

Certificate of Analysis



Final Product: Tincture - Hemp Oil Distillate
Flavor: Peppermint
Date of Manufacture: 05/19

Strength: 1000mg

Lot Number: PL1905F-033

MILE HIGH LABS™

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	
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%	96.6	Pass	
THC Content (% w/w)	THC	TM-003 (HPLC-DAD)	Report	0.077	N/A
	THCA	TM-003 (HPLC-DAD)	Report	ND	N/A
	Total THC	TM-003 (HPLC-DAD)	≤ 0.3%	0.077	Pass
Related Cannabinoid Content (% w/w)	CBDA	TM-003 (HPLC-DAD)	Report	ND	N/A
	CBN	TM-003 (HPLC-DAD)	Report	0.008	N/A
	CBDV	TM-003 (HPLC-DAD)	Report	0.015	N/A
	CBG	TM-003 (HPLC-DAD)	Report	0.022	N/A
	Other (Highest)	TM-003 (HPLC-DAD)	Report	0.149	N/A
	Total	TM-003 (HPLC-DAD)	Report	0.371	N/A
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-003 (HPLC-DAD)	Report	3.701	N/A	
Pesticides (Highest, ppm)	Individual Pesticide Content Test List†	LC-MS‡	Conforms†	Conforms	Pass
Elemental Impurities (ppm)	Arsenic	ICP-MS‡	< 1.5 ppm	< LOQ	Pass
	Cadmium	ICP-MS‡	< 0.5 ppm	< LOQ	Pass
	Lead	ICP-MS‡	< 0.5 ppm	< LOQ	Pass
	Mercury	ICP-MS‡	< 1.5 ppm	< LOQ	Pass

* Number of replicates: 4

† 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

DocuSigned by:

Signer Name: Josh Harrelson
 Signing Reason: I approve this document
 Signing Time: 9/4/2019 | 1:53:27 PM PDT

15E509A466BE44BAB51EC15D7A083509

Quality Approval

DocuSigned by:

Signer Name: Beth Grant
 Signing Reason: I approve this document
 Signing Time: 9/4/2019 | 4:14:33 PM PDT

601DBDEA79BB4F4C8D9E7AF3E31F80D7