

# Certificate of Analysis

Final Product: Cannabidiol Isolate

Lot Number: IL1905I-033A



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†	Pass	
	THCA	TM-001 (HPLC-DAD)	≤ LOQ†	Pass	
Related Cannabinoid Content (%w/w)	CBDA	TM-001 (HPLC-DAD)	Report	N/A	
	CBN	TM-001 (HPLC-DAD)	Report	N/A	
	CBDV	TM-001 (HPLC-DAD)	Report	0.28	
	Other (Highest)	TM-001 (HPLC-DAD)	Report	0.25	
	Total	TM-001 (HPLC-DAD)	Report	0.53	
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	145	Pass
	Acetone	TM-005 (HS-GC-FID)	≤ 500 ppm	ND	Pass
	Isopropyl Alcohol	TM-005 (HS-GC-FID)	≤ 500 ppm	< LOQ	Pass
	Hexane	TM-005 (HS-GC-FID)	≤ 25 ppm	< LOQ	Pass

\* Number of replicates: 19

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

## Prepared by

DocuSigned by:

*Joshua Cogell*



Signer Name: Joshua Cogell  
 Signing Reason: I am the author of this document  
 Signing Time: 6/25/2019 2:41:54 PM PDT

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## Quality Approval

DocuSigned by:

*Josh Harrelson*



Signer Name: Josh Harrelson  
 Signing Reason: I approve this document  
 Signing Time: 6/25/2019 3:21:00 PM PDT

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