



# Caribbean Natural Products Inc.

Uniqz and Exotic Cosmetic Materials  
For Hair, Skin, Body and Soul

763850

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## Certificate of Analysis

CBD Isolate 99% (CANNABIDIOL) is derived from Industrial Hemp, grown and processed in the United States in compliance with Section 7606 of the Farm Bill and all applicable State dept of Agriculture regulations. The CRYSTALLINE CANNABIDIOL is isolated through CO 2 Extraction and crystal precipitation. CBD content is double validated through HPLC and Convergence Chromatography

Lot # - LM0924

Caribpure CBD Isolate 99.7%

Manufacture Date: September 2019

Expiration Date: September 2021

OBSERVATION	METHOD	RESULTS
Description	GROSS VISUAL MICROSCOPE	Crystalline Powder
Foreign Matter	GROSS VISUAL MICROSCOPE	Negative
Color	GROSS VISUAL MICROSCOPE	White
Molds and Mildews	GROSS VISUAL MICROSCOPE	Negative
Smell	GROSS VISUAL MICROSCOPE	Negative
Feel	GROSS VISUAL MICROSCOPE	Crystalline, fine
PHYSICAL IDENTIFICATION		Result: PASS
Moisture%	AOAC 4.1.03	<1%
MICROBIAL ANALYSIS		
Standard Plate count	BAM-3	NEGATIVE
Total Aflatoxin	AOAC 49.2.05	NEGATIVE
Total Yeast	BAM-18	NEGATIVE
Total Mold	BAM-18	NEGATIVE
CANNABINOID ANALYSIS		Result: PASS
Cannabidiol	HPLC-DAD	%wt/wt
Cannabidiolic Acid (CBDA)	HPLC-DAD	N/D
Cannabidiol (CBD)	HPLC-DAD	99.6%
Cannabidiol (CBD)	CONVERGENCE CHROMATOGRAPHY	99.85%
Cannabidiol (CBDV)	HLPC-DAD	0.15%
Tetrahydrocannabinolic Acid	HLPC-DAD	N/D
Δ-9- Tetrahydrocannabinol	HPLC-DAD	N/D
Cannabinol	HPLC-DAD	N/D
Cannabigerolic Acid	HPLC-DAD	N/D
TERPENE ANALYSIS		Result: PASS
Cis-Nerolidol	W-10-08	7 ppm



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[www.caribnaturalproducts.com](http://www.caribnaturalproducts.com)



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A-bisabolol	W-10-08	7 ppm
B-caryophyllene	W-10-08	10 ppm
Humulene	W-10-08	6 ppm



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Cayophllene Oxide	W-10-08	4 ppm
Linaool	W-10-08	1 ppm
A-phellandrene	W-10-08	2 ppm
<b>HEAVY METALS ANALYSIS</b>		<b>Result: PASS</b>
Arsenic	6010B	N/D
Cadmium	6010B	N/D
Chromium	6010B	N/D
Lead	6010B	N/D
Mercury	6010B	N/D
<b>PESTICIDE ANALYSIS</b>		<b>Result: PASS</b>
Multi Residue Pesticide	AOAC 2007.1	N/D
<b>RESIDUAL SOLVENT ANALYSIS</b>		<b>Result: PASS</b>
Hexanes	GC/MS HEADSPACE	N/D
Acetone	GC/MS HEADSPACE	N/D
Ethanol	GC/MS HEADSPACE	N/D
Isopropyl Alcohol	GC/MS HEADSPACE	N/D



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MILE HIGH LABS™

## Certificate of Analysis

Final Product: Cannabidiol Isolate

Date of Manufacture: 10/2019

Lot Number: IL1909I-047D

Test	Methodology	Specification	Test Results (Average)*	Pass/Fail	
Color and Appearance	TM-004 (Visual)	White, crystalline powder free of particulates	Conforms	Pass	
CBD Identification	TM-001 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass	
	TM-001 (DAD UV Spectrum)	UV Spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass	
CBD Potency (% w/w)	TM-001 (HPLC-DAD)	≥ 99%	98	Pass	
THC Content (% w/w)  Related Cannabinoid Content (%w/w)	THC	TM-001 (HPLC-DAD)	≤ LOQ†	ND	Pass
	THCA	TM-001 (HPLC-DAD)	≤ LOQ†	ND	Pass
	CBDA	TM-001 (HPLC-DAD)	Report	ND	N/A
	CBN	TM-001 (HPLC-DAD)	Report	ND	N/A
	CBDV	TM-001 (HPLC-DAD)	Report	0.28	N/A
	CBG	TM-001 (HPLC-DAD)	Report	ND	N/A
	Other (Highest)	TM-001 (HPLC-DAD)	Report	0.26	N/A
	Total	TM-001 (HPLC-DAD)	Report	0.52	N/A
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-001 (HPLC-DAD)	Report	98.44	N/A	
Residual Solvents (ppm)	Pentane	TM-005 (HS-GC-FID)	≤ 500 ppm	124	Pass
	Acetone	TM-005 (HS-GC-FID)	≤ 500 ppm	< LOQ	Pass
	Isopropyl Alcohol	TM-005 (HS-GC-FID)	≤ 500 ppm	< LOQ	Pass
	Hexane	TM-005 (HS-GC-FID)	≤ 25 ppm	ND	Pass

\* Number of replicates: 3

† TM-001 LOQ of 0.05% w/w for related cannabinoids.

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### Prepared by

DocuSigned by:

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Signing Reason: I am the author of this document  
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### Quality Approval

DocuSigned by:

Signer Name: Beth Grant  
Signing Reason: I approve this document  
Signing Time: 10/29/2019 | 10:50:05 AM PDT

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# Certificate of Analysis

Final Product: **Cannabidiol Isolate**  
 Date of Manufacture: **January 2020**

Lot Number: **IL 1912I-057A**

763850  
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Test	Methodology	Specification	Test Results (Average)*	Pass/Fail	
Visual	Color and Appearance	TM-004 (Visual)	White, crystalline powder free of particulates	Conforms	Pass
Cannabidiol Identification		TM-001 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
		TM-001 (DAD UV Spectrum)	UV Spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
CBD Potency	CBD(%w/w)	TM-001 (HPLC - DAD)	≥98 %w/w	98.1	Pass
THC Content	THC(%w/w)	TM-001 (HPLC - DAD)	≤0.05 %w/w <sup>1</sup>	ND	Pass
	THCA(%w/w)	TM-001 (HPLC - DAD)	≤0.05 %w/w <sup>1</sup>	ND	Pass
Related Cannabinoid Content	CBDA(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBN(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBDV(%w/w)	TM-001 (HPLC - DAD)	Report	0.268	NA
	CBG(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	Other (Highest RC)(%w/w)	TM-001 (HPLC - DAD)	Report	0.218	NA
	Total (RC)(%w/w)	TM-001 (HPLC - DAD)	Report	0.494	NA
Total Cannabinoids	(CBD plus total RCs)(% w/w)	TM-001 (HPLC - DAD)	Report	98.817	NA
Residual Solvents	Pentane(ppm)	TM-005 (HS-GC - FID)	≤500 ppm	114	Pass
	Acetone(ppm)	TM-005 (HS-GC - FID)	≤500 ppm	<LOQ	Pass
	Isopropyl Alcohol(ppm)	TM-005 (HS-GC - FID)	≤500 ppm	<LOQ	Pass
	Hexane(ppm)	TM-005 (HS-GC - FID)	≤25 ppm	<LOQ	Pass

\*Number of replicates: 22

<sup>1</sup>TM-001 LOQ of 0.05% w/w for related cannabinoids.

\*Full list of individual pesticide residues on file, Eurofins LOQ of 0.1 ppm for individual residues.

\*Contract Testing performed by Eurofins BioDiagnostics.

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Data Reviewed and Approved by: **Beth Grant**  
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