

Hawaiian Choice CBD Independent Lab Report

Markings in RED are by Hawaiian Choice to highlight key findings

Topical

Batch 6597

View any other batch by scanning QR code on the box or visit our website

Contaminants None Detected

Heavy Metals, Solvents, Pesticides

Microbial

Bacteria, molds, fungus, mycotoxins

None Detected

Manufacturing Date

THC None Detected

CBD 4.5mg per gram
- Bottle 45ml = 208.5mg
- Formula 1ml = 1.03g

CERTIFICATE OF ANALYSIS

Certificate ID: T20190709-01-1

Batch No.: 6597

QA Lot ID: N/A

Sample Name: 6597

Product Type: Topical

Sample Submission: 07/09/2019

Sampling Method: Client Sampled

Certificate Issued: 07/19/2019

Client: Hawaiian Choice CBD



Summary of Test Results

Test	Status
Foreign Material	PASS
Moisture Content	NA
Microbiological Impurities	PASS
Heavy Metals	PASS
Residual Solvents	PASS
Pesticide Residues	PASS

Heavy Metals

Analyte	Units	Result	State Limit
Arsenic	ppm	< LOQ	10.0
Cadmium	ppm	< LOQ	4.0
Lead	ppm	< LOQ	6.0
Mercury	ppm	< LOQ	2.0

Residual Solvents

Analyte	Units	Result	State Limit
Benzene	ppm	< LOQ	1
Butanes	ppm	< LOQ	800
Heptanes	ppm	< LOQ	500
Hexane	ppm	< LOQ	10
Toluene	ppm	< LOQ	1
Xylenes	ppm	< LOQ	1

Microbiological Contaminants

Analyte	Units	Result	State Limit
Total viable aer. bac.	Cfu/g	< LOD	10,000
Total yeast and mold	Cfu/g	ND	1,000
Total coliforms	Cfu/g	ND	100
Bile-tolerant GN bac.	Cfu/g	ND	100
E. coli	Cfu/g	ND	0
Salmonella spp.	Cfu/g	ND	0
Aspergillus flavus	Cfu/g	ND	≤ 1

Cannabinoid Profile

Analyte	Weight %	mg/g
Δ9-THC	< LOQ	< LOQ
THCA	< LOQ	< LOQ
CBD	0.5	4.5
CBDA	< LOQ	< LOQ
CBG	< LOQ	< LOQ
CBN	< LOQ	< LOQ
THCV	< LOQ	< LOQ
CBDV	< LOQ	< LOQ
CBDVA	< LOQ	< LOQ
CBGA	< LOQ	< LOQ
CBC	< LOQ	< LOQ
CBL	< LOQ	< LOQ
Theoretical Δ9-THC*	< LOQ	< LOQ
Theoretical CBD*	0.5	4.5

* Theoretical Δ9-THC and CBD calculations account for decarboxylation of THCA to THC and CBDA to CBD, respectively.
Theoretical Δ9-THC = (0.877 x THCA) + THC
Theoretical CBD = (0.877 x CBDA) + CBD

Foreign Material and Moisture Content

Test	Units	Result	State Limit
Foreign Material	%	Unremarkable	NA
Moisture Content	%		15

Microbiological Contaminants

Analyte	Units	Result	State Limit
Aspergillus fumigatus	Cfu/g	ND	≤ 1
Aspergillus niger	Cfu/g	ND	≤ 1
Aflatoxin B1	μg/kg	< LOQ	≤ 20
Aflatoxin B2	μg/kg	< LOQ	≤ 20
Aflatoxin G1	μg/kg	< LOQ	≤ 20
Aflatoxin G2	μg/kg	< LOQ	≤ 20
Ochratoxin A	μg/kg	< LOQ	≤ 20

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Pesticide Residues							
Analyte	Units	Result	State Limit	Analyte	Units	Result	State Limit
Abamectin B1a	ppm	< LOQ	1.0	Imazalil	ppm	< LOQ	1.0
Acephate	ppm	< LOQ	1.0	Imidacloprid	ppm	< LOQ	1.0
Acequinocyl	ppm	< LOQ	1.0	Kresoxim-Methyl	ppm	< LOQ	1.0
Acetamiprid	ppm	< LOQ	1.0	Malathion	ppm	< LOQ	1.0
Aldicarb	ppm	< LOQ	1.0	Metalaxyl	ppm	< LOQ	1.0
Azoxystrobin	ppm	< LOQ	1.0	Methiocarb	ppm	< LOQ	1.0
Bifenazate	ppm	< LOQ	1.0	Methomyl	ppm	< LOQ	1.0
Bifenthrin	ppm	< LOQ	1.0	Methyl Parathion	ppm	< LOQ	1.0
Boscalid	ppm	< LOQ	1.0	MGK-264*	ppm	< LOQ	1.0
Carbaryl	ppm	< LOQ	1.0	Myclobutanil	ppm	< LOQ	1.0
Carbofuran	ppm	< LOQ	1.0	Naled	ppm	< LOQ	1.0
Chlorantraniliprole	ppm	< LOQ	1.0	Oxamyl	ppm	< LOQ	1.0
Chlorfenapyr	ppm	< LOQ	1.0	Paclobutrazol	ppm	< LOQ	1.0
Chlorpyrifos	ppm	< LOQ	1.0	Permethrins*	ppm	< LOQ	1.0
Clofentezine	ppm	< LOQ	1.0	Phosmet	ppm	< LOQ	1.0
Cyfluthrin*	ppm	< LOQ	1.0	Piperonyl Butoxide	ppm	< LOQ	1.0
Cypermethrin*	ppm	< LOQ	1.0	Prallethrin*	ppm	< LOQ	1.0
DDVP (Dichlorvos)	ppm	< LOQ	1.0	Propiconazole*	ppm	< LOQ	1.0
Diazinon	ppm	< LOQ	1.0	Propoxur	ppm	< LOQ	1.0
Dimethoate	ppm	< LOQ	1.0	Pyrethrins*	ppm	< LOQ	1.0
Ethoprophos	ppm	< LOQ	1.0	Pyridaben	ppm	< LOQ	1.0
Etofenprox	ppm	< LOQ	1.0	Spinosad*	ppm	< LOQ	1.0
Etoxazole	ppm	< LOQ	1.0	Spiromesifen	ppm	< LOQ	1.0
Fenpyroximate	ppm	< LOQ	1.0	Spirotetramat	ppm	< LOQ	1.0
Fipronil	ppm	< LOQ	1.0	Tebuconazole	ppm	< LOQ	1.0
Flonicamid	ppm	< LOQ	1.0	Thiacloprid	ppm	< LOQ	1.0
Fludioxonil	ppm	< LOQ	1.0	Thiamethoxam	ppm	< LOQ	1.0
Hexythiazox	ppm	< LOQ	1.0	Trifloxystrobin	ppm	< LOQ	1.0

* For cyfluthrin, cypermethrin, MGK-264, permethrins, prallethrin, propiconazole, spinosad, and pyrethrins (pyrethrin I and II), the reported results are the sum of isomers.

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*****Electronically Signed Out By Tai-Yuan David Lin, MD, PhD*****
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