

CERTIFICATE OF ANALYSIS



ISO-14019-B3

Batch ID:

N/A

Test ID:

Method:

5350553.005

Reported:

Test:

24-May-2019

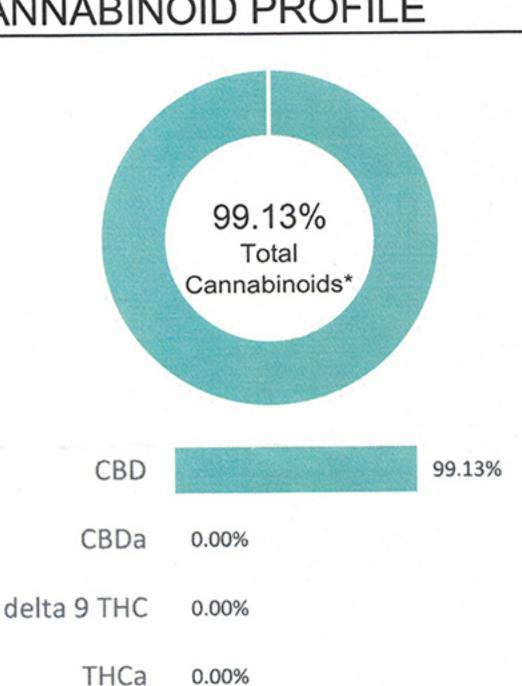
Concentrate

Potency

Type:

TM14

CANNABINOID PROFILE



% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

* Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

** Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

Total THC = THC + (THCa *(0.877)) and Total CBD = CBD + (CBDa *(0.877))

Compound	LOQ (%)	Result (%)	Result (mg/g
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.24	0.00	0.0
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.12	0.00	0.0
Cannabidiolic acid (CBDA)	0.24	0.00	0.0
Cannabidiol (CBD)	0.14	99.13	991.3
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.13	0.00	0.0
Cannabinolic Acid (CBNA)	0.33	0.00	0.0
Cannabinol (CBN)	0.15	0.00	0.0
Cannabigerolic acid (CBGA)	0.21	0.00	0.0
Cannabigerol (CBG)	0.12	0.00	0.0
Tetrahydrocannabivarinic Acid (THCVA)	0.21	0.00	0.0
Tetrahydrocannabivarin (THCV)	0.11	0.00	0.0
Cannabidivarinic Acid (CBDVA)	0.22	0.00	0.0
Cannabidivarin (CBDV)	0.12	0.00	0.0
Cannabichromenic Acid (CBCA)	0.18	0.00	0.0
Cannabichromene (CBC)	0.22	0.00	0.0
Total Cannabinoids		99.13	991.30
Total Potential THC**		0.00	0.00
Total Potential CBD**		99.13	991.30

NOTES:

N/A

FINAL APPROVAL

Daniel Wanter

PREPARED BY / DATE

Daniel Weidensaul 24-May-2019 4:12 PM

Greg Zimpfer 24-May-2019

APPROVED BY / DATE

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC. ISO/IEC 17025:2005 Accredited A2LA Certificate Number 4329.02



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SECTION 1: PRODUCT DETAILS

PRODUCT NAME	Hemp-Derived Cannabidiol (CBD) Isolate		
COMMON NAME	CBD Isolate, Isolate		
PRODUCT DESCRIPTION	Distilled Hemp-Derived Cannabidiol (CBD) Isolate Powder		
PLANT PART	Aerial parts of industrial hemp plant		
INTENDED USE A raw food ingredient requiring further processing. Oral consumption of raw ingredient advised until additional processing is performed. Customers and users are advised.			
	their own due diligence and investigation prior to use to verify the product meets their quality		
	requirements and is appropriate, applicable, and suited to the circumstances of the intended use.		

EXTRACTION SOLVENT(S)	X CO,	X Ethanol	X Hexane
COUNTRY OF ORIGIN	USA	LOT#	ISO-14019-B3
MANUFACTURE DATE	05/20/2019	CBD POTENCY	98.5% or higher
EXPIRATION DATE	05/19/2020	NET WEIGHT	75x 1g containers

SECTION 2: INGREDIENT LIST, ALLERGEN INFORMATION, AND NUTRITION FACTS PANEL **INGREDIENTS LIST**

Ingredients: Hemp Cannabidiol (CBD) Isolate.

Manufactured in a facility that handles soy, salmon, anchovy, and walnuts.

The FDA has not evaluated this product for safety or efficacy. This product is a raw food ingredient that requires further processing. Oral consumption of raw ingredient is not advised until additional processing is performed. Customers and users are advised to perform their own due diligence and investigation prior to use to verify the product meets their quality requirements and is appropriate, applicable, and suited to the circumstances of the intended use. This product is not intended to diagnose, treat, cure or prevent any disease.

Nutrition F	acis
servings per container Serving size	(1g
Amount per serving	
Calories	-
%	Daily Value
Total Fatg	9
Saturated Fatg	9
Trans Fatg	
Cholesterolmg	9
Sodiummg	9
Total Carbohydrateg	9
Dietary Fiberg	9
Total Sugarsg	
Includes g Added Sugar	s9
Proteing	
Vitamin Dmcg	9
Calciummg	9
Ironmg	9
Potassiummg	9

SECTION 3: FORMULA COMPOSITION

ACTIVE INGREDIENTS		LOT NUMBER
Hemp Cannabidiol (CBD) Isolate	98.5% or higher	ISO-14019-B3

SECTION A. DHYSICAL AND CHEMICAL PROPERTIES

SECTION 4. PHISICAL AND CHEMICAL PROPERTIES					
PHYSICAL STATE	Powder	COLOR	White to off white	ODOR	None

SECTION 5: RESIDUAL SOLVENT ANALYSIS FOR CBD ISOLATE				
Heyane	< 60 ppm			

SECTION 6: STORAGE AND HANDLING

Store in original container in a cool, dark place. Keep out of direct light STORAGE AND HANDLING and humidity.