

Certificate of Analysis

Final Product: Cannabidiol Isolate
Date of Manufacture: June 2020

Lot Number: IL20061-008

763850



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	CBD(%w/w)	TM-001 (HPLC - DAD)	>=98 %w/w	98.9	Pass
THC Content	THC(%w/w)	TM-001 (HPLC - DAD)	≤ LOQ ¹	≤ LOQ	Pass
	THCA(%w/w)	TM-001 (HPLC - DAD)	Report ¹	ND	Pass
	Total THC(%w/w)	TM-001 (HPLC - DAD)	≤LOQ ¹	≤ LOQ	Pass
Related Cannabinoid Content	CBN(%w/w)	TM-001 (HPLC - DAD)	Report ¹	ND	Pass
	cis-THC(%w/w)	TM-001 (HPLC - DAD)	Report ¹	0.058	Pass
	delta 8-THC(%w/w)	TM-001 (HPLC - DAD)	Report ¹	ND	Pass
	THCV(%w/w)	TM-001 (HPLC - DAD)	Report ¹	<LOQ	Pass
	THCVA(%w/w)	TM-001 (HPLC - DAD)	Report ¹	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	0.375	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	ND	NA
	CBL(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBLA(%w/w)	TM-001 (HPLC - DAD)	Report	<LOQ	NA
	CBT(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	Total Unknowns(%w/w)	TM-001 (HPLC - DAD)	Report	0.209	NA
Total (Sum of all observed RCs known and unknown) (%w/w)	TM-001 (HPLC - DAD)	Report	0.585	NA	
Total Cannabinoids	(CBD plus total RCs)(% w/w)	TM-001 (HPLC - DAD)	Report	99.490	NA
Residual Solvents	Pentane(ppm)	TM-005 (HS-GC - FID)	≤500 ppm	147	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
	Ethanol(ppm)	TM-005 (HS-GC - FID)	≤500 ppm	<LOQ	Pass
	Methanol(ppm)	TM-005 (HS-GC - FID)	≤300 ppm	<LOQ	Pass

*Number of replicates: 21
¹TM-001 LOQ of 0.05% w/w for related cannabinoids.
²Full table of individual pesticides and associated limits on file.
³Contract Testing performed by Eurofins BioDiagnostics.

