

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-JD0422922	Sample lab-number: TOL-22-611, TOL-22-839, TOL-22-840, TOL-22-841, TOL-22-842, TOL-22-843, TOL-22-844, TOL-22-071

Batch size (Kg): 22.17	Units: 2217
Manufacturer: Tikun-Olam Production	Manufacturing date: 19/04/2022
Sampling date: 16/01/2022, 24/04/2022, 17/05/2022, 07/06/2022	Expiry date: 03/2023
Storage conditions: RT	COA No.: 0528-22
Stability interval\ conditions (if applicable): NA	
Date of analysis: 09/06/2022, 23/01/2022, 01/05/2022, 03/05/2022, 12/05/2022, 29/05/2022 (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, Tikun-Olam
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, Tikun-Olam
Cannabidiol (CBD)		ND	%			
tCBD ¹	0-7	<0.1	%		Pass	
Tetrahydrocannabinol Acid (THCA)	For Information Only	20.5	%			
Tetrahydrocannabinol (THC ^{Δ9})		1.9	%			
tTHC ²	16-24	20	%		Pass	
Cannabichromenic Acid (CBCA)	For Information Only	0.3	%			
Cannabichromene (CBC)		0.1	%			
Cannabigerolic Acid (CBGA)		0.3	%			
Cannabigerol (CBG)		0.1	%			
Cannabidivarin (CBDV)		<0.1	%			

¹ tCBD = 0.877*[CBDA] + [CBD]


² tTHC = 0.877*[THCA] + [THC]

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Tetrahydrocannabivarin (THCV)		<0.1	%			
Delta-8 Tetrahydrocannabinol (THC ^{Δ8})		<0.1	%			
Cannabinol (CBN)	N.M.T 1.5	<0.1	%		Pass	
Foreign MatterTest	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	13	%	In house procedure (TO-LAB-40.09) based on Ph. Eur. 2.2.32	Pass	Bactochem, Tikun-Olam
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	<0.099	ppm		Pass	
Nickel (Ni)	Indicative	<0.5	ppm			
Lead (Pb)	N.M.T 5.0	<1.0	ppm		Pass	
Zinc (Zn)	Indicative	77.648	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

³ Bile Tolerance Presence

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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.

Documentation reference:

TO-LAB-20-02
 TO-LAB-21-02
 COA 0516-22
 COA 868820
 COA 868894
 COA 22-554221/001
 COA 900890
 DEV-Z-068-22

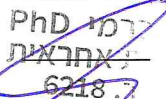
Approved by:

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



_____ Date: 22.06.2022

Reviewed and authorized by:

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


 Date: 22/06/2022

Approvals:

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