

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: Jungle Dreams Inflorescences, T20C4 Indica	Item code: F JD20
Batch Number: F-JD0422921	Sample lab-number: TOL-22-612, TOL-22-260

Batch size (Kg): 48.67	Units: 4867
Manufacturer: Tikun-Olam Production	Manufacturing date: 18/04/2022
Sampling date: 17/02/2022, 24/04/2022	Expiry date: 03/2023
Storage conditions: RT	COA No.: 0423-22
Stability interval\ conditions (if applicable): NA	
Date of analysis: 01/03/2022, 02/03/2022, 01/05/2022, 03/05/2022, 12/05/2022 (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	Bactochem
Assay of Cannabinoids by HPLC (calculated on dried basis)						
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		Bactochem
Cannabidiol (CBD)		<0.1	%			
tCBD ¹	0-7	<0.1	%		Pass	
Tetrahydrocannabinol Acid (THCA)	For Information Only	23.2	%			
Tetrahydrocannabinol (THC ^{Δ9})		1.4	%			
tTHC ²	16-24	22	%		Pass	
Cannabichromenic Acid (CBCA)	For Information Only	0.3	%			
Cannabichromene (CBC)		0.4	%			
Cannabigerolic Acid (CBGA)		0.3	%			
Cannabigerol (CBG)		0.2	%			
Cannabidivarin (CBDV)		<0.1	%			
Tetrahydrocannabivarin (THCV)		0.2	%			

$$^1 \text{tCBD} = 0.877 * [\text{CBDA}] + [\text{CBD}]$$

$$^2 \text{tTHC} = 0.877 * [\text{THCA}] + [\text{THC}]$$

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Delta-8 Tetrahydrocannabinol (THC ^{Δ8})		NA	%			
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	11	%	In house procedure (TO-LAB-40.09) based on Ph. Eur. 2.2.32	Pass	Bactochem
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	47.668	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 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 ³	N.M.T 20	<10	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	
Mycotoxins						
Ochratoxin A	N.M.T 2	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	

³ Bile Tolerance Presence

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

Documentation reference:

TO-LAB-20-02
TO-LAB-21-02
COA 0410-22
COA 882014
COA 881844
COA 22-554221/002
COA 900915

Approved by:

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



 Date: 18.05.2022

Reviewed and authorized by:

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

 Date: 18/05/2022
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Approvals:

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