

TIKUNOLAM MEDICAL CANNABIS	CERTIFICATE OF ANALYSIS (COA)			
	Medical Cannabis Inflorescences T20C4 Indica, 10g – JUNGLE DREAMS Item code: F JD20			
Form No.:	COA-FP-FJD20-Pharmacann	Section:	QC	Page 1 of 3
Version No.:	01	Valid on:	19.12.2021	

Batch Number: F-JD0122722	Sample lab-number: TOL-22-032, TOL-22-060, TOL-22-001
Batch size (Kg): 48.65 Units: 4865	Sampling date: 02/01/2022, 10/01/2022
Manufacturer: Tikun-Olam Production	Manufacturing date: 09/01/2022
Storage conditions: RT	Expiry date: 07/2022
Date of analysis: 12/01/2022, 06/01/2022, 09/01/2022, 18/01/2022, 23/01/2022 (COA date)	COA No.: 0079-22
Growing Batch No.: JDPH100821B1	Licensed Grower: פארמוקן בע"מ
Harvest month: 11/2021	Processing month: 11/2021
Stability interval\ conditions (if applicable): NA	

Batch Number: F-JD0122722			Sample lab-number: TOL-22-032, TOL-22-060, TOL-22-001			
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
Assay of Cannabinoids by HPLC (calculated on dried basis)						
Cannabidiolic Acid (CBDA)	For Information Only	<0.1	%	HPLC	Pass	Tikun-Olam
Cannabidiol (CBD)		<0.1	%			
tCBD ¹	0-7	<0.1	%			
Tetrahydrocannabinol Acid (THCA)	For Information Only	25.6	%			
Tetrahydrocannabinol (THC ^{Δ9})		0.8	%			
tTHC ²	16-24	23.2	%			
Cannabichromenic Acid (CBCA)	For Information Only	0.4	%			
Cannabichromene (CBC)		<0.1	%			

¹ tCBD = 0.877*[CBDA] + [CBD]

² tTHC = 0.877*[THCA] + [THC]

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Test	Specifications	Results	Units	Method	Conclusion Pass/Fail	Testing Site
Cannabigerolic Acid (CBGA)		0.4	%			
Cannabigerol (CBG)		<0.1	%			
Cannabidivarin (CBDV)		ND	%			
Tetrahydrocannabivarin (THCV)		<0.1	%			
Delta-8 Tetrahydrocannabinol (THC ^{Δ8})		<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	14	%	Ph. Eur 2.2.32	Pass	Tikun-Olam
Heavy Metals						
Arsenic (As)	Indicative	<0.99	ppm	ICP-MS		Bactochem
Cadmium (Cd)	N.M.T 0.5	<0.499	ppm		Pass	
Mercury (Hg)	N.M.T 0.1	<0.099	ppm		Pass	
Nickel (Ni)	Indicative	<0.99	ppm			
Lead (Pb)	N.M.T 5.0	<4.99	ppm		Pass	
Zinc (Zn)	Indicative	66.944	ppm			
Pesticides Residues	Not Detected	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	
E.coli O-157	Negative	NA	NA	ISO 16654	NA	
Salmonella	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	
Shigella	Negative	NA	NA	ISO 21567	NA	

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Enterobacterium ^(B)	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	Bactochem
Listeria	Negative	NA	NA	ISO 11290-1	NA	
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	ppb	HPLC	Pass	Bactochem
Aflatoxin - B1	N.M.T 2	ND	ppb		Pass	
Total-Aflatoxins (B1, B2, G1, G2)	N.M.T 4	ND	ppb		Pass	

All tests comply with current specification SPC-FP-FJD20-Pharmacann.

^{(B) Bile-tolerant gram-negative bacteria}
Documentation reference: 25.12.2022

TO-LAB-20-02
TO-LAB-21-02
COA 0049-22
COA 864774
COA 864318
COA 22-526973/003
COA 867664

Approved by:

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

תזונה Date: 24/01/2022

Reviewed and authorized by:

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

שני כרמי
PhD
תפקיד אחראית
מ.ר. 6218
Date: 24/1/22

Approvals:

Department	Name	Signature	Date
Quality Control	Hen Nehemia		15.12.2021
Quality Assurance	Elinor Cohen		19/12/2021