

TIKUN OLAM MEDICAL CANNABIS	CERTIFICATE OF ANALYSIS (COA)			
	Medical Cannabis Inflorescences T20C4, 10g			
Form No.:	COA-FP-FT20C4	Section:	QC	Page 1 of 3
Version No.:	01	Valid on:	08.05.2022	

Product Name: Megido Inflorescences, T20C4 Indica	Item code: F PK20
Batch Number: F-PK0522973	Sample lab-number: TOL-22-768, TOL-22-598

Batch size (Kg): 22.70	Units: 2270
Manufacturer: Tikun-Olam Production	Manufacturing date: 10/05/2022
Sampling date: 18/04/2022, 16/05/2022	Expiry date: 04/2023
Storage conditions: RT	COA No.: 0455-22
Stability interval\ conditions (if applicable): NA	
Date of analysis: 25/05/2022, 27/04/2022, 28/04/2022, 31/05/2022, 01/06/2022 (COA date)	

Test	Specifications	Results	Units	Method	Conclusion Pass/Fail	Testing Site
Appearance	Brown to green clustered flowers	Complies	NA	Visual Inspection TO-LAB-21	Pass	Tikun-Olam
Fineness	No leaves shooting out more than 10% of the length of the flowers	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	Pass	Tikun-Olam
<b>Assay of Cannabinoids by HPLC (calculated on dried basis)</b>						
Cannabidiolic Acid (CBDA)	For Information Only	<0.1	%	In house procedure (TO-LAB-40.14) According to Ph. Eur 2.2.46 / USP 621 requirements	Pass	Tikun-Olam
Cannabidiol (CBD)		<0.1	%			
tCBD <sup>1</sup>	0-7	<0.1	%			
Tetrahydrocannabinol Acid (THCA)	For Information Only	25.8	%			
Tetrahydrocannabinol (THC <sup>Δ9</sup> )		1.3	%			
tTHC <sup>2</sup>	16-24	24	%			
Cannabichromenic Acid (CBCA)	For Information Only	0.4	%			
Cannabichromene (CBC)		<0.1	%			
Cannabigerolic Acid (CBGA)		0.7	%			
Cannabigerol (CBG)		<0.1	%			
Cannabidivarin (CBDV)		ND	%			
Tetrahydrocannabivarin (THCV)		<0.1	%			

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

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

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Delta-8 Tetrahydrocannabinol (THC <sup>Δ8</sup> )		<0.1	%			
Cannabinol (CBN)	N.M.T 1.5	<0.1	%		Pass	
Foreign Matter Test	Absence of pests. N.M.T. 2% m/m from plant origin and other foreign material.	Complies	NA	Visual Inspection TO-LAB-20	Pass	Tikun-Olam
Loss on Drying	9-15	12	%	In house procedure (TO- LAB-40.09) based on Ph. Eur. 2.2.32	Pass	Tikun-Olam
<b>Heavy Metals</b>						
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	73.012	ppm			
<b>Pesticides Residues</b>						
Pesticides Residues	According to 152 SOP	ND	mg/kg	GC\MS LC\MS	Pass	Bactochem
<b>Microbiology</b>						
Total Aerobic Microbial Count (TAMC)	N.M.T 20,000	<1000	CFU/g	Ph. Eur 2.6.12/ USP <61>	Pass	Institute For Food Microbiology
Total Yeasts and Molds Count (TYMC)	N.M.T 2,000	<100	CFU/g	Ph. Eur 2.6.12/ USP <61>	Pass	
E.coli	N.M.T 20	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>	N.M.T 20	ND	CFU/g	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	
<b>Mycotoxins</b>						
Ochratoxin A	N.M.T 2	<1.0	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	

All tests comply with current specification SPC-FP-F-T20C4.

<sup>3</sup> Bile Tolerance Presence

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Documentation reference:

TO-LAB-20-02 TO-LAB-21-02 COA 0439-22 COA 900259 COA 899846 COA 22-562818/001 COA 910967
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Approved by:

Tsiona Nehemia, Analytical Laboratory Manager / Hen Nehemia, Authorized Laboratory Technician

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Reviewd and authorized by:

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

*[Signature]* Date: 06.06.2022

Approvals:

Department	Name	Signature	Date
Quality Control	Hen Nehemia	<i>[Signature]</i>	<i>04.05.2022</i>
Quality Assurance	Elinor Cohen	<i>[Signature]</i>	<i>08/05/2022</i>