

Certificate of Analysis

Final Product: Flowform Distillate

Lot Number: BB2001B-141

Date of Manufacture: January 2020

Test	Methodology	Specification	Test Results (Average)*	Pass/Fail	
Color and Appearance - Product	TM-004 (Visual)	Amber, semifluid at room temperature.	Conforms	Pass	
CBD 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)	TM-001 (HPLC-DAD)	45 - 60%	58.0	Pass	
THC Content (% w/w)	THC	TM-001 (HPLC-DAD)	≤ 0.2%	0.137	Pass
	THCA	TM-001 (HPLC-DAD)	≤ 0.2%	ND	Pass
	Total THC	TM-001 (HPLC-DAD)	≤ 0.2%	0.137	Pass
CBG Content (% w/w)	CBG	TM-001 (HPLC-DAD)	≥ 2.5%	11.057	Pass
Related Cannabinoid Content (% w/w)	CBDA	TM-001 (HPLC-DAD)	Report	ND	N/A
	CBN	TM-001 (HPLC-DAD)	Report	0.085	N/A
	CBDV	TM-001 (HPLC-DAD)	Report	3.127	N/A
	Other (Highest)	TM-001 (HPLC-DAD)	Report	5.531	N/A
	Total	TM-001 (HPLC-DAD)	Report	30.382	N/A
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-001 (HPLC-DAD)	Report	88.415	N/A	
Residual Solvents (ppm)	Methanol	TM-005 (HS - GC - FID)	≤ 300 ppm	ND	Pass
	Pentane	TM-005 (HS - GC - FID)	≤ 500 ppm	ND	Pass
	Acetone	TM-005 (HS - GC - FID)	≤ 500 ppm	ND	Pass
	Isopropyl Alcohol	TM-005 (HS - GC - FID)	≤ 500 ppm	ND	Pass
	Hexanes, Total	TM-005 (HS - GC - FID)	≤ 25 ppm	ND	Pass
	Heptanes, Total	TM-005 (HS - GC - FID)	≤ 500 ppm	ND	Pass
Pesticides (Highest, ppm)	Individual Pesticide Content Test List [†]	LC-MS [‡]	See FX-027 [†]	Conforms	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	<LOQ	Pass
Mycotoxins (ppb)	B ₁ (AFB ₁)	USP <561> [‡]	≤ 2 ppb	<LOQ	Pass
	B ₂ (AFB ₂)	USP <561> [‡]	≤ 0.5 ppb	<LOQ	Pass
	G ₁ (AFG ₁)	USP <561> [‡]	≤ 0.5 ppb	<LOQ	Pass
	G ₂ (AFG ₂)	USP <561> [‡]	≤ 0.5 ppb	<LOQ	Pass
	Total	USP <561> [‡]	≤ 4 ppb	<LOQ	Pass

* Number of replicates: 3

[†] See FX-027 for full list of individual pesticide residues and associated limits.

[‡] Contract Testing performed by Eurofins BioDiagnostics.