

TIKUN OLAM MEDICAL CANNABIS	CERTIFICATE OF ANALYSIS (COA)		
	Medical Cannabis Oil T3C15, 10g		
Form No.:	COA-FP-OT3C15	Section:	QC
Version No.:	01	Valid on:	11.05.2022
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Product Name: Hermon Oil T3C15	Item code: OE15HRM
Batch Number: EOHRM0423099	Sample lab-number: TOL-23-347, TOL-23-368

Batch size (Kg): *	Units: *	Excipients: Olive Oil
Manufacturer: OLAM C. PRODUCTION	Manufacturing date: 24/04/2023	
Sampling date: 24/04/2023, 03/05/2023	Expiry date: 01/2024	
Storage conditions: RT	COA No.: 0534-23	
Stability interval\ conditions (if applicable): NA		
Date of analysis: 30/04/2023, 11/05/2023, 08/05/2023, 14/05/2023, 15/05/2023, 21/05/2023 (COA date)		

Test	Specifications	Results	Units	Method	Conclusion Pass/Fail	Testing Site
Appearance	Greenish or yellow to brown liquid	Complies	NA	Visual Inspection TO-LAB-21	Pass	Tikun-Olam
Identification	The retention time of the main observed cannabinoids conforms to standard.	Complies	NA	HPLC TO-LAB-40.14	Pass	Tikun-Olam
<b>Assay of Cannabinoids by HPLC (as is)</b>						
Cannabidiolic Acid (CBDA)	For Information Only	<0.1	%	HPLC In house procedure (TO-LAB-40.14) According to Ph. Eur 2.2.46 / USP 621 requirements	Pass	Tikun-Olam
Cannabidiol (CBD)		18.5	%			
tCBD <sup>1</sup>	11-19	19	%			
Tetrahydrocannabinol Acid (THCA)	For Information Only	ND	%			
Tetrahydrocannabinol (THC <sup>Δ9</sup> )		0.6	%			
tTHC <sup>2</sup>	0.0-5.0	0.6	%			
Cannabichromenic Acid (CBCA)	For Information Only	ND	%			
Cannabichromene (CBC)		0.9	%			
Cannabigerolic Acid (CBGA)		ND	%			
Cannabigerol (CBG)		0.3	%			
Cannabidivarin (CBDV)		<0.1	%			
Tetrahydrocannabivarin (THCV)		ND	%			
Delta-8 Tetrahydrocannabinol (THC <sup>Δ8</sup> )		ND	%			
Cannabinol (CBN)		N.M.T 1.5	<0.1		%	

<sup>1</sup> tCBD = 0.877\*[CBDA] + [CBD]

<sup>2</sup> tTHC = 0.877\*[THCA] + [THC]

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Heavy Metals						
Arsenic (As)	N.M.T 2.5	<0.5	ppm	ICP-MS	Pass	Bactochem
Cadmium (Cd)	N.M.T 0.5	<0.1	ppm		Pass	
Mercury (Hg)	N.M.T 0.1	<0.1	ppm		Pass	
Nickel (Ni)	Indicative	<0.5	ppm			
Lead (Pb)	N.M.T 5.0	<1.0	ppm		Pass	
Zinc (Zn)	Indicative	<10.0	ppm			
Pesticides Residues						
Pesticides Residues	According to 152 SOP	ND	mg/kg	GC\MS LC\MS	Pass	Bactochem
Microbiology						
Total Aerobic Microbial Count (TAMC)	N.M.T 200	<100	CFU/g	Ph. Eur 2.6.12/ USP <61>	Pass	Institute For Food Microbiology
Total Yeasts and Molds Count (TYMC)	N.M.T 20	<10	CFU/g	Ph. Eur 2.6.12/ USP <61>	Pass	
E.coli	Negative	ND	CFU/g	Ph. Eur 2.6.13/ USP <62>	Pass	
Salmonella	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	
Enterobacteriaceae <sup>3</sup>	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	
Staphylococcus aureus	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	
Pseudomonas aeruginosa	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	
Mycotoxins						
Ochratoxin A	N.M.T 0.5	ND	µg/kg	HPLC	Pass	Bactochem
Aflatoxin - B1	N.M.T 2	ND	µg/kg		Pass	
Total-Aflatoxins (B1, B2, G1, G2)	N.M.T 4	ND	µg/kg		Pass	
Residual Solvents						
Ethanol	N.M. T 5000	450	ppm	GC In house procedure (TO-LAB- 40.11) according to Ph. Eur Ph. Eur 50400/USP 467 requirements	Pass	Tikun-Olam

All tests comply with current specification SPC-FP-O-T3C15.

<sup>3</sup> Bile Tolerance Presence

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Documentation reference:

TO-LAB-21-03 COA 0486-23 COA 1024958 COA 1022617 COA 23-662078 COA 1021258 TO-LAB-04-11  * As documented in MBR
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Approved by:

Tsiona Nehemia, Analytical Laboratory Manager (Hen Nehemia, Authorized Laboratory Technician)

\_\_\_\_\_ Date: 21.05.2023

Reviewd and authorized by:

Elinor Cohen, Quality Assurance Manager / Shani Carmi, Head Pharmacist, QP/Reem Odi, CPP

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3-125727.10

Date: 21/05/2023

Approvals:

Department	Name	Signature	Date
Quality Control	Hen Nehemia		04.05.2022
Quality Assurance	Elinor Cohen		08/05/2022