

Certificate of Analysis

Final Product: Tincture - Cannabidiol Isolate

Lot Number: PX1912F-100

Flavor: Peppermint

Strength: 500 mg

Date of Manufacture: 11/2019

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	
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%	95.8	Pass	
THC Content (% w/w)	THC	TM-003 (HPLC-DAD)	Report	ND	N/A
	THCA	TM-003 (HPLC-DAD)	Report	ND	N/A
	Total THC	TM-003 (HPLC-DAD)	≤ 0.05%	ND	Pass
Related Cannabinoid Content (% w/w)	CBDA	TM-003 (HPLC-DAD)	Report	ND	N/A
	CBN	TM-003 (HPLC-DAD)	Report	ND	N/A
	CBDV	TM-003 (HPLC-DAD)	Report	0.006	N/A
	CBG	TM-003 (HPLC-DAD)	Report	ND	N/A
	Other (Highest)	TM-003 (HPLC-DAD)	Report	0.010	N/A
	Total	TM-003 (HPLC-DAD)	Report	0.032	N/A
	Total Cannabinoids (CBD plus total RCs. % w/w)	TM-003 (HPLC-DAD)	Report	1.684	N/A
Pesticides (Highest, ppm)	Individual Pesticide Content Test List [‡]	LC-MS [‡]	Conforms [†]	< LOQ	Pass
Elemental Impurities (ppm)	Arsenic	ICP-MS [‡]	< 1.0 ppm	< LOQ	Pass
	Cadmium	ICP-MS [‡]	< 0.4 ppm	< LOQ	Pass
	Lead	ICP-MS [‡]	< 0.5 ppm	< LOQ	Pass
	Mercury (Total)	ICP-MS [‡]	< 0.2 ppm	0.008	Pass

* Number of replicates: 3

† Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues.

‡ Contract Testing performed by Eurofins BioDiagnostics.

Prepared By

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Quality Approval

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Signer Name: Beth Grant
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