

Certificate of Analysis

Final Product: Broad Spectrum THC-Free Distillate

Lot Number: B2109B226

Date of Manufacture: September 15, 2021



MILE HIGH LABS™

Test	Methodology	Specification	Test Results (Average)*	Pass/Fail	
Color and Appearance	TM-004 (Visual)	Amber, solid or semi-solid at room temperature	Conforms	Pass	
Cannabinoid Identification	TM-001 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass	
	TM-001 (DAD UV Spectrum)	UV Spectrum of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass	
CBD Potency (% w/w)	(%w/w) TM-001 (HPLC - DAD)	80 - 90 %w/w	86.6	Pass	
THC Content	THC(%w/w)	TM-001 (HPLC - DAD) ≤0.1 %w/w	0.039	Pass	
	THCA(%w/w)	TM-001 (HPLC - DAD) ≤0.1 %w/w	ND	Pass	
	Total THC (THC + THCA*0.877)(%w/w)	TM-001 (HPLC - DAD) ≤0.1 %w/w	0.039	Pass	
Related Cannabinoid Content (% w/w)	CBN(%w/w)	TM-001 (HPLC - DAD) ≤0.1 %w/w	0.051	Pass	
	cis-THC(%w/w)	TM-001 (HPLC - DAD) ≤0.1 %w/w	<LOQ	Pass	
	d8-THC(%w/w)	TM-001 (HPLC - DAD) ≤0.1 %w/w	ND	Pass	
	THCV(%w/w)	TM-001 (HPLC - DAD) ≤0.1 %w/w	0.069	Pass	
	THCVA(%w/w)	TM-001 (HPLC - DAD) ≤0.1 %w/w	ND	Pass	
	CBC(%w/w)	TM-001 (HPLC - DAD) Report	<LOQ	NA	
	CBCA(%w/w)	TM-001 (HPLC - DAD) Report	ND	NA	
	CBDA(%w/w)	TM-001 (HPLC - DAD) Report	ND	NA	
	CBDVA(%w/w)	TM-001 (HPLC - DAD) Report	ND	NA	
	CBDV(%w/w)	TM-001 (HPLC - DAD) Report	1.210	NA	
	CBE(%w/w)	TM-001 (HPLC - DAD) Report	1.850	NA	
	CBGA(%w/w)	TM-001 (HPLC - DAD) Report	ND	NA	
	CBG(%w/w)	TM-001 (HPLC - DAD) Report	3.708	NA	
	CBL(%w/w)	TM-001 (HPLC - DAD) Report	ND	NA	
	CBLA(%w/w)	TM-001 (HPLC - DAD) Report	ND	NA	
	CBT(%w/w)	TM-001 (HPLC - DAD) Report	ND	NA	
	Total Unknowns(%w/w)	TM-001 (HPLC - DAD) Report	3.538	NA	
	Total (Sum of all observed RCs known and unknown) (%w/w)	TM-001 (HPLC - DAD) Report	10.427	NA	
	Total Cannabinoids (CBD plus total RCs, (% w/w))	(%w/w) TM-001 (HPLC - DAD)	Report	96.993	NA
	Residual Solvents	Methanol(ppm)	TM-005 (HS-GC - FID) ≤300 ppm	<LOQ	Pass
Pentane(ppm)		TM-005 (HS-GC - FID) ≤500 ppm	<LOQ	Pass	
Acetone(ppm)		TM-005 (HS-GC - FID) ≤500 ppm	<LOQ	Pass	
Isopropyl Alcohol(ppm)		TM-005 (HS-GC - FID) ≤500 ppm	<LOQ	Pass	
Ethanol(ppm)		TM-005 (HS-GC - FID) ≤500 ppm	<LOQ	Pass	
Hexanes, Total(ppm)		TM-005 (HS-GC - FID) ≤25 ppm	<LOQ	Pass	
Heptanes, Total(ppm)		TM-005 (HS-GC - FID) ≤500 ppm	<LOQ	Pass	

Specification: FX019

2555 W. Midway Blvd Broomfield, CO 80020

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Pesticides	Individual Pesticide Content ¹	TM-011 (LC-MS)	Individual Pesticide Limit ¹	CONFORMS	Pass
Elemental Impurities	Arsenic(ppm)	ICP-MS ²	<1.0 ppm	<LOQ	Pass
	Cadmium(ppm)	ICP-MS ²	<0.4 ppm	<LOQ	Pass
	Lead(ppm)	ICP-MS ²	<0.5 ppm	<LOQ	Pass
	Mercury (Total)(ppm)	ICP-MS ²	<0.2 ppm	<LOQ	Pass
Mycotoxins	B ₁ (AFB ₁)(ppb)	USP<561> ²	≤2 ppb	<0.500	Pass
	B ₂ (AFB ₂)(ppb)	USP<561> ²	≤0.5 ppb	<0.500	Pass
	G ₁ (AFG ₁)(ppb)	USP<561> ²	≤0.5 ppb	<0.500	Pass
	G ₂ (AFG ₂)(ppb)	USP<561> ²	≤0.5 ppb	<0.500	Pass
	Ochratoxin A(ppb)	USP<561> ²	≤1.0 ppb	<1.00	Pass
	Total(ppb)	USP<561> ²	≤4 ppb	<2.00	Pass

¹Number of replicates: 3

¹Full table of individual pesticides and associated limits on file.

²Contract Testing performed by Eurofins BioDiagnostics.

Data Reviewed and Approved by: Tim Ghelli
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