

# Certificate of Analysis

**Final Product:** Flowform Distillate  
**Date of Manufacture:** June 2020

**Lot Number:**

Test	Methodology	Specification	Test Results (Average)*	Pass/Fail		
Visual	Color and Appearance	TM-004 (Visual)	Amber, semifluid 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	CBD(%w/w)	TM-001 (HPLC - DAD)	45.000 - 60.000 %w/w	52.5	Pass	
THC Content	THC(%w/w)	TM-001 (HPLC - DAD)	≤0.2 %w/w	0.120	Pass	
	THCA(%w/w)	TM-001 (HPLC - DAD)	≤0.2 %w/w	ND	Pass	
Related Cannabinoid Content	Total THC(%w/w)	TM-001 (HPLC - DAD)	≤0.2 %w/w	0.120	Pass	
CBG Content	CBG(%w/w)	TM-001 (HPLC - DAD)	≥2.5 %w/w	14.651	Pass	
Related Cannabinoid Content	CBN(%w/w)	TM-001 (HPLC - DAD)	Report	0.199	NA	
	cis-THC(%w/w)	TM-001 (HPLC - DAD)	Report	0.053	NA	
	delta 8-THC(%w/w)	TM-001 (HPLC - DAD)	Report	<LOQ	NA	
	THCV(%w/w)	TM-001 (HPLC - DAD)	Report	0.253	NA	
	THCVA(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA	
	CBC(%w/w)	TM-001 (HPLC - DAD)	Report	0.133	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	2.681	NA	
	CBE(%w/w)	TM-001 (HPLC - DAD)	Report	7.442	NA	
	CBGA(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA	
	CBL(%w/w)	TM-001 (HPLC - DAD)	Report	<LOQ	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	11.556	NA	
	Total (Sum of all observed RCs known and unknown) (%w/w)	TM-001 (HPLC - DAD)	Report	37.089	NA	
	Total Cannabinoids	(CBD plus total RCs)(%w/w)	TM-001 (HPLC - DAD)	Report	89.555	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	
Hexanes, Total(ppm)		TM-005 (HS-GC - FID)	≤25 ppm	<LOQ	Pass	
Heptanes, Total(ppm)		TM-005 (HS-GC - FID)	≤500 ppm	<LOQ	Pass	
Ethanol(ppm)		TM-005 (HS-GC - FID)	≤500 ppm	<LOQ	Pass	
Pesticides	Individual Pesticide Content (ppm) <sup>†</sup>	TM-011 (LC-MS)	Individual Pesticide Limit <sup>†</sup>	CONFORMS	Pass	

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Elemental Impurities	Arsenic(ppm)	LC-MS <sup>2</sup>	<1.0 ppm	<LOQ	Pass
	Cadmium(ppm)	LC-MS <sup>2</sup>	<0.4 ppm	<LOQ	Pass
	Lead(ppm)	LC-MS <sup>2</sup>	<0.5 ppm	<LOQ	Pass
	Mercury(ppm)	LC-MS <sup>2</sup>	<0.2 ppm	<LOQ	Pass
Mycotoxins	B1 (AFB1)(ppb)	USP<561> <sup>2</sup>	≤2 ppb	<LOQ	Pass
	B2 (AFB2)(ppb)	USP<561> <sup>2</sup>	≤0.5 ppb	<LOQ	Pass
	G1 (AFG1)(ppb)	USP<561> <sup>2</sup>	≤0.5 ppb	<LOQ	Pass
	G2 (AFG2)(ppb)	USP<561> <sup>2</sup>	≤0.5 ppb	<LOQ	Pass
	Total(ppb)	USP<561> <sup>2</sup>	≤4 ppb	<LOQ	Pass

\*Number of replicates: 3

<sup>†</sup>Full table of individual pesticides and associated limits on file.

<sup>2</sup>Contract Testing performed by Eurofins BioDiagnostics.