



CERTIFICATE OF ANALYSIS

PRODUCED: NOV 16 2020 REV. 1

SAMPLE ID: DHC-CBD TINCTURE

CLIENT INFORMATION

Doylestown Hemp Company

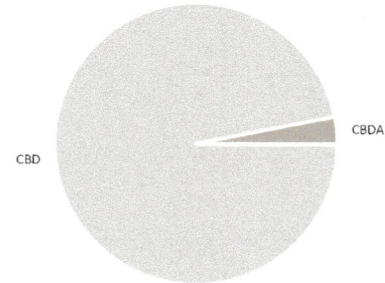


LABORATORY ID: 201112-0005
 SAMPLE ID: DHC-CBD Tincture
 BATCH / LOT ID: 1120CBD
 SAMPLE TYPE: Infused Product - Tincture
 RECEIVED: ZS 11/12/20

QUANTITATION OF CANNABINOID CONTENT BY UHPLC-PDA (SOP.102 // AOAC 2018.11 MOD)

ANALYZED: ZS 11/13/20

ANALYTE	wt%	mg/mL	LOQ wt%	mg/UNIT
CBC	<LOQ	<LOQ	0.02100	<LOQ
CBCA	<LOQ	<LOQ	0.04078	<LOQ
CBD	1.016	8.939	0.02100	268.2
CBDA	0.03245	0.2855	0.02100	8.566
CBDV	<LOQ	<LOQ	0.02100	<LOQ
CBDVA	<LOQ	<LOQ	0.02100	<LOQ
CBG	<LOQ	<LOQ	0.02100	<LOQ
CBGA	<LOQ	<LOQ	0.02100	<LOQ
CBL	<LOQ	<LOQ	0.02100	<LOQ
CBN	<LOQ	<LOQ	0.02100	<LOQ
THCA	<LOQ	<LOQ	0.02100	<LOQ
THCV	<LOQ	<LOQ	0.02100	<LOQ
THCVA	<LOQ	<LOQ	0.02100	<LOQ
Δ8THC	<LOQ	<LOQ	0.02100	<LOQ
Δ9THC	<LOQ	<LOQ	0.02100	<LOQ



TOTAL THC	<LOQ	± 0.0000 %	<LOQ
TOTAL CBD	1.044 %		275.7 mg
TOTAL CBG	<LOQ		<LOQ
TOTAL CANNABINOIDS	1.048 %		276.7 mg

UNIT: 1 Bottle
 *UNIT AMT: 30 mL
 DENSITY: 0.88 g/mL

*Client Provided Unit Volume/Mass

QUANTITATION OF METAL AND METALLOIDS BY ICPMS (SOP.502)

NOT ANALYZED

MOISTURE CONTENT (SOP.702), WATER ACTIVITY (SOP.704 // ASTM D8196), FOREIGN MATERIAL SCREEN (SOP.706)

NOT ANALYZED

Approved By Technical Manager

11/16/2020
Date

Approved By Laboratory Manager

11/16/2020
Date

Dry wt% of cannabinoids, if reported, is calculated using the dried weight determined by the moisture content prior to extraction, indicated as "Moisture Content (for dry wt%)."
 Total THC, Total CBD, and Total CBG is determined by THCA*0.877+Δ9THC, CBDA*0.877+CBD, and CBGA*0.878+CBG. LOQ = Limit of Quantitation. Pass/Fail THC criteria, if listed, is based upon USDA hemp testing guidelines (uncertainty - total THC ≤ 0.3% THC).
 Action levels vary from state to state. Action levels reported for contaminants are based upon California, Colorado, and/or Michigan state medical high-THC cannabis limits, and are used as suggested action levels by Trichome Analytical for hemp. The results relate only to the samples tested and for the specific tests conducted. This certificate can only be reproduced in full.