

Certificate of Analysis

Final Product: Cannabidiol Isolate
Date of Manufacture: 07/2019

Lot Number: IL1906I-037



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%	99.6	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	0.17
	CBG	TM-001 (HPLC-DAD)	Report	ND
	Other (Highest)	TM-001 (HPLC-DAD)	Report	0.23
	Total	TM-001 (HPLC-DAD)	Report	0.47
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-001 (HPLC-DAD)	Report	100.03	N/A
Residual Solvents (ppm)	Pentane	TM-005 (HS-GC-FID)	≤ 500 ppm	194
	Acetone	TM-005 (HS-GC-FID)	≤ 500 ppm	ND
	Isopropyl Alcohol	TM-005 (HS-GC-FID)	≤ 500 ppm	< LOQ
	Hexane	TM-005 (HS-GC-FID)	≤ 25 ppm	< LOQ

* Number of replicates: 22

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

Prepared by

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Joshua Cogell
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