

# Certificate of Analysis

**Final Product:** Bulk CBD Distillate Tincture      **Lot Number:** BB2002B-158  
**Flavor:** Blood Orange      **Strength:** 500mg  
**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 %	103.0	Pass
THC Content	THC(%w/w) TM-003 (HPLC-DAD)	Report	0.027	NA
	THCA(%w/w) TM-003 (HPLC-DAD)	Report	ND	NA
	Total THC(%w/w) TM-003 (HPLC-DAD)	≤0.3 %w/w	0.027	Pass
Related Cannabinoid Content	CBDA(%w/w) TM-003 (HPLC-DAD)	Report	ND	NA
	CBN(%w/w) TM-003 (HPLC-DAD)	Report	0.004	NA
	CBDV(%w/w) TM-003 (HPLC-DAD)	Report	0.007	NA
	CBG(%w/w) TM-003 (HPLC-DAD)	Report	ND	NA
	Other (Highest)(%w/w) TM-003 (HPLC-DAD)	Report	0.166	NA
	Total (RC)(%w/w) TM-003 (HPLC-DAD)	Report	0.333	NA
Total Cannabinoids	(CBD plus total RCs)(% w/w) TM-003 (HPLC-DAD)	Report	2.050	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  
**2/21/2020 3:26:41 PM**