



# CERTIFICATE OF ANALYSIS



## SAMPLE INFORMATION

Sample Name: Coconut Lime Soap      Sample Matrix: Topical  
Sample Id: 136412      Batch Id: 6045C  
Collected: 10/01/2019 11:54      Received: 10/01/2019 13:09  
Serving Size: 1      Servings Per Pkg: 1  
Overall Result: N/A

## MANUFACTURER INFO

Business Name: CBD Living Water      Street Address:  
City:      State:  
Zip Code:      License:

## CANNABINOID ANALYSIS

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

TOTAL THC: ND per serving (ND) (ND)  
TOTAL CBD: 70.43 mg per serving (0.5521 mg/g) (0.0552 %)  
TOTAL CANNABINOIDS: 70.43 mg per serving (0.5521 mg/g) (0.0552 %)

TEST TYPE RESULT: N/A  
UNIT OF MEASUREMENT: Milligrams per Gram(mg/g)

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	0.5521 mg/g (0.0552 %)	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 10/02/2019 14:29  
Sample Analyzed 10/02/2019 17:09

Sample Approved 10/03/2019 14:09





## CERTIFICATE OF ANALYSIS

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

10/03/2019

Swetha Kaul, PhD  
Chief Scientific Officer

Date



# Coconut Lime Soap

**PASS**



SAMPLE ID  
**136414**

SAMPLE NAME  
**Coconut Lime Soap**

MATRIX  
**Topical**

BATCH ID  
**6045C**

COLLECTED  
**10/01/2019 11:57**

RECEIVED  
**10/01/2019 11:57**

SERVING SIZE  
**1**

SERVINGS PER PACKAGE  
**1**

MANUFACTURER INFO  
**CBD Living Water**

## Chemical Residue

No Analytes Detected

**PASS**

## Chemical Residue GC

No Analytes Detected

**PASS**

## Residual Solvent

Isopropyl Alcohol: 130.1 ug/g, Ethanol: 5.961 ug/g, Methanol: 4.686 ug/g, and 1 more analytes detected

**PASS**

## Microbial qPCR

No Analytes Detected

**PASS**

## Heavy Metals

Lead: <LLOQ

**PASS**

## Mycotoxins

No Analytes Detected

**PASS**

## Potency

Not Tested

**NT**

## Filth and Foreign Material

Not Tested

**NT**

**CHEMICAL RESIDUE ANALYSIS** 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
Flonicamid	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
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	Sample Prepped 10/02/2019 18:38	Sample Approved 10/05/2019 11:37
Instrument: LC-MS/MS	Sample Analyzed 10/02/2019 19:10	

## CHEMICAL RESIDUE GC ANALYSIS 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      Sample Prepped 10/02/2019 18:38      Sample Approved 10/03/2019 18:30  
 Instrument: GC-MS/MS      Sample Analyzed 10/02/2019 19:10

## RESIDUAL SOLVENT ANALYSIS 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	5.961 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	1.453 ug/g	0.2500	0.5000	5000	Pass
Hexane	ND	0.2500	0.5000	290.0	Pass	Isopropyl Alcohol	130.1 ug/g	0.2500	0.5000	5000	Pass
Methanol	4.686 ug/g	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      Sample Prepped 10/02/2019 16:05      Sample Approved 10/03/2019 16:37  
 Instrument: HS-GC-MS/FID      Sample Analyzed 10/02/2019 16:05

## MICROBIAL ANALYSIS 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      Sample Prepped 10/02/2019 06:30      Sample Approved 10/02/2019 14:06  
 Instrument: qPCR      Sample Analyzed 10/02/2019 06:56

**HEAVY METALS ANALYSIS** 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      Sample Prepped 10/03/2019 08:30      Sample Approved 10/03/2019 13:57  
 Instrument: ICP-MS      Sample Analyzed 10/03/2019 08:32

**MYCOTOXINS ANALYSIS** PASS

UNIT OF MEASUREMENT: Micrograms per Kilogram(ug/kg)

ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL		ANALYTE	RESULT	LOD	LLOQ	ACTION LEVEL	
Aflatoxin B1	ND	1.000	2.000		N/A	Aflatoxin B2	ND	2.000	5.000		N/A
Aflatoxin G1	ND	2.000	5.000		N/A	Aflatoxin G2	ND	2.000	5.000		N/A
Total Aflatoxins	ND	10.00	14.00	20.00	Pass	Ochratoxin A	ND	1.000	2.000	20.00	Pass

**ADDITIONAL INFORMATION**

Method: SOP-TECH-020      Sample Prepped 10/02/2019 18:38      Sample Approved 10/03/2019 15:54  
 Instrument: LC-MS/MS      Sample Analyzed 10/02/2019 18:42

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

**DATA REVIEWED AND APPROVED BY**



10/05/2019

Swetha Kaul, PhD  
Chief Scientific Officer

Date