



CERTIFICATE OF ANALYSIS



SAMPLE INFORMATION

Sample Name: 750mg Tincture
Sample Id: 134481
Received: 09/03/2019 11:55
Servings Per Pkg: 30
Overall Result: N/A

Sample Matrix: Tincture
Collected: 09/03/2019 11:14
Serving Size: 1 dropper
Density: 0.9743 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: 31.15 mg per serving (31.15 mg/mL) (3.197 %)
TOTAL CANNABINOIDS: 31.15 mg per serving (31.15 mg/mL) (3.197 %)

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

| ANALYTE | RESULT | LOD | LLOQ | ANALYTE | RESULT | LOD | LLOQ |
|---------|--------|--------|--------|---------|-----------------------|--------|--------|
| D9THC | ND | 0.0500 | 0.1000 | D8THC | ND | 0.0500 | 0.1000 |
| CBG | ND | 0.0500 | 0.1000 | CBC | ND | 0.0500 | 0.1000 |
| THCv | ND | 0.0500 | 0.1000 | CBD | 31.15 mg/mL (3.197 %) | 0.0500 | 0.1000 |
| CBN | ND | 0.0500 | 0.1000 | CBDv | ND | 0.0500 | 0.1000 |
| THCa | ND | 0.0500 | 0.1000 | CBGa | ND | 0.0500 | 0.1000 |
| CBDa | ND | 0.0500 | 0.1000 | | | | |

ADDITIONAL INFORMATION

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

Sample Prepped 09/04/2019 16:22
Sample Analyzed 09/04/2019 16:22

Sample Approved 09/05/2019 15:27





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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

09/05/2019

Swetha Kaul, PhD
Chief Scientific Officer

Date





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SAMPLE INFORMATION

Sample Name: CBD LIVING 750MG TINCTURE
 Sample Matrix: Tincture
 Collected: 09/11/2019 10:53
 Serving Size: 1 mL
 Density: 0.9500 g/ml

Sample Id: 136436
 Received: 09/11/2019 13:50
 Servings Per Pkg: 30
 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 Pass | Acephate | ND | 0.0200 | 0.0400 | 5.000 Pass |
| Acequinocyl | ND | 0.0200 | 0.0400 | 4.000 Pass | Acetamiprid | ND | 0.0200 | 0.0400 | 5.000 Pass |
| Aldicarb | ND | 0.0200 | 0.0400 | 0.0 Pass | Azoxystrobin | ND | 0.0200 | 0.0400 | 40.00 Pass |
| Bifenazate | ND | 0.0200 | 0.0400 | 5.000 Pass | Bifenthrin | ND | 0.0200 | 0.0400 | 0.5000 Pass |
| Boscalid | ND | 0.0200 | 0.0400 | 10.00 Pass | Carbaryl | ND | 0.0200 | 0.0400 | 0.5000 Pass |
| Carbofuran | ND | 0.0200 | 0.0400 | 0.0 Pass | Chlorantraniliprole | ND | 0.0200 | 0.0400 | 40.00 Pass |
| Chlorfenapyr | ND | 0.0200 | 0.0400 | 0.0 Pass | Chlorpyrifos | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Clofentezine | ND | 0.0200 | 0.0400 | 0.5000 Pass | Coumaphos | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Cyfluthrin | ND | 0.1000 | 0.2000 | 1.000 Pass | Cypermethrin | ND | 0.0400 | 0.1000 | 1.000 Pass |
| Daminozide | ND | 0.0200 | 0.0400 | 0.0 Pass | Diazinon | ND | 0.0200 | 0.0400 | 0.2000 Pass |
| Dichlorvos | ND | 0.0200 | 0.0400 | 0.0 Pass | Dimethoate | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Dimethomorph | ND | 0.0099 | 0.0198 | 20.00 Pass | Ethoprophos | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Etofenprox | ND | 0.0200 | 0.0400 | 0.0 Pass | Etoxazole | ND | 0.0200 | 0.0400 | 1.500 Pass |
| Fenhexamid | ND | 0.0200 | 0.0400 | 10.00 Pass | Fenoxycarb | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Fenpyroximate | ND | 0.0200 | 0.0400 | 2.000 Pass | Fipronil | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Fonicamid | ND | 0.0200 | 0.0400 | 2.000 Pass | Fludioxonil | ND | 0.0200 | 0.0400 | 30.00 Pass |
| Hexythiazox | ND | 0.0200 | 0.0400 | 2.000 Pass | Imazalil | ND | 0.0200 | 0.0400 | 0.0 Pass |
| Imidacloprid | ND | 0.0200 | 0.0400 | 3.000 Pass | KresoximMethyl | ND | 0.0200 | 0.0400 | 1.000 Pass |
| Malathion | ND | 0.0200 | 0.0400 | 5.000 Pass | Metalaxyl | ND | 0.0200 | 0.0400 | 15.00 Pass |
| Methiocarb | ND | 0.0200 | 0.0400 | 0.0 Pass | Methomyl | ND | 0.0200 | 0.0400 | 0.1000 Pass |
| Mevinphos | ND | 0.0200 | 0.0400 | 0.0 Pass | Myclobutanil | ND | 0.0200 | 0.0400 | 9.000 Pass |
| Naled | ND | 0.0200 | 0.0400 | 0.5000 Pass | Oxamyl | ND | 0.0200 | 0.0400 | 0.2000 Pass |
| Paclobutrazol | ND | 0.0200 | 0.0400 | 0.0 Pass | Permethrins | ND | 0.0200 | 0.0400 | 20.00 Pass |





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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 | ND | 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 | 0.8221 ug/g | 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 09/12/2019 18:27
Sample Analyzed 09/12/2019 18:28

Sample Approved 09/13/2019 10:58





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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 Pass | A. flavus | ND | 33.00 | 0.0 | 0.0 Pass |
| A. niger | ND | 33.00 | 0.0 | 0.0 Pass | A. terreus | ND | 33.00 | 0.0 | 0.0 Pass |
| STEC | ND | 33.00 | 0.0 | 0.0 Pass | Salmonella spp | ND | 33.00 | 0.0 | 0.0 Pass |

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 Pass | Cadmium | ND | 0.0050 | 0.0500 | 0.5000 Pass |
| Lead | <LLOQ | 0.0100 | 0.0500 | 0.5000 Pass | Mercury | ND | 0.0030 | 0.0500 | 3.000 Pass |

ADDITIONAL INFORMATION

Method: SOP-TECH-013
Instrument: ICP-MS
Sample Prepped: 09/12/2019 08:24
Sample Analyzed: 09/12/2019 08:27
Sample Approved: 09/12/2019 12:22

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

