

Certificate of Analysis

Final Product: Bulk CBD Isolate Tincture
Date of Manufacture: January 2021
Manufacturing Lot: B2101B015
Packaging Lots:
 210021

Flavor: Blood Orange

Strength: 1000mg



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 %	101.2	Pass
	Assay(%w/w)	TM-003 (HPLC-DAD)	Report	3.489	NA
THC Content	THC(%w/w)	TM-003 (HPLC-DAD)	Report	ND	NA
	THCA(%w/w)	TM-003 (HPLC-DAD)	Report	ND	NA
	Total THC(%w/w)	TM-003 (HPLC-DAD)	≤0.05 %w/w	ND	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
	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	0.001	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	0.010	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 (RC)(%w/w)	TM-003 (HPLC-DAD)	Report	0.011	NA
Total Cannabinoids	(CBD plus total RCs)(%w/w)	TM-003 (HPLC-DAD)	Report	3.500	NA

*Number of replicates: 3

Data Reviewed and Approved by: **Tim Ghelli**
3/17/2021 9:37:45 AM