

Certificate of Analysis

Final Product: Bulk CBD Isolate Tincture

Flavor: Blood Orange

Strength: 500mg

Date of Manufacture: September 2021

Manufacturing Lot: B2109B219

Packaging Lots:

210149

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
Cannabidiol 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 %	98.9	Pass
	Assay(%w/w)	TM-003 (HPLC-DAD) Report	1.704	NA
THC Content (% w/w)	THC(%w/w)	TM-003 (HPLC-DAD) Report	ND	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	ND	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	0.005	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	ND	NA
	Total (Sum of all observed Related Cannabinoids)(% w/w)	TM-003 (HPLC-DAD) Report	0.005	NA
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-003 (HPLC-DAD) Report	1.709	NA	

*Number of replicates: 3

Data Reviewed and Approved by: **Tim Ghelli**
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Specification: FX013
Mfg Lot: B2109B219

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