

1K - 1000mg Citrus CBD Oil

Sample ID: 2102CSALA4485.1463

Matrix: Concentrates & Extracts

Type: Tincture

Sample Size: 1 units

Batch Size:

Batch#: 1K072201

Produced: 01/06/2021

Collected: 02/01/2021

Received: 02/01/2021

Completed: 02/04/2021

Client

HDBIO LAB

Lic. #

517 E 3rd St.

Hobart, IN 46342



Summary

Pass

1370.7820 mg/package Total Cannabinoids	Not Tested Pesticides	Pass Residual Solvents
Not Tested Microbials	Not Tested Mycotoxins	Not Tested Heavy Metals

Cannabinoids

Pass

Testing method: HPLC-SOP 101

Analyte	LOD	LOQ	Results	Results
	mg/g	mg/g	mg/package	mg/ml
CBD	0.0046	0.0474	1225.7715	40.8591
CBG	0.0122	0.0474	75.0228	2.5008
CBC	0.0015	0.0474	35.8832	1.1961
CBN	0.0029	0.0474	31.3383	1.0446
CBDV	0.0095	0.0474	2.7662	0.0922
CBDa	0.0063	0.0474	ND	ND
CBGa	0.0058	0.0474	ND	ND
THCa	0.0027	0.0474	ND	ND
THCV	0.0092	0.0474	ND	ND
Δ8-THC	0.0044	0.0474	ND	ND
Δ9-THC	0.0034	0.0474	ND	ND
Total			1370.7820	45.6927

ND Total THC	1225.7715 mg/package Total CBD
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1 serving = 1 Dropper, 1.0 milliliters; Density = 0.9595 g/ml; 30.0 servings per package; 0.0 mg/package Total THC; 1225.7715 mg/package Total CBD;

Date Tested: 02/04/2021

Total THC = THCa * 0.877 + d9-THC

Total CBD = CBDa * 0.877 + CBD

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.

Terpenes

Complete

Testing method: HS-GC-FID - SOP 201

Analyte	LOD	LOQ	Results	Results
	%	%	%	mg/g
δ-Limonene	0.0052	0.0158	1.78	17.85
α-Pinene	0.0057	0.0174	0.55	5.50
Terpinolene	0.0055	0.0167	0.21	2.06
β-Myrcene	0.0079	0.0239	0.15	1.51
β-Caryophyllene	0.0057	0.0172	0.14	1.37
β-Pinene	0.0048	0.0146	0.13	1.27
γ-Terpinene	0.0055	0.0167	0.08	0.77
Linalool	0.0075	0.0227	ND	ND
Camphene	0.0054	0.0162	<LOQ	<LOQ
α-Bisabolol	0.0097	0.0293	ND	ND
δ-3-Carene	0.0053	0.0159	ND	ND
α-Terpinene	0.0054	0.0164	ND	ND
p-Cymene	0.0053	0.0161	ND	ND
α-Humulene	0.0057	0.0172	ND	ND
Caryophyllene Oxide	0.0287	0.0869	ND	ND
Eucalyptol	0.0057	0.0174	ND	ND
Geraniol	0.0067	0.0204	ND	ND
Guaial	0.011	0.0332	ND	ND
Isopulegol	0.0093	0.0281	ND	ND
Ocimene	0.0036	0.0124	ND	ND
trans-Nerolidol	0.0072	0.0218	ND	ND
Total			3.03	30.34

Date Tested: 02/04/2021

NT Moisture Moisture Analyzer SOP-103	NT Water Activity Water Activity Meter SOP-102	NT Foreign Matter Visual Inspection SOP-600
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ISO / IEC 17025:2017 ACCREDITED
LABORATORY
Accreditation No. 73653

Douglas Duncan
Lab Director
02/04/2021

Cecilia Melgar
COA Review
02/04/2021

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Residual Solvents

Testing method: HSGCMS-SOP 202

Pass

Analyte	LOD	LOQ	Limit	Results	Status
	µg/g	µg/g	µg/g	µg/g	
1,2-Dichloroethane	0.1553	0.4659	1	ND	Pass
Acetone	50.0	50.0	5000	ND	Pass
Acetonitrile	4.1	41.0	410	ND	Pass
Benzene	0.1941	0.6212	1	ND	Pass
Butane	50.0	500.0	5000	ND	Pass
Chloroform	0.3106	1.0095	1	ND	Pass
Ethanol	50.0	500.0	5000	ND	Pass
Ethyl acetate	50.0	500.0	5000	ND	Pass
Ethylene Oxide	0.1553	0.5048	1	ND	Pass
Ethyl ether	50.0	500.0	5000	ND	Pass
Heptane	50.0	500.0	5000	ND	Pass
Isopropyl alcohol	50.0	500.0	5000	ND	Pass
Methanol	30.0	300.0	3000	<LOQ	Pass
Methylene chloride	0.1165	0.3883	1	ND	Pass
Hexane	2.9	29.0	290	ND	Pass
Pentane	50.0	500.0	5000	ND	Pass
Propane	50.0	500.0	5000	ND	Pass
Toluene	8.9	89.0	890	ND	Pass
Trichloroethylene	0.1941	0.6601	1	ND	Pass
Total xylenes	21.7	217.0	2170	ND	Pass

Date Tested: 02/03/2021

LOQ = Limit of Quantitation; LOD = Limit of Detection; NT = Not Tested; ND = Not Detected.


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 Douglas Duncan
 Lab Director
 02/04/2021

 Cecilia Melgar
 COA Review
 02/04/2021