

# Certificate of Analysis

**Final Product:** Bulk CBD Isolate Tincture  
**Date of Manufacture:** November 2021  
**Manufacturing Lot:** B2111B269  
**Packaging Lots:**  
 210185

**Flavor:** Natural

**Strength:** 3000mg



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
Cannabinoid 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 %	97.7	Pass
	Assay(%w/w)	TM-003 (HPLC-DAD) Report	10.104	NA
THC Content (% w/w)	THC(%w/w)	TM-003 (HPLC-DAD) Report	0.001	NA
	THCA(%w/w)	TM-003 (HPLC-DAD) Report	ND	NA
	Total THC (THC + THCA*0.877)(%w/w)	TM-003 (HPLC-DAD) ≤0.05 %w/w	0.001	Pass
Related Cannabinoid Content (% w/w)	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	ND	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	0.037	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	0.001	NA
	Total (Sum of all observed Related Cannabinoids)(% w/w)	TM-003 (HPLC-DAD) Report	0.038	NA
	Total Cannabinoids (CBD plus total RCs, % w/w)	TM-003 (HPLC-DAD) Report	10.142	NA

\*Number of replicates: 3

**Data Reviewed and Approved by:** Tim Ghelli  
 11/24/2021 1:40:30 PM

Specification: FX013  
 Mfg Lot: B2111B269

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