

# Certificate of Analysis



**Final Product:** Tincture - Cannabidiol Isolate

**Lot Number:** PB2002F-118

**Flavor:** Natural

**Strength:** 1500mg

**Date of Manufacture:** February 2020

Test	Methodology	Specification	Test Results (Average)*	Pass/Fail	
Color and Appearance - Product	TM-004 (Visual)	Clear or yellow to orange/red clear, flowing, liquid free of particulates	Conforms	Pass	
Aroma/Odor	TM-004 (Organoleptic)	Prominent labeled aroma	Conforms	Pass	
CBD Identification	TM-003 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass	
	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 (% of label claim)	TM-003 (HPLC-DAD)	90.0 – 110.0%	101.5	Pass	
THC Content (% w/w)	THC	TM-003 (HPLC-DAD)	Report	N/A	
	THCA	TM-003 (HPLC-DAD)	Report	N/A	
	Total THC	TM-003 (HPLC-DAD)	≤ 0.05%	Pass	
Related Cannabinoid Content (% w/w)	CBDA	TM-003 (HPLC-DAD)	Report	N/A	
	CBN	TM-003 (HPLC-DAD)	Report	N/A	
	CBDV	TM-003 (HPLC-DAD)	Report	0.017	N/A
	CBG	TM-003 (HPLC-DAD)	Report	ND	N/A
	Other (Highest)	TM-003 (HPLC-DAD)	Report	0.014	N/A
	Total	TM-003 (HPLC-DAD)	Report	0.037	N/A
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-003 (HPLC-DAD)	Report	5.287	N/A	

\* Number of replicates: 3

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

‡ Contract Testing performed by Eurofins BioDiagnostics.

## Prepared By

DocuSigned by:

Signer Name: Vanessa Johnson  
 Signing Reason: I am the author of this document  
 Signing Time: 2/27/2020 | 1:27:05 PM PST

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## Quality Approval

DocuSigned by:

Signer Name: Beth Grant  
 Signing Reason: I approve this document  
 Signing Time: 2/27/2020 | 1:38:41 PM PST

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