

Certificate of Analysis

Final Product: Isolate Softgel

Lot Number: C1901680

Strength: 30 mg

Date of Manufacture: 06/2019



Test	Methodology	Specification	Test Results (Average) ¹	Pass/Fail	
Color and Appearance	TM-004 (Visual)	Oval, dark amber softgel capsule containing clear to lightly hazy, amber, free flowing liquid.	Conforms	Pass	
Cannabidiol Identification	TM-010 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass	
	TM-010 (DAD UV Spectrum)	UV Spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass	
CBD Content (% of Label Claim)	TM-010 (HPLC-DAD)	90.0 – 110.0%	96.6	Pass	
THC Content (% w/w)	THC	TM-010 (HPLC-DAD)	LOQ	N/A	
	THCA	TM-010 (HPLC-DAD)	ND	N/A	
	Total THC	TM-010 (HPLC-DAD)	≤ 0.05%	Pass	
THCV Content (% w/w)	THCV	TM-010 (HPLC-DAD)	ND	N/A	
	Related Cannabinoid Content (%w/w)	CBDA	TM-010 (HPLC-DAD)	ND	N/A
CBN		TM-010 (HPLC-DAD)	ND	N/A	
CBDV		TM-010 (HPLC-DAD)	Report	0.012	N/A
CBG		TM-010 (HPLC-DAD)	Report	LOQ	N/A
Other (Highest)		TM-010 (HPLC-DAD)	Report	0.011	N/A
Total		TM-010 (HPLC-DAD)	Report	0.024	N/A
Total Cannabinoids (CBD plus total RCs, % w/w)		TM-010 (HPLC-DAD)	Report	4.114	N/A
Weight Variation	Average Fill Weight (mg)	USP<2091> ²	Report	513.2	N/A
	Minimum Weight (% of the Average)	USP<2091> ²	≥ 90.0%	96.5	Pass
	Maximum Weight (% of the Average)	USP<2091> ²	≤ 110.0%	104.6	Pass
Disintegration (By Rupture)	USP<2040> ²	Within 15 minutes	3 minutes	Pass	
Pesticides ³	Individual Pesticide Content Test List ⁴	LC-MS ⁵	Conforms ⁴	Pass	
	Elemental Impurities (ppm) ³	Arsenic (inorganic)	LC-MS ⁵	< 1.5 ppm	Pass
Cadmium		LC-MS ⁵	< 0.5 ppm	Pass	
Lead		LC-MS ⁵	< 0.5 ppm	Pass	
Mercury (total)		LC-MS ⁵	< 0.2 ppm	Pass	

¹ Number of replicates: 3

² Contract testing performed by Captek.

³ Results are reported per testing performed on the bulk product.

⁴ Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues.

⁵ Contract testing performed by Eurofins BioDiagnostics.

Prepared by

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 Signing Reason: I am the author of this document
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Quality Approval

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