

Prepared for:

HEMPSEED OIL TINCTURE 2000mg**NOBLE Co., Ltd**

Batch ID or Lot Number: 2022.05.09	Test: Potency	Reported: 5/24/22	Location: Bldg3, 1-1-5, Muromachi, Nihonba Tokyo, N/A N/A
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Matrix: Concentrate	Test ID: T000207191	Started: 5/23/22	USDA License: N/A
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Status: Active	Method: TM14 (HPLC-DAD): Potency - Standard Cannabinoid Analysis	Received: 05/20/2022 @ 12:24 PM	Sampler ID: N/A
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CANNABINOID PROFILE

Compound	LOD (%)	LOQ (%)	Result (%)	Result (mg/g)	Notes
Delta 9-Tetrahydrocannabinolic acid (THCA-A)	0.013	0.046	ND	ND	N/A
Delta 9-Tetrahydrocannabinol (Delta 9THC)	0.015	0.052	ND	ND	
Cannabidiolic acid (CBDA)	0.017	0.056	ND	ND	
Cannabidiol (CBD)	0.017	0.054	7.932	79.32	
Delta 8-Tetrahydrocannabinol (Delta 8THC)	0.016	0.057	ND	ND	
Cannabinolic Acid (CBNA)	0.009	0.033	ND	ND	
Cannabinol (CBN)	0.004	0.015	ND	ND	
Cannabigerolic acid (CBGA)	0.014	0.048	ND	ND	
Cannabigerol (CBG)	0.003	0.011	ND	ND	
Tetrahydrocannabivarinic Acid (THCVA)	0.012	0.040	ND	ND	
Tetrahydrocannabivarin (THCV)	0.003	0.010	<LOQ	0.07	
Cannabidivarinic Acid (CBDVA)	0.007	0.023	ND	ND	
Cannabidivarin (CBDV)	0.004	0.013	0.107	1.07	
Cannabichromenic Acid (CBCA)	0.005	0.018	ND	ND	
Cannabichromene (CBC)	0.006	0.020	ND	ND	
Total Cannabinoids			8.046	80.46	
Total Potential THC**			ND	ND	
Total Potential CBD**			7.932	79.32	

 Karen Winternheimer
24-May-22
3:25 PM

 Jacob Miller
24-May-22
3:28 PM

PREPARED BY / DATE

APPROVED BY / DATE

Definitions

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

** 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)

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

ND = None Detected (Defined by Dynamic Range of the method)

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.



	Document Number: AUTO	Revision: 01
	Effective Date: 16-Nov-2021	Expiration Date:
Department: Quality	Division:	Site: CS
Title: COA T-SNO-Y-Z-A (Cosmelabs Only)		

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Tincture

PRODUCT CODE: T-SNO-1,000mg-NF-FCO-AM-1oz

LOT NUMBER: JP07122111

DATE OF MANUFACTURE: 14Jul2021

EXPIRATION DATE: 14Jul2023

(DDMMYYYY)

*(Expiration date is 24 months
under sealed conditions.)*

INGREDIENTS: MCT Oil, Broad Spectrum Hemp Stalk Oil, Industrial Hemp

Parameter	Method ¹	Specification	Results
Appearance	SOP-0097	Thin Oil	Pass
Color		Clear to Amber	Pass
Cannabinoids		LOQ (%)	Wt. (%)
CBD		0.053	35.53
CBD-A		0.054	ND
THC-A		0.008	ND
CBN		0.015	ND
CBN-A		0.032	ND
CBG		0.011	ND
CBC	HPLC-DAD	0.020	ND
CBC-A		0.018	ND
Δ^8 -THC		0.056	ND
CBDV		0.013	0.71
CBDV-A		0.023	ND
THCV		0.010	ND
Potency – Total CBD		NLT 95% of Labelled Claim	96% (959.31mg/ 27g)
Total THC		$\leq 0.01\%$	ND
Trace THC	HPLC-DAD	ND (LOD = <u>5</u> ppm)	ND
Terpenes	GC/FID & LC/MS	Refer to Oil Specification	Refer to Oil Specification
Pesticides	LC/MS & GC/MS	Refer to Oil Specification	Refer to Oil Specification
Residual Solvents	USP <467>	Refer to Oil Specification	Refer to Oil Specification
Heavy Metals			
Arsenic		<1.5 ppm	ND
Cadmium	ICP-MS	<0.5 ppm	ND
Lead		<0.5 ppm	ND
Mercury		<1.5 ppm	ND

This product is not intended to diagnose, treat, cure, or prevent any disease and has not been evaluated by the FDA.
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	Document Number: AUTO	Revision: 01
	Effective Date: 16-Nov-2021	Expiration Date:
Department: Quality	Division:	Site: CS
Title: COA T-SNO-Y-Z-A (Cosmelabs Only)		

Parameter	Method ¹	Specification	Results
Microbial Limits			
Total aerobic plate count	USP	<10 ⁴ cfu/g	None Detected
Total yeast & mold	<2023>	<10 ³ cfu/g	None Detected
Total coliforms		<10 ² cfu/g	None Detected
Shiga-toxin producing E. coli (STEC)		Absent in 25 g	Absent
Salmonella		Absent in 25 g	Absent
Mycotoxins			
Aflatoxin B1		<5 ppb	ND
Total Aflatoxins (B1, B2, G1, G2)	LC-MS	<20 ppb	ND
Ochratoxin A		<5 ppb	ND

Notes: ¹According to Folium Biosciences internal analytical methods, US Pharmacopoeia or 3rd party contract laboratory method. ND=Not Detected, LAL=1 unit of Lactulose, LID=1 unit of Detection

The above certificate of analysis is based on Product Specification included below.

Results conform to all specifications: Yes or No

This Certificate of Analysis does not relieve the purchaser from undertaking their own tests to assure the suitability of this product for its application and to comply with all legal requirements for any goods into which this product is incorporated.

Storage: Room Temperature, Protect from Light, Heat and Moisture

Prepared by: Joshua D. Heath
Quality Control, Folium Biosciences

Date: 16 Nov 2021

Reviewed by: Nathan D. King
Quality Control, Folium Biosciences

Date: 16 Nov 21



認定証

CERTIFICATE

認定番号: SF2022000012

会社名: 株式会社CBD Medica

兵庫県西宮市日野町4-55

製品名: 高フィットカンナビノイドヘンプオイル2,000mg

期限/Lot: 2205

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一般社団法人 日本カンナビジオール協会

代表理事

伊藤 俊彦

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