

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)	Report	LOQ	N/A
	THCA	TM-010 (HPLC-DAD)	Report	ND	N/A
	Total THC	TM-010 (HPLC-DAD)	≤ 0.05%	LOQ	Pass
THCV Content (% w/w)	THCV	TM-010 (HPLC-DAD)	Report	ND	N/A
Related Cannabinoid Content (%w/w)	CBDA	TM-010 (HPLC-DAD)	Report	ND	N/A
	CBN	TM-010 (HPLC-DAD)	Report	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	Conforms	Pass
Elemental Impurities (ppm) ³	Arsenic (inorganic)	LC-MS ⁵	< 1.5 ppm	LOQ	Pass
	Cadmium	LC-MS ⁵	< 0.5 ppm	LOQ	Pass
	Lead	LC-MS ⁵	< 0.5 ppm	LOQ	Pass
	Mercury (total)	LC-MS ⁵	< 0.2 ppm	LOQ	Pass

¹ Number of replicates: 3

² Contract testing performed by Captek.

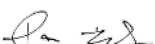
³ Results are reported per testing performed on the bulk product.

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

DocuSigned by:



Signer Name: Danaea Burgess
 Signing Reason: I am the author of this document
 Signing Time: 9/25/2019 | 3:34:56 PM PDT

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Quality Approval

DocuSigned by:

Beth Grant

Signer Name: Beth Grant
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 Signing Time: 9/25/2019 | 3:44:47 PM PDT

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