

Certificate of Analysis

Final Product: 20% CBD Broad Spectrum Water Soluble Powder **Lot Number:** X2104B077
Date of Manufacture: April 2021



Test	Methodology	Specification	Test Results (Average)*	Pass/Fail
Color and Appearance - Product	TM-004 (Visual)	Opaque, Off-white to tan, powder	Conforms	Pass
Cannabidiol Identification	TM-008 (DAD Retention Time)	Retention time of the primary peak in sample chromatogram matches that in the analytical reference standard.	Conforms	Pass
	TM-008 (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-008 (HPLC - DAD) 90.0 - 110.0 %	102.6	Pass
	Assay(%w/w)	TM-008 (HPLC - DAD) 18.0 - 22.0 %w/w	20.5	Pass
THC Content (% w/w)	THC(%w/w)	TM-008 (HPLC - DAD) Report	0.016	NA
	THCA(%w/w)	TM-008 (HPLC - DAD) Report	ND	NA
	Total THC (THC + THCA*0.877)(%w/w)	TM-008 (HPLC - DAD) ≤0.2 %w/w	0.016	Pass
Related Cannabinoid Content (% w/w)	CBN(%w/w)	TM-008 (HPLC - DAD) Report	0.006	NA
	cis-THC(%w/w)	TM-008 (HPLC - DAD) Report	0.005	NA
	d8-THC(%w/w)	TM-008 (HPLC - DAD) Report	ND	NA
	THCV(%w/w)	TM-008 (HPLC - DAD) Report	0.011	NA
	THCVA(%w/w)	TM-008 (HPLC - DAD) Report	ND	NA
	CBC(%w/w)	TM-008 (HPLC - DAD) Report	0.008	NA
	CBDA(%w/w)	TM-008 (HPLC - DAD) Report	ND	NA
	CBDVA(%w/w)	TM-008 (HPLC - DAD) Report	ND	NA
	CBDV(%w/w)	TM-008 (HPLC - DAD) Report	0.248	NA
	CBE(%w/w)	TM-008 (HPLC - DAD) Report	0.566	NA
	CBGA(%w/w)	TM-008 (HPLC - DAD) Report	ND	NA
	CBG(%w/w)	TM-008 (HPLC - DAD) Report	1.064	NA
	CBL(%w/w)	TM-008 (HPLC - DAD) Report	ND	NA
	CBT(%w/w)	TM-008 (HPLC - DAD) Report	ND	NA
	Total (Sum of all observed Related Cannabinoids)(% w/w)	TM-008 (HPLC - DAD) Report	2.635	NA
Total Cannabinoids (CBD plus total RCs, % w/w)	(%w/w) TM-008 (HPLC - DAD) Report	23.151	NA	
Microbial Contaminants	E. coli	USP<2022> ¹ Absent / 10 g	Absent	Pass
	Salmonella spp.	USP<2022> ¹ Absent / 10 g	Absent	Pass
	Total Aerobic Microbial Count(CFU/g)	USP<2021> ¹ <100 CFU/g	<LOQ	Pass

*Number of replicates: 3

¹Contract Testing performed by Eurofins BioDiagnostics

Data Reviewed and Approved by: Tim Ghelli
5/6/2021 9:55:33 AM

Specification: FX058
 Lot: X2104B077

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