



Scan QR Code for authentication

BIOSYYD, UAB  
Vokiečių g. 161  
LT-45251 Kaunas,  
Lithuania  
+370 699 11473  
info@biosyyd.com

## CERTIFICATE OF ANALYSIS No. 20241009-M4619

Product Information		Sample Information	
Product Name:	Full Spectrum Cannabidiol 20% (CBD) Oil (MCT)	Sample Received <sup>1</sup> :	2024-10-08
Product Type:	Full Spectrum Oil	Sample Condition:	Suitable
Product ID:	E00230	Analysis Completed:	2024-10-10
Batch No.:	Batch 1232	Certificate Dated:	2024-10-10
Manufacture Date:	2024-10-08	Retest Interval:	24 months

### RESULTS

#### Compliance with specification TS-P-O-D-20-FS-MCT

Parameter	Method	Requirement/ Limits	Results	Compliant / Non-Compliant <sup>2</sup>
Appearance	Visual inspection	Light green to orange liquid oil	Orange liquid oil	Compliant
Smell	Sensory analysis	Specific, characteristic smell	Specific, characteristic smell	Compliant
Identification	UV/Vis	Retention time complies with Certified Reference Material	Retention time complies with Certified Reference Material	Compliant
Cannabidiol (CBD), %		≥ 20.00 %	21.000%	Compliant
Additional cannabinoids:				
CBC, %		≥ 0.01%	0.502%	Compliant
CBG, %	HPLC	≥ 0.01%	0.436%	Compliant
CBN, %		≥ 0.01%	0.248%	Compliant
CBDV, %		≥ 0.01%	0.122%	Compliant
Total Tetrahydrocannabinol, %		< 0.20%	0.149%	Compliant

#### OTHER COMPOUNDS

CBDA, %		N/A	0.055%	N/A
CBGA, %		N/A	ND	N/A
THCV, %	HPLC	N/A	ND	N/A
CBL, %		N/A	0.117%	N/A
CBDVA, %		N/A	0.105%	N/A



Scan QR Code for  
authentification

BIOSYYD, UAB  
Vokiečių g. 161  
LT-45251 Kaunas,  
Lithuania  
+370 699 11473  
info@biosyyd.com

Parameter	Method	Requirement/ Limits	Results	Compliant / Non-Compliant
Alpha-pinene, %		N/A	0.322 %	N/A
Camphehe, %		N/A	ND %	N/A
(-)-beta-Pinene, %		N/A	0.042 %	N/A
beta-Myrcene, %		N/A	0.305 %	N/A
delta-3-carene, %		N/A	ND %	N/A
alpha-Terpinene, %		N/A	ND %	N/A
Limonene, %		N/A	0.585 %	N/A
p-Cymene, %		N/A	ND %	N/A
Ocimene, %		N/A	ND %	N/A
gamma-Terpinene, %		N/A	0.013 %	N/A
Terpinolene, %	GC-FID Terpenes	N/A	ND %	N/A
Linalool, %		N/A	0.095 %	N/A
(-)-Isopulegol, %		N/A	ND %	N/A
Geraniol, %		N/A	ND %	N/A
beta-Caryophyllene, %		N/A	0.353 %	N/A
alpha-Humulene, %		N/A	ND %	N/A
Nerolidol, %		N/A	ND %	N/A
(-)-Guaiol, %		N/A	ND %	N/A
(-)-alpha-Bisabolol, %		N/A	ND %	N/A
Nerol, %		N/A	ND %	N/A
alpha-Phellandrene, %		N/A	0.033 %	N/A

THE END OF THE CERTIFICATE

Authorized by: Quality Control Analyst  
Approved by: Senior Quality Control Analyst

2024-10-10

2024-10-10

<sup>1</sup> Samples were delivered by the Client.

<sup>2</sup> UAB Biosyyd applies the acceptance decision rule in accordance with ILAC-G8:09/2019: if measurement plus minus expanded measurement uncertainty meets specification requirements, the parameter is stated as compliant.

<sup>3</sup> Given expanded measurement uncertainty was estimated for the coverage factor  $k = 2$  at 95 % confidence level. Sampling uncertainty has not been taken into consideration.

<sup>4</sup> Test method is accredited.

<sup>5</sup> Test performed on Cannabis Sativa raw material in Third party laboratory.

This report cannot be reproduced partially without a prior written consent of UAB Biosyyd, and is restricted exclusively to the results and statements presented in the original copy of the Report. The results relate to the analysed samples only.



## PRODUCT CONTAMINATION REPORT

Product Information		Sample Information	
Product Name:	Full Spectrum Cannabidiol 20% (CBD) Oil (MCT)	Sample Received <sup>1</sup> :	2024-10-08
Product Type:	Full Spectrum Oil	Sample Condition:	Suitable
Product ID:	E00230	Analysis Completed:	2024-10-10
Batch No.:	Batch 1232	Certificate Dated:	2024-10-10
Manufacture Date:	2024-10-08	Retest Interval:	24 months

### RESULTS

#### Compliance with specification TS-P-O-D-20-FS-MCT

Parameter	Method	Requirement/ Limits	Results	Compliant / Non-Compliant <sup>2</sup>
<b>Residual Solvents:</b>				
Ethanol	Gas Chromatography	≤ 50 ppm	ND	Compliant
n-Pentane	Gas Chromatography	≤ 50 ppm	ND	Compliant
2-propanol	Gas Chromatography	≤ 50 ppm	ND	Compliant
n-Heptane	Gas Chromatography	≤ 50 ppm	ND	Compliant
<b>Microbiological quality<sup>5</sup>:</b>				
Enumeration of mesophilic aerobic bacteria	PN-EN ISO 4833-1:2013-12	≤ 10 <sup>5</sup> CFU/g	4.0 · 10 <sup>1</sup> CFU/g	Compliant
Enumeration of yeasts	PN-ISO 21527-2:2009	≤ 10 <sup>3</sup> CFU/g	< 1.0 · 10 <sup>1</sup> CFU/g	Compliant
Enumeration of moulds	PN-ISO 21527-2:2009	≤ 10 <sup>3</sup> CFU/g	< 1.0 · 10 <sup>1</sup> CFU/g	Compliant
<b>Specified microorganisms:</b>				
Enumeration of <i>Bacillus Cereus</i>	PN-EN ISO 7932:2005	≤ 10 <sup>3</sup> CFU/g	< 1.0 · 10 <sup>1</sup> CFU/g	Compliant
Enumeration of coagulase-positive staphylococci ( <i>Staphylococcus aureus</i> and other species)	PN-EN ISO 6888-1:2001+A1:2004	≤ 10 <sup>3</sup> CFU/g	< 1.0 · 10 <sup>1</sup> CFU/g	Compliant
Detection of <i>Salmonella</i> spp.	PN-EN ISO 6579-1:2017-04	Not Detected in 25 g	Not Detected in 25 g	Compliant
<b>Pesticides<sup>5</sup>:</b>				
Organochlorine pesticides			< LOQ mg/kg	Compliant
Organophosphorus pesticides			< LOQ mg/kg	Compliant
Pyrethroids	LMBG-00.00-34:1999 (DFG S19) except section E9	Limits of each Pesticides according to Ph. Eur 2.8.13	< LOQ mg/kg	Compliant
Propachlor		≤ 0.1 mg/kg	< LOQ mg/kg	Compliant
Aflatoxin B1 <sup>5</sup>	AFL/01/2012/1	≤ 5 µg/kg	< 1.0 µg/kg	Compliant
Ariatoxin (sum um or R1+R2+G1+G2) <sup>5</sup>	AFL/01/2012/1	≤ 10 µg/kg	< LOQ µg/kg	Compliant
Ochratoxin A <sup>5</sup>	PB-456 ed. I of 15.10.2021	≤ 10 µg/kg	< 0.25 µg/kg	Compliant
<b>Heavy metals<sup>5</sup>:</b>				
Arsenic	PN-EN 15763:2010	≤ 1.0 mg/kg	0.13 ± 0.02 mg/kg	Compliant
Cadmium	PN-EN 15763:2010	≤ 0.4 mg/kg	0.018 ± 0.004 mg/kg	Compliant
Lead	PN-EN 15763:2010	≤ 1.0 mg/kg	0.39 ± 0.10 mg/kg	Compliant
Mercury	PN-EN 15763:2010	≤ 0.2 mg/kg	0.012 ± 0.002 mg/kg	Compliant

<sup>5</sup> Tested in third part laboratory

We declare that this product is free from microbiological and chemical contaminants including residual solvents, microbiological contamination, pesticides, aflatoxins and heavy metals. We ensure this by performing testing on all raw materials used and periodical testing on final products for self control. This report is applicable only to the batch that is written on report. This report cannot be reproduced partially without a prior written consent of UAB Biosyyd, and is restricted exclusively to the results and statements presented in the original copy of the Report.