

# Certificate of Analysis

Final Product: Tincture - CBD Isolate

Flavor: Natural

Strength: 3000mg  
CBD / 30mL



Date of Manufacture: May 2020

Manufacturing Lot: PB2005F154

Packaging Lots:

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 %	103.9	Pass
	Assay(%w/w)	TM-003 (HPLC-DAD)	Report	10.390	NA
THC Content	THC(%w/w)	TM-003 (HPLC-DAD)	Report	0.004	NA
	THCA(%w/w)	TM-003 (HPLC-DAD)	Report	ND	NA
	Total THC(%w/w)	TM-003 (HPLC-DAD)	≤0.05 %w/w	0.004	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
	delta 8-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	0.002	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	0.035	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	0.002	NA
	CBL(%w/w)	TM-003 (HPLC-DAD)	Report	ND	NA
	CBT(%w/w)	TM-003 (HPLC-DAD)	Report	ND	NA
	Total (RC)(%w/w)	TM-003 (HPLC-DAD)	Report	0.043	NA
Total Cannabinoids	(CBD plus total RCs)(%w/w)	TM-003 (HPLC-DAD)	Report	10.433	NA

\*Number of replicates: 3

<sup>1</sup>Full list of individual pesticide residues on file, Eurofins LOQ of 0.1 ppm for individual residues.

<sup>2</sup>Contract Testing performed by Eurofins BioDiagnostics.

Data Reviewed and Approved by: **Josh Harrelson**  
5/20/2020 9:06:27 PM