



CERTIFICATE OF ANALYSIS



SAMPLE INFORMATION

Sample Name: Cat Hot Spot Foam
Sample Id: 133383
Received: 08/29/2019 12:37
Servings Per Pkg: 1
Overall Result: N/A

Sample Matrix: Topical
Collected: 08/29/2019 11:08
Serving Size: 1-3 pumps
Density: 1.0710 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: 263.6 mg per serving (2.234 mg/mL) (0.2086 %)
TOTAL CANNABINOIDS: 267.8 mg per serving (2.269 mg/mL) (0.2119 %)

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	<1 mg/ml (<1 mg/ml)	0.0100	0.0250	CBC	ND	0.0100	0.0250
THCv	ND	0.0100	0.0250	CBD	2.234 mg/mL (0.2086 %)	0.0100	0.0250
CBN	0.0352 mg/mL (0.0033 %)	0.0100	0.0250	CBDv	<1 mg/ml (<1 mg/ml)	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 08/30/2019 15:47
Sample Analyzed 08/30/2019 19:12

Sample Approved 09/03/2019 14:38





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

09/03/2019

Swetha Kaul, PhD
Chief Scientific Officer

Date





CERTIFICATE OF ANALYSIS



SAMPLE INFORMATION

Sample Name: Cat Hot Spot Foam
 Sample Id: 133382
 Received: 08/29/2019 12:37
 Servings Per Pkg: 1
 Overall Result: **Pass**

Sample Matrix: Topical
 Collected: 08/29/2019 11:07
 Serving Size: 1-3 pumps
 Density: 1.0710 g/ml

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





CERTIFICATE OF ANALYSIS

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 09/04/2019 07:27
Sample Analyzed 09/04/2019 07:29

Sample Approved 09/04/2019 18:55



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 09/04/2019 07:27
Sample Analyzed 09/04/2019 07:29

Sample Approved 09/04/2019 20:57



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	50.86 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	1.686 ug/g	0.2500	0.5000	5000 Pass
Methanol	12.87 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
Instrument: HS-GC-MS/FID

Sample Prepped 08/30/2019 17:09
Sample Analyzed 08/30/2019 17:09

Sample Approved 09/03/2019 19:51





CERTIFICATE OF ANALYSIS

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 Sample Prepped 08/30/2019 05:54 Sample Approved 08/30/2019 14:34
Instrument: qPCR Sample Analyzed 08/30/2019 08:48

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 Sample Prepped 08/30/2019 10:09 Sample Approved 09/03/2019 18:34
Instrument: ICP-MS Sample Analyzed 09/03/2019 10:56

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

09/04/2019

Swetha Kaul, PhD
Chief Scientific Officer

Date

