



## CERTIFICATE OF ANALYSIS



### SAMPLE INFORMATION

Sample Name: PM Grape Syrup  
Sample Id: 134479  
Received: 09/03/2019 11:54  
Servings Per Pkg: 1  
Overall Result: N/A

Sample Matrix: Edible  
Collected: 09/03/2019 11:12  
Serving Size: 1  
Density: 1.328 g/ml

### MANUFACTURER INFO

Business Name: CBD Living Water  
City:  
Zip Code:

Street Address:  
State:  
License:

## CANNABINOID ANALYSIS

**i** Total THC,CBD value(s) have been decarboxylated.

TOTAL THC: ND per serving (ND) (ND)  
TOTAL CBD: 145.2 mg per serving (1.231 mg/mL) (0.0927 %)  
TOTAL CANNABINOIDS: 145.2 mg per serving (1.231 mg/mL) (0.0927 %)

TEST TYPE RESULT: N/A  
UNIT OF MEASUREMENT: Milligrams per Milliliter(mg/mL)

ANALYTE	RESULT	LOD	LLOQ	ANALYTE	RESULT	LOD	LLOQ
D9THC	ND	0.0100	0.0250	D8THC	ND	0.0100	0.0250
CBG	ND	0.0100	0.0250	CBC	ND	0.0100	0.0250
THCv	ND	0.0100	0.0250	CBD	1.231 mg/mL (0.0927 %)	0.0100	0.0250
CBN	ND	0.0100	0.0250	CBDv	ND	0.0100	0.0250
THCa	ND	0.0100	0.0250	CBGa	ND	0.0100	0.0250
CBDa	ND	0.0100	0.0250				

### ADDITIONAL INFORMATION

Method: SOP-TECH-001  
Instrument: UPLC-DAD

Sample Prepped 09/04/2019 18:05  
Sample Analyzed 09/04/2019 18:05

Sample Approved 09/05/2019 18:07





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This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

All LQC samples required by state regulations were performed and met the acceptance criteria.

### DATA REVIEWED AND APPROVED BY



09/06/2019

Swetha Kaul, PhD  
Chief Scientific Officer

Date





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### SAMPLE INFORMATION

Sample Name: CBD LIVING GRAPE PM SYRUP  
 Sample Matrix: Edible  
 Collected: 09/11/2019 11:18  
 Serving Size: 1 Tbs  
 Density: 1.3200 g/ml

Sample Id: 136442  
 Received: 09/11/2019 13:51  
 Servings Per Pkg: 8  
 Overall Result: **Pass**

### MANUFACTURER INFO

Business Name: CBD Living Water  
 City:  
 Zip Code:

Street Address:  
 State:  
 License:

## CHEMICAL RESIDUE ANALYSIS

TEST TYPE RESULT: **Pass**  
 UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Abamectin	ND	0.0200	0.0400	0.3000 <b>Pass</b>	Acephate	ND	0.0200	0.0400	5.000 <b>Pass</b>
Acequinocyl	ND	0.0200	0.0400	4.000 <b>Pass</b>	Acetamiprid	ND	0.0200	0.0400	5.000 <b>Pass</b>
Aldicarb	ND	0.0200	0.0400	0.0 <b>Pass</b>	Azoxystrobin	ND	0.0200	0.0400	40.00 <b>Pass</b>
Bifenazate	ND	0.0200	0.0400	5.000 <b>Pass</b>	Bifenthrin	ND	0.0200	0.0400	0.5000 <b>Pass</b>
Boscalid	ND	0.0200	0.0400	10.00 <b>Pass</b>	Carbaryl	ND	0.0200	0.0400	0.5000 <b>Pass</b>
Carbofuran	ND	0.0200	0.0400	0.0 <b>Pass</b>	Chlorantraniliprole	ND	0.0200	0.0400	40.00 <b>Pass</b>
Chlorfenapyr	ND	0.0200	0.0400	0.0 <b>Pass</b>	Chlorpyrifos	ND	0.0200	0.0400	0.0 <b>Pass</b>
Clofentezine	ND	0.0200	0.0400	0.5000 <b>Pass</b>	Coumaphos	ND	0.0200	0.0400	0.0 <b>Pass</b>
Cyfluthrin	ND	0.1000	0.2000	1.000 <b>Pass</b>	Cypermethrin	ND	0.0400	0.1000	1.000 <b>Pass</b>
Daminozide	ND	0.0200	0.0400	0.0 <b>Pass</b>	Diazinon	ND	0.0200	0.0400	0.2000 <b>Pass</b>
Dichlorvos	ND	0.0200	0.0400	0.0 <b>Pass</b>	Dimethoate	ND	0.0200	0.0400	0.0 <b>Pass</b>
Dimethomorph	ND	0.0099	0.0198	20.00 <b>Pass</b>	Ethoprophos	ND	0.0200	0.0400	0.0 <b>Pass</b>
Etofenprox	ND	0.0200	0.0400	0.0 <b>Pass</b>	Etoxazole	ND	0.0200	0.0400	1.500 <b>Pass</b>
Fenhexamid	ND	0.0200	0.0400	10.00 <b>Pass</b>	Fenoxycarb	ND	0.0200	0.0400	0.0 <b>Pass</b>
Fenpyroximate	ND	0.0200	0.0400	2.000 <b>Pass</b>	Fipronil	ND	0.0200	0.0400	0.0 <b>Pass</b>
Fonicamid	ND	0.0200	0.0400	2.000 <b>Pass</b>	Fludioxonil	ND	0.0200	0.0400	30.00 <b>Pass</b>
Hexythiazox	ND	0.0200	0.0400	2.000 <b>Pass</b>	Imazalil	ND	0.0200	0.0400	0.0 <b>Pass</b>
Imidacloprid	ND	0.0200	0.0400	3.000 <b>Pass</b>	KresoximMethyl	ND	0.0200	0.0400	1.000 <b>Pass</b>
Malathion	ND	0.0200	0.0400	5.000 <b>Pass</b>	Metaxyl	ND	0.0200	0.0400	15.00 <b>Pass</b>
Methiocarb	ND	0.0200	0.0400	0.0 <b>Pass</b>	Methomyl	ND	0.0200	0.0400	0.1000 <b>Pass</b>
Mevinphos	ND	0.0200	0.0400	0.0 <b>Pass</b>	Myclobutanil	ND	0.0200	0.0400	9.000 <b>Pass</b>
Naled	ND	0.0200	0.0400	0.5000 <b>Pass</b>	Oxamyl	ND	0.0200	0.0400	0.2000 <b>Pass</b>
Paclbutrazol	ND	0.0200	0.0400	0.0 <b>Pass</b>	Permethrins	ND	0.0200	0.0400	20.00 <b>Pass</b>





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Phosmet	ND	0.0200	0.0400	0.2000	Pass	PiperonylButoxide	ND	0.0200	0.0400	8.000	Pass
Prallethrin	ND	0.0200	0.0400	0.4000	Pass	Propiconazole	ND	0.0200	0.0400	20.00	Pass
Propoxur	ND	0.0200	0.0400	0.0	Pass	Pyrethrins	ND	0.0178	0.0356	1.000	Pass
Pyridaben	ND	0.0200	0.0400	3.000	Pass	Spinetoram	ND	0.0200	0.0400	3.000	Pass
Spinosad	ND	0.0200	0.0400	3.000	Pass	Spiromesifen	ND	0.0200	0.0400	12.00	Pass
Spirotetramat	ND	0.0200	0.0400	13.00	Pass	Spiroxamine	ND	0.0200	0.0400	0.4000	Pass
Tebuconazole	ND	0.0200	0.0400	2.000	Pass	Thiacloprid	ND	0.0200	0.0400	0.0	Pass
Thiamethoxam	ND	0.0200	0.0400	4.500	Pass	Trifloxystrobin	ND	0.0200	0.0400	30.00	Pass

## ADDITIONAL INFORMATION

Method: SOP-TECH-002  
Instrument: LC-MS/MS

Sample Prepped 09/12/2019 17:34  
Sample Analyzed 09/12/2019 17:35

Sample Approved 09/13/2019 16:49



## CHEMICAL RESIDUE GC ANALYSIS

TEST TYPE RESULT: Pass

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Captan	ND	0.1000	0.2000	5.000 Pass	Chlordane	ND	0.0400	0.1000	0.0 Pass
MethylParathion	ND	0.0400	0.1000	0.0 Pass	PCNB	ND	0.0200	0.0400	0.2000 Pass

## ADDITIONAL INFORMATION

Method: SOP-TECH-010  
Instrument: GC-MS/MS

Sample Prepped 09/12/2019 17:34  
Sample Analyzed 09/12/2019 17:35

Sample Approved 09/13/2019 12:29



## RESIDUAL SOLVENT ANALYSIS

TEST TYPE RESULT: Pass

UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Acetone	ND	2.500	5.000	5000 Pass	Acetonitrile	ND	0.5000	1.000	410.0 Pass
Benzene	ND	0.5000	1.000	1.000 Pass	Butane	ND	24.00	48.00	5000 Pass
Chloroform	ND	0.5000	1.000	1.000 Pass	Ethanol	266.7 ug/g	1.000	2.500	5000 Pass
Ethyl Acetate	ND	2.500	5.000	5000 Pass	Ethyl Ether	ND	10.00	50.00	5000 Pass
Ethylene oxide	ND	0.5000	1.000	1.000 Pass	Heptane	ND	0.2500	0.5000	5000 Pass
Hexane	ND	0.2500	0.5000	290.0 Pass	Isopropyl Alcohol	ND	0.2500	0.5000	5000 Pass
Methanol	ND	1.000	2.500	3000 Pass	Methylene chloride	ND	0.2500	0.5000	1.000 Pass
Pentane	ND	1.000	2.500	5000 Pass	Propane	ND	5.000	10.00	5000 Pass
Toluene	ND	0.2500	0.5000	890.0 Pass	Xylenes	ND	0.5000	1.000	2170 Pass
Trichloroethylene	ND	0.2500	0.5000	1.000 Pass	1,2-Dichloroethane	ND	0.2500	0.5000	1.000 Pass

## ADDITIONAL INFORMATION

Method: SOP-TECH-021  
Instrument: HS-GC-MS/FID

Sample Prepped 09/11/2019 20:17  
Sample Analyzed 09/11/2019 20:19

Sample Approved 09/12/2019 15:28





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## MICROBIAL ANALYSIS

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Cycle Threshold (Ct)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
A.fumigatus	ND	33.00	0.0	0.0 <b>Pass</b>	A. flavus	ND	33.00	0.0	0.0 <b>Pass</b>
A. niger	ND	33.00	0.0	0.0 <b>Pass</b>	A. terreus	ND	33.00	0.0	0.0 <b>Pass</b>
STEC	ND	33.00	0.0	0.0 <b>Pass</b>	Salmonella spp	ND	33.00	0.0	0.0 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-TECH-016, SOP-TECH-022  
Instrument: qPCR  
Sample Prepped 09/13/2019 06:16  
Sample Analyzed 09/13/2019 11:29  
Sample Approved 09/13/2019 15:19

## HEAVY METALS

TEST TYPE RESULT: **Pass**  
UNIT OF MEASUREMENT: Micrograms per Gram(ug/g)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL
Arsenic	ND	0.0200	0.0500	1.500 <b>Pass</b>	Cadmium	ND	0.0050	0.0500	0.5000 <b>Pass</b>
Lead	<LLOQ	0.0100	0.0500	0.5000 <b>Pass</b>	Mercury	ND	0.0030	0.0500	3.000 <b>Pass</b>

### ADDITIONAL INFORMATION

Method: SOP-TECH-013  
Instrument: ICP-MS  
Sample Prepped 09/12/2019 13:10  
Sample Analyzed 09/13/2019 08:46  
Sample Approved 09/13/2019 14:36

This report applies to the sample investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. This report provides technical results for a specific sample and the report shall not be altered, modified, supplemented, or abstracted in any manner. Any violation of these conditions renders the report and its results void.

All LQC samples required by state regulations were performed and met the acceptance criteria.

## DATA REVIEWED AND APPROVED BY

09/18/2019

Swetha Kaul, PhD  
Chief Scientific Officer

Date

