

Certificate of Analysis: 1157/2021/12

HERBAL OIL 12 10 ml



Producer:	IMUNI s.r.o.	Identification of sample:	HERBAL OIL 12 10 ml
Address:	Bezručova 1863/58	Lot no:	12L01
City:	692 01 Mikulov	Expiration:	01.06.2023
Country:	Czech Republic		
Contact:	+420 725 557 734	E-mail:	info@imuni.eu

	Sample No:	1445
	Description:	12% CBD in MCT oil
	Report reference:	1157/2021
	<p>Seat: Budějovická 618/53, 140 00 Praha 4 Laboratory location: Cannabilab, Dobrá 240, 739 51, www.cannabilab.eu The Czech Republic</p>	

Cannabinoids profile

Parameters	Metod	Results	Units	Specification	Evaluation
CBD	HPLC/MS/MS	12.1	% w/w	See Sum of CBD	Pass
CBDA	HPLC/MS/MS	<0.0010	% w/w	See Sum of CBD	
THCA	HPLC/MS/MS	0.014	% w/w	See Sum of THC	
Δ9-THC	HPLC/MS/MS	0.06	% w/w	See Sum of THC	
CBG	HPLC/MS/MS	0.34	% w/w	See Sum of CBG	
CBGA	HPLC/MS/MS	0.0070	% w/w	See Sum of CBG	
CBN	HPLC/MS/MS	0.0063	% w/w	Label claim ±10%	Pass
Sum of CBD	HPLC/MS/MS	12.1	% w/w	Label claim ±10%	Pass
Sum of CBG	HPLC/MS/MS	0.34	% w/w	<1 % w/w	Pass
Sum of THC	HPLC/MS/MS	0.074	% w/w	≤0,2% w/w	Pass

Impurities - Heavy metals

Parameters	Metod	Results	Units	Specification	Evaluation
As	ICP/MS	<0.0001	mg/g	-	Pass
Pb	ICP/MS	0.0001	mg/g	0.003	Pass
Cd	ICP/MS	<0.0001	mg/g	0.003	Pass
Hg	AMA	<0.00001	mg/g	0.0001	Pass

Impurities - Microbiology

Parameters	Metod	Results	Units	Specification	Evaluation
Escherichia coli	Cultivated	<10	CFU/g	<10	Pass
Staphylococcus aureus	Cultivated	<50	CFU/g	<50	Pass
Enterobacteriaceae	Cultivated	<10	CFU/g	<10	Pass
Coagulase-positive staphylococci	Cultivated	<50	CFU/g	<50	Pass
Listeria monocytogenes	Cultivated	negative	/10 g	negative	Pass
Moulds	Cultivated	<10	CFU/g	<10	Pass
Salmonella	Cultivated	negative	/10 g	negative	Pass
Coliform bacteria	Cultivated	<10	CFU/g	<10	Pass
Yeasts	Cultivated	<10	CFU/g	<10	Pass
TVC	Cultivated	<10	CFU/g	<10	Pass

Parameters	Metod	Results	Units	Specification	Evaluation
Benzo(a)pyrene	HPLC/FLD	<2.0	ug/kg	<2.0	Pass
Nutritional parameters					
Parameters	Metod	Results	Units	Specification	Evaluation
Proteins	Kjeldahl method	0.080	% w/w	Not specified	Not applicable
Sugars (after inversion)	Iodometry	<0.20	% w/w		
Saturateds fatty acids	GC-FID	99.8	% w/w *)		
Carbohydrates (starch + invert)	Calculation	0.40	% w/w		
Starch	Polarimetry	<0.60	% w/w		
Fat	Gravimetry	100	% w/w		
Dietary fiber - TDFc	Enzymatic method	<0.90	% w/w		
Energy value	Kjeldahl method	3711	% w/w		

Legends and final notes

*) in origin weight

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Results are applicable only for samples tested, and for the specific tests conducted. All tests carried are done so under strict certified laboratory protocols, guidelines and supervision.

CBC = Cannabichromene

CBD = Cannabidiol

CBDA = Cannabidiolic acid

CBDV= Cannabidivarin

CBDVA = Cannabidivarinic acid

CBG = Cannabigerol

CBGA = Cannabigerolic acid

CBN = Cannabinol

CBCA = Cannabachromenic acid

tetrahydroca

Δ^9 -THCA = Δ^9 -tetrahydrocannabinolic acid

THCV = Tetrahydrocannabivarin

THCVA = Tetrahydrocannabivarinic acid

Δ^8 -THC = Δ^8 -tetrahydrocannabinol

