

# Certificate of Analysis

Final Product: Flowform Distillate

Lot Number: BB2008B-278

Date of Manufacture: July 2020

Test	Methodology		Specification	Test Results (Average)*	Pass/Fail
Visual	Color and Appearance	TM-004 (Visual)	Amber, semifluid at room temperature.	Conforms	Pass
Cannabidiol 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	47.5	Pass
THC Content	THC(%w/w)	TM-001 (HPLC - DAD)	≤0.2 %w/w	0.058	Pass
	THCA(%w/w)	TM-001 (HPLC - DAD)	≤0.2 %w/w	ND	Pass
	Total THC(%w/w)	TM-001 (HPLC - DAD)	≤0.2 %w/w	0.058	Pass
CBG Content	CBG(%w/w)	TM-001 (HPLC - DAD)	≥2.5 %w/w	10.068	Pass
Related Cannabinoid Content	CBN(%w/w)	TM-001 (HPLC - DAD)	Report	0.189	NA
	cis-THC(%w/w)	TM-001 (HPLC - DAD)	Report	0.058	NA
	delta 8-THC(%w/w)	TM-001 (HPLC - DAD)	Report	0.071	NA
	THCV(%w/w)	TM-001 (HPLC - DAD)	Report	0.221	NA
	THCVA(%w/w)	TM-001 (HPLC - DAD)	Report	ND	NA
	CBC(%w/w)	TM-001 (HPLC - DAD)	Report	0.083	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	2.936	NA
	CBE(%w/w)	TM-001 (HPLC - DAD)	Report	13.916	NA
	CBGA(%w/w)	TM-001 (HPLC - DAD)	Report	ND	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	15.532	NA
	Total (Sum of all observed RCs known and unknown) (%w/w)	TM-001 (HPLC - DAD)	Report	43.026	NA
Total Cannabinoids	(CBD plus total RCs)(%w/w)	TM-001 (HPLC - DAD)	Report	90.459	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

Specification: FX027

2555 W. Midway Blvd Broomfield, CO 80020

Page 1/2

Lot: BB2008B-278

Pesticides	Individual Pesticide Content (ppm) <sup>1</sup>	TM-011 (LC-MS)	Individual Pesticide Limit <sup>1</sup>	CONFORMS	Pass
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

<sup>1</sup>Number of replicates: 3

<sup>1</sup>Full table of individual pesticides and associated limits on file.

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

**Data Reviewed and Approved by: Tim Ghelli**  
**9/23/2020 2:45:50 PM**