

# Certificate of Analysis

\*Amendment to CoA 190301M002-001

Sample Name: cbdMD Gummies 30ct - 750mg-01

LIMS Sample ID: 190301M002

Batch #:

Sample Metric ID:

Sample Type: Infused, Solid Edible

Batch Count:

Sample Count:

Unit Mass: 4.5 Grams per Unit

Serving Mass:

Date Collected: 03/01/2019

Date Received: 03/01/2019

Tested for: cbdMD

License #:

Address:

Produced by:

License #:

Address:

Overall result for batch:

## Moisture Test Results

Moisture	% NT

## Cannabinoid Test Results

03/04/2019

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

	mg/g	%	LOD mg/g	LOQ mg/g
THC	ND	ND	0.000034	0.001
THCa	ND	ND	0.000066	0.001
CBD	5.648	0.5648	0.000057	0.001
CBDa	ND	ND	0.000038	0.001
CBN	ND	ND	0.000029	0.001
CBDV	0.028	0.0028	0.000065	0.001
CBDVa	ND	ND	0.00003	0.001
CBG	ND	ND	0.000086	0.001
CBGa	ND	ND	0.000072	0.001
THCV	ND	ND	0.000035	0.001
Δ8 - THC	ND	ND	0.000083	0.001
CBC	ND	ND	0.000095	0.001

**Sum of Cannabinoids: 5.676 0.5676 25.542 mg/Unit**

Total THC ( $\Delta^9$ THC+0.877\*THCa) ND ND ND  
 Total CBD (CBD+0.877\*CBDa) 5.648 0.5648 25.416 mg/Unit

	Action Limit mg	
THC per Unit	110.0	ND
THC per Serving		

## Microbiological Test Results

03/03/2019

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	

## Heavy Metal Test Results

Heavy metal analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Cadmium	NT			
Lead	NT			
Arsenic	NT			
Mercury	NT			

## Mycotoxin Test Results

Mycotoxin analysis utilizing HPLC-Mass Spectrometry

	µg/kg	Action Limit µg/kg	LOD µg/kg	LOQ µg/kg
Aflatoxin B1, B2, G1, G2	NT			
Ochratoxin A	NT			

## Water Activity Test Results

Water Activity	Aw NT	Action Limit Aw

## Terpene Test Results

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

	mg/g	%	LOD mg/g	LOQ mg/g
<input type="checkbox"/> Bisabolol	NT			
<input type="checkbox"/> Pinene	NT			
<input type="checkbox"/> 3-Carene	NT			
<input type="checkbox"/> Borneol	NT			
<input type="checkbox"/> Caryophyllene	NT			
<input type="checkbox"/> Geraniol	NT			
<input type="checkbox"/> Humulene	NT			
<input type="checkbox"/> Terpinolene	NT			
<input type="checkbox"/> Valencene	NT			
<input type="checkbox"/> Menthol	NT			
<input type="checkbox"/> Nerolidol	NT			
<input type="checkbox"/> Camphene	NT			
<input type="checkbox"/> Eucalyptol	NT			
<input type="checkbox"/> Cedrene	NT			
<input type="checkbox"/> Camphor	NT			
<input type="checkbox"/> (-)-Isopulegol	NT			
<input type="checkbox"/> Sabinene	NT			
<input type="checkbox"/> Terpinene	NT			
<input type="checkbox"/> Terpinene	NT			
<input type="checkbox"/> Linalool	NT			
<input type="checkbox"/> Limonene	NT			
<input type="checkbox"/> Myrcene	NT			
<input type="checkbox"/> Fenchol	NT			
<input type="checkbox"/> Phellandrene	NT			
<input type="checkbox"/> Caryophyllene Oxide	NT			
<input type="checkbox"/> Terpineol	NT			
<input type="checkbox"/> Pinene	NT			
<input type="checkbox"/> R-(+)-Pulegone	NT			
<input type="checkbox"/> Geranyl Acetate	NT			
<input type="checkbox"/> Citronellol	NT			
<input type="checkbox"/> p-Cymene	NT			
<input type="checkbox"/> Ocimene	NT			
<input type="checkbox"/> Guaiol	NT			
<input type="checkbox"/> Phytol	NT			
<input type="checkbox"/> Isoborneol	NT			

Total Terpene Concentration: NT

## Sample Certification



Scan to verify at sclabs.com  
 Sample must be marked as public to be viewable

*Josh Wurzer*  
 Josh Wurzer, President  
 Date: 03/08/2019

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## Pesticide Test Results

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

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Abamectin	NT			
Acephate	NT			
Acequinocyl	NT			
Acetamiprid	NT			
Azoxystrobin	NT			
Bifenazate	NT			
Bifenthrin	NT			
Boscalid	NT			
Captan	NT			
Carbaryl	NT			
Chlorantraniliprole	NT			
Clofentezine	NT			
Cyfluthrin	NT			
Cypermethrin	NT			
Diazinon	NT			
Dimethomorph	NT			
Etoxazole	NT			
Fenhexamid	NT			
Fenpyroximate	NT			
Fonicamid	NT			
Fludioxonil	NT			
Hexythiazox	NT			
Imidacloprid	NT			
Kresoxim-methyl	NT			
Malathion	NT			
Metalaxyl	NT			
Methomyl	NT			
Myclobutanil	NT			
Naled	NT			
Oxamyl	NT			
Pentachloronitrobenzene	NT			
Permethrin	NT			
Phosmet	NT			
Piperonylbutoxide	NT			
Prallethrin	NT			
Propiconazole	NT			
Pyrethrins	NT			
Pyridaben	NT			
Spinetoram	NT			
Spinosad	NT			
Spiromesifen	NT			
Spirotetramat	NT			
Tebuconazole	NT			
Thiamethoxam	NT			
Trifloxystrobin	NT			

## Pesticide Test Results

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

	µg/g	Action Limit µg/g	LOD µg/g	LOQ µg/g
Aldicarb	NT			
Carbofuran	NT			
Chlordane	NT			
Chlorfenapyr	NT			
Chlorpyrifos	NT			
Coumaphos	NT			
Daminozide	NT			
DDVP (Dichlorvos)	NT			
Dimethoate	NT			
Ethoprop(hos)	NT			
Etofenprox	NT			
Fenoxycarb	NT			
Fipronil	NT			
Imazalil	NT			
Methiocarb	NT			
Methyl parathion	NT			
Mevinphos	NT			
Padlobutrazol	NT			
Propoxur	NT			
Spiroxamine	NT			
Thiacloprid	NT			


## Foreign Material Test Results

NT

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## Residual Solvent Test Results

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	NT			
Acetonitrile	NT			
Butane	NT			
Ethanol	NT			
Ethyl acetate	NT			
Ethyl ether	NT			
Heptane	NT			
Hexane	NT			
Isopropyl Alcohol	NT			
Methanol	NT			
Pentane	NT			
Propane	NT			
Toluene	NT			
Total Xylenes	NT			


## Note

## Batch Photo

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