

# Certificate of Analysis

Final Product: Cannabidiol Isolate

Lot Number: L2105I018

Date of Manufacture: May 2021



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	
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 (% w/w)	(%w/w) TM-001 (HPLC - DAD)	>=98 %w/w	99.1	Pass	
THC Content (% w/w)	THC(%w/w)	TM-001 (HPLC - DAD)	≤0.05 %w/w <sup>1</sup>	<LOQ	Pass
	THCA(%w/w)	TM-001 (HPLC - DAD)	≤ Limit of Quantification <sup>1</sup>	ND	Pass
	Total THC (THC + THCA*0.877)(%w/w)	TM-001 (HPLC - DAD)	≤0.05 %w/w <sup>1</sup>	ND	Pass
Related Cannabinoid Content (% w/w)	CBN(%w/w)	TM-001 (HPLC - DAD)	≤ Limit of Quantification <sup>1</sup>	ND	Pass
	cis-THC(%w/w)	TM-001 (HPLC - DAD)	≤ Limit of Quantification <sup>1</sup>	ND	Pass
	d8-THC(%w/w)	TM-001 (HPLC - DAD)	≤ Limit of Quantification <sup>1</sup>	ND	Pass
	THCV(%w/w)	TM-001 (HPLC - DAD)	≤ Limit of Quantification <sup>1</sup>	ND	Pass
	THCVA(%w/w)	TM-001 (HPLC - DAD)	≤ Limit of Quantification <sup>1</sup>	ND	Pass
	CBC(%w/w)	TM-001 (HPLC - DAD)	Report	<LOQ	NA
	CBCA(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBDA(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBDVA(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBDV(%w/w)	TM-001 (HPLC - DAD)	Report	0.317	NA
	CBE(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBGA(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBG(%w/w)	TM-001 (HPLC - DAD)	Report	<LOQ	NA
	CBL(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBLA(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBT(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	Total Unknowns(%w/w)	TM-001 (HPLC - DAD)	Report	0.187	NA
	Total (Sum of all observed RCs known and unknown) (%w/w)	TM-001 (HPLC - DAD)	Report	0.504	NA
Total Cannabinoids (CBD plus total RCs, % w/w)	(%w/w) TM-001 (HPLC - DAD)	Report	99.588	NA	
Residual Solvents	Pentane(ppm)	TM-005 (HS-GC - FID)	≤500 ppm	151	Pass
	Acetone(ppm)	TM-005 (HS-GC - FID)	≤500 ppm	<LOQ	Pass
	Isopropyl Alcohol(ppm)	TM-005 (HS-GC - FID)	≤500 ppm	<LOQ	Pass
	Ethanol(ppm)	TM-005 (HS-GC - FID)	≤500 ppm	<LOQ	Pass
	Methanol(ppm)	TM-005 (HS-GC - FID)	≤300 ppm	<LOQ	Pass
	Hexane(ppm)	TM-005 (HS-GC - FID)	≤25 ppm	<LOQ	Pass
Pesticides	Individual Pesticide Content (ppm) <sup>2</sup>	TM-011 (LC-MS)	Individual Pesticide Limit <sup>2</sup>	CONFORMS	Pass

Specification: FP001

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\*Number of replicates: 25

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

<sup>2</sup>Full table of individual pesticides and associated limits on file.

<sup>3</sup>Contract Testing performed by Eurofins BioDiagnostics.

**Data Reviewed and Approved by: Tim Ghelli**  
**6/8/2021 1:17:06 PM**

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