

Certificate of Analysis



Final Product: Cannabidiol Isolate
Date of Manufacture: 09/2019

Lot Number: IL1908I-045B

MILE HIGH LABS™

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)	≥ 98%	99.0	Pass	
THC Content (% w/w)	THC	TM-001 (HPLC-DAD)	≤ LOQ†	ND	Pass
	THCA	TM-001 (HPLC-DAD)	≤ LOQ†	ND	Pass
Related Cannabinoid Content (%w/w)	CBDA	TM-001 (HPLC-DAD)	Report	ND	N/A
	CBN	TM-001 (HPLC-DAD)	Report	ND	N/A
	CBDV	TM-001 (HPLC-DAD)	Report	0.27	N/A
	CBG	TM-001 (HPLC-DAD)	Report	ND	N/A
	Other (Highest)	TM-001 (HPLC-DAD)	Report	0.25	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	99.51	N/A	
Residual Solvents (ppm)	Pentane	TM-005 (HS-GC-FID)	≤ 500 ppm	151	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: 12

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

Prepared by

DocuSigned by:

David Dummer

Signer Name: David Dummer
Signing Reason: I am the author of this document
Signing Time: 9/30/2019 | 10:19:23 AM PDT

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Quality Approval

DocuSigned by:

Beth Grant

Signer Name: Beth Grant
Signing Reason: I approve this document
Signing Time: 9/30/2019 | 10:36:56 AM PDT

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