

Certificate of Analysis

Final Product: Cannabidiol Isolate

Lot Number: IL1904R-019



Test	Methodology	Specification	Test Results (Average) ¹	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%	100.0	Pass	
THC Content [% w/w]	THC	TM-001 (HPLC-DAD)	≤ LOQ ²	< LOQ	Pass
	THCA	TM-001 (HPLC-DAD)	≤ LOQ ²	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	0.25	N/A
	Other (Highest)	TM-001 (HPLC-DAD)	Report	0.23	N/A
	Total	TM-001 (HPLC-DAD)	Report	0.48	N/A
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-001 (HPLC-DAD)	Report	100.49	N/A	
Residual Solvents (ppm)	Pentane	TM-005 (HS-GC-FID)	≤ 500 ppm	133	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
Pesticides (Highest, ppm)	Individual Pesticide Content Test List ²	LC-MS ⁴	≤ LOQ ³	< LOQ	Pass
Elemental Impurities (ppm)	Arsenic	ICP-MS ⁴	< 1.5 ppm	ND	Pass
	Cadmium	ICP-MS ⁴	< 0.5 ppm	ND	Pass
	Lead	ICP-MS ⁴	< 1 ppm	< LOQ	Pass
	Mercury	ICP-MS ⁴	< 1.5 ppm	ND	Pass

¹Number of replicates: 10
²TM-001 LOQ of 0.05% w/w for related cannabinoids.
³Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues.
⁴Contract Testing performed by Eurofins BioDiagnostics.

Prepared by

Quality Approval

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