

Certificate of Analysis

Final Product: 365CBD Tincture

Flavor: Blood Orange

Strength: 1000mg

Lot Number: PL1906F-037

Date of Manufacture: 6/13/2019

Test		Methodology	Specification	Test Results (Average)*	Pass/Fail
Color and Appearance		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
Flavor		TM-004 (Organoleptic)	Prominent labeled taste	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%	99.3	Pass
THC Content	THC (% w/w)	TM-003 (HPLC-DAD)	≤ 0.003%	0.002	Pass
	Total THC/ Container (mg)	TM-003 (HPLC-DAD)	≤ 1 mg	0.580	Pass
THCV Content	THCV (% w/w)	TM-003 (HPLC-DAD)	≤ 0.003%	ND	Pass
	Total THCV/ Container (mg)	TM-003 (HPLC-DAD)	≤ 1 mg	ND	Pass
Related Cannabinoid Content (% w/w)	CBDA	TM-003 (HPLC-DAD)	Report	ND	N/A
	CBDV	TM-003 (HPLC-DAD)	Report	0.005	N/A
	CBN	TM-003 (HPLC-DAD)	Report	ND	N/A
	CBG	TM-003 (HPLC-DAD)	Report	ND	N/A
	Other (Highest)	TM-003 (HPLC-DAD)	Report	0.006	N/A
	Total	TM-003 (HPLC-DAD)	Report	0.014	N/A
Total Cannabinoids (CBD plus total RCs, % w/w)		TM-003 (HPLC-DAD)	Report	3.439	N/A
Pesticides (Highest, ppm)	Individual Pesticide Content Test List†	LC-MS‡	Conforms†	< LOQ	Pass
Elemental Impurities (ppm)	Arsenic	ICP-MS‡	< 1.5 ppm	0.019	Pass
	Cadmium	ICP-MS‡	< 0.5 ppm	ND	Pass
	Lead	ICP-MS‡	< 0.5 ppm	0.005	Pass
	Mercury	ICP-MS‡	< 1.5 ppm	0.003	Pass

* Number of replicates: 3

† Full list of individual pesticide residues on file, Westwood LOQ of 0.05ppm-4mg/kg for individual residues.

‡ Contract Testing performed by Westwood Laboratories.

Prepared by

DocuSigned by:

Joshua Cogell



Signer Name: Joshua Cogell

Signing Reason: I am the author of this document

Signing Time: 7/8/2019 10:52:56 AM PDT

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Quality Approval

DocuSigned by:

Josh Harrelson



Signer Name: Josh Harrelson

Signing Reason: I approve this document

Signing Time: 7/8/2019 1:13:06 PM PDT

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