

Certificate of Analysis

Final Product: Isolate Softgel
Date of Manufacture: January 2021

Flavor: N/A

Strength: 30mg

Test	Methodology		Specification	Test Results (Average)*	Pass/Fail
Visual	Color and Appearance	TM-004 (Visual)	Oval, dark amber softgel capsule containing clear to lightly hazy, amber, free flowing liquid.	Conforms	Pass
Cannabinoid Identification	ID by RT	TM-003 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
	ID by UV	TM-003 (DAD Retention Time)	UV Spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
CBD Content	Assay (percent of label claim)(%)	TM-003 (HPLC - DAD)	90.0 - 110.0 %	101.3	Pass
	Assay(%w/w)	TM-003 (HPLC - DAD)	Report	5.981	NA
	Assay (mg / Softgel)	TM-003 (HPLC - DAD)	Report	30.390	NA
THC Content	THC(%w/w)	TM-003 (HPLC - DAD)	Report	0.001	NA
	THCA(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	Total THC(%w/w)	TM-003 (HPLC - DAD)	≤0.05 %w/w	0.001	Pass
Related Cannabinoid Content	CBN(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	cis-THC(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	d8-THC(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	THCV(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	THCVA(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	CBC(%w/w)	TM-003 (HPLC - DAD)	Report	0.001	NA
	CBDA(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	CBDVA(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	CBDV(%w/w)	TM-003 (HPLC - DAD)	Report	0.022	NA
	CBE(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	CBGA(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	CBG(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	CBL(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	CBT(%w/w)	TM-003 (HPLC - DAD)	Report	ND	NA
	Total (Sum of all observed RC)(%w/w)	TM-003 (HPLC - DAD)	Report	0.022	NA
Total Cannabinoids (CBD plus total RCs)	Total (CBD plus RC)(%w/w)	TM-003 (HPLC - DAD)	Report	6.003	NA
Weight Variation	Average Fill Weight(mg)	USP<2091> ¹	Report	508.1	NA
	Minimum Weight (Percent of the Average)	USP<2091> ¹	≥90.0	98.1	Pass
	Maximum Weight (Percent of the Average)	USP<2091> ¹	≤110.0	101.5	Pass
Disintegration (By Rupture)	USP 2040	USP<2040> ¹	Within 15 minutes	Conforms	Pass

*Number of replicates: 3

¹Contract Testing performed by Captek.

Data Reviewed and Approved by: **Tim Ghelli**
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