	0.000038	0.001
CBN	ND	0.000029	0.001
CBDV	0.140	0.000065	0.001
CBDVa	ND	0.00003	0.001
CBG	ND	0.000086	0.001
CBGa	ND	0.000072	0.001
THCV	ND	0.000035	0.001
Δ8 - THC	ND	0.000083	0.001
CBC	ND	0.000095	0.001

**Sum of Cannabinoids: 50.186 501.860 mg/Unit**

Total THC (Δ9THC+0.877\*THCa) ND  
 Total CBD (CBD+0.877\*CBDa) 50.046 500.460 mg/Unit

## Residual Solvent Test Results

**11/06/2018**

Residual Solvent analysis utilizing Gas Chromatography - Mass Spectrometry (GC - MS)

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
1,2-Dichloroethane	NT			
Benzene	NT			
Chloroform	NT			
Ethylene Oxide	NT			
Methylene chloride	NT			
Trichloroethylene	NT			
Acetone	ND	5000.0	371.43	1088.28
Acetonitrile	ND	410.0	0.657	1.925
Butane	ND	5000.0	107.06	313.69
Ethanol	ND	5000.0	149.81	438.94
Ethyl acetate	ND	5000.0	149.48	437.97
Ethyl ether	ND	5000.0	375.12	1099.1
Heptane	ND	5000.0	149.21	437.17
Hexane	ND	290.0	18.5	54.22
Isopropyl Alcohol	ND	5000.0	74.61	218.59
Methanol	ND	3000.0	96.47	282.66
Pentane	ND	5000.0	149.25	437.31
Propane	ND	5000.0	106.66	312.5
Toluene	ND	890.0	7.107	20.82
Total Xylenes	ND	2170.0	1.387	4.065

## Terpene Test Results

Terpene analysis utilizing Gas Chromatography - Flame Ionization Detection (GC - FID)

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

**Total Terpene Concentration:**

NT

## Microbiological Test Results

**11/06/2018**

PCR and fluorescence detection of microbiological impurities

	ND	Action Limit
Shiga toxin-producing Escherichia coli	ND	ND
Salmonella spp.	ND	ND
Aspergillus fumigatus	NT	
Aspergillus flavus	NT	
Aspergillus niger	NT	
Aspergillus terreus	NT	

## Sample Certification



Scan to verify at sclabs.com

*Josh Wurzer*  
 Josh Wurzer, President  
 Date: 11/07/2018

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## Pesticide Test Results

11/06/2018


Pesticide, Fungicide and plant growth regulator analysis utilizing HPLC-Mass Spectrometry

	µg/g	Action Limit µg/g	Reporting Limit µg/g
Abamectin	ND	0.3	0.05
Bifenazate	ND	5.0	0.05
Bifenthrin	ND	0.5	0.25
Boscalid	ND	10.0	0.05
Etoxazole	ND	1.5	0.05
Imidacloprid	ND	3.0	1.5
Myclobutanil	ND	9.0	0.05
Piperonylbutoxide	ND	8.0	1.5
Pyrethrins	ND	1.0	0.25
Spinosad	ND	3.0	0.05
Spiromesifen	ND	12.0	0.05
Spirotetramat	ND	13.0	0.05

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### Label Claim Test Results

#### Cannabinoids

Description	Claim	Actual	% Diff	Fail Limit
N/A	N/A	N/A	N/A	N/A

#### Terpenoids

Description	Claim	Actual	% Diff	Fail Limit
N/A	N/A	N/A	N/A	N/A

#### Note


### Foreign Material Test Results

NT

### Sample Certification



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 Date: 11/07/2018