

Certificate of Analysis

Final Product: 10% CBD Broad Spectrum Water Soluble

Lot Number: BL1907B-057

Date of Manufacture: 07/19

Test	Methodology	Specification	Test Results (Average) ¹	Pass / Fail	
Color and Appearance	TM-004 (Visual)	Opaque, Off-white to tan, flowing solution	Conforms	Pass	
CBD 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 matched that in the analytical reference standard.	Conforms	Pass	
CBD Potency	(% w / w)	TM-008 (HPLC – DAD)	Report	10.330	N/A
	(% of label claim)	TM-008 (HPLC – DAD)	90.0 - 110.0%	103.3	Pass
THC Content (% w / w)	THC	TM-008 (HPLC – DAD)	Report	0.128	N/A
	THCA	TM-008 (HPLC – DAD)	Report	ND	N/A
	Total THC	TM-008 (HPLC – DAD)	≤ 0.200%	0.128	Pass
Related Cannabinoid Content (% w / w)	CBDA	TM-008 (HPLC – DAD)	Report	ND	N/A
	CBN	TM-008 (HPLC – DAD)	Report	0.012	N/A
	CBG	TM-008 (HPLC – DAD)	Report	0.036	N/A
	CBDV	TM-008 (HPLC – DAD)	Report	0.033	N/A
	Other (Highest)	TM-008 (HPLC – DAD)	Report	0.236	N/A
Total	TM-008 (HPLC – DAD)	Report	0.692	N/A	
Total Cannabinoids (CBD plus total RCs, % w/w)	TM-008 (HPLC – DAD)	Report	11.022	N/A	
Preservative Content	Sodium Benzoate (% w / w)	TM-007 (HPLC – DAD)	Report	0.102	N/A
	Sodium Benzoate (% of target)	TM-007 (HPLC – DAD)	70.0 - 130.0%	102.0	Pass
Pesticides (Highest, ppm)	Individual Pesticide Content Test List ²	LC-MS ³	≤ LOQ ²	< LOQ	Pass
	Arsenic	ICP-MS ³	< 1.5 ppm	0.011	Pass
Elemental Impurities (ppm)	Cadmium	ICP-MS ³	< 0.5 ppm	< LOQ	Pass
	Lead	ICP-MS ³	< 0.5 ppm	0.018	Pass
	Mercury	ICP-MS ³	< 1.5 ppm	< LOQ	Pass

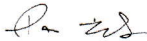
¹Number of Replicates 3

²Full list of individual pesticide residues on file, Eurofins LOQ of 0.05 ppm for individual residues

³Contract Testing performed by Eurofins BioDiagnostics

Prepared By

DocuSigned by:




Signer Name: Danaea Burgess

Signing Reason: I am the author of this document

Signing Time: 8/10/2019 | 3:30:46 PM PDT

7791B19814FC4B6FA585FA36E4AB982E

Quality Approval