

Certificate of Analysis

Final Product: Bulk CBD Isolate Tincture Lot Number: BB2002B-153
 Flavor: Natural Strength: 1500mg
 Date of Manufacture: February 2020



Test	Methodology		Specification	Test Results (Average)*	Pass/Fail
Visual	Color and Appearance	TM-004 (Visual)	Clear or yellow to orange/red clear, flowing, liquid free of particulates	Conforms	Pass
Organoleptic	Aroma/Odor	TM-004 (Organoleptic)	Prominent labeled aroma	Conforms	Pass
Cannabidiol Identification	ID by Retention Time	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 UV Spectrum)	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 %	100.7	Pass
THC Content	THC(%w/w)	TM-003 (HPLC-DAD)	Report	ND	NA
	THCA(%w/w)	TM-003 (HPLC-DAD)	Report	ND	NA
	Total THC(%w/w)	TM-003 (HPLC-DAD)	<0.05 %w/w	ND	Pass
Related Cannabinoid Content	CBDA(%w/w)	TM-003 (HPLC-DAD)	Report	ND	NA
	CBN(%w/w)	TM-003 (HPLC-DAD)	Report	ND	NA
	CBDV(%w/w)	TM-003 (HPLC-DAD)	Report	0.017	NA
	CBG(%w/w)	TM-003 (HPLC-DAD)	Report	0.001	NA
	Other (Highest)(%w/w)	TM-003 (HPLC-DAD)	Report	0.014	NA
	Total (RC)(%w/w)	TM-003 (HPLC-DAD)	Report	0.037	NA
Total Cannabinoids	(CBD plus total RCs)(%w/w)	TM-003 (HPLC-DAD)	Report	5.244	NA

*Number of replicates: 3

*Full list of individual pesticide residues on file, Eurofins LOQ of 0.1 ppm for individual residues.

*Contract Testing performed by Eurofins BioDiagnostics.

Data Reviewed and Approved by: **Beth Grant**
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