

TIKUN OLAM MEDICAL CANNABIS	CERTIFICATE OF ANALYSIS (COA)			
	Medical Cannabis Inflorescences T20C4 Sativa, 10g – ICE PIXIE Item code: F IP20			
Form No.:	COA-FP-FlicePixie20-Jova	Section:	QC	Page 1 of 3
Version No.:	01	Valid on:	06.12.21	

Batch Number: F-5051221639	Sample lab-number: TOL-21-1646, TOL-21-1518
Batch size (Kg): 10.29 Units: 1029	Sampling date: 23/11/2021, 07/12/2021
Manufacturer: Tikun-Olam Production	Manufacturing date: 06/12/2021
Storage conditions: RT	Expiry date: 06/2022
Date of analysis: 09/12/2021, 28/11/2021, 30/11/2021, 15/12/2021, 19/12/2021 (COA date)	COA No.: 0695-21
Growing Batch No.: GCC2131GH4	Licensed Grower: קונאבר בע"מ
Harvest month: 10/2021	Processing month: 10/2021
Stability interval\ conditions (if applicable): NA	

Batch Number: F-5051221639			Sample lab-number: TOL-21-1646, TOL-21-1518			
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)		ND	%			
tCBD ¹	0-7	<0.1	%			
Tetrahydrocannabinol Acid (THCA)	For Information Only	22.4	%			
Tetrahydrocannabinol (THC ^{Δ9})		0.4	%			
tTHC ²	16-24	20	%			
Cannabichromenic Acid (CBCA)	For Information Only	0.3	%			
Cannabichromene (CBC)		ND	%			
Cannabigerolic Acid (CBGA)		0.8	%			

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
Cannabigerol (CBG)		<0.1	%			
Cannabidivarin (CBDV)		ND	%			
Tetrahydrocannabivarin (THCV)		ND	%			
Delta-8 Tetrahydrocannabinol (THC ^{Δ8})		ND	%			
Cannabinol (CBN)	N.M.T 1.5	ND	%		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	13	%	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	50.832	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	ND	NA	ISO 16654	Pass	
Salmonella	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	
Shigella	Negative	ND	NA	ISO 21567	Pass	
Enterobacterium ⊗	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	

⊗ Bile-tolerant gram-negative bacteria.

19.12.2021

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Test	Specifications	Results	Units	Method	Conclusion Pass/Fail	Testing Site
Listeria	Negative	ND	NA	ISO 11290-1	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	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-FIcePixie20-Jova.

Documentation reference:

TO-LAB-20-02 TO-LAB-21-02 TO-LAB-04-09 TO-LAB-04-10 COA 0677-21 COA 852154 COA 851644 COA 21-517383/002 COA 857680
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Approved by:

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

[Signature] Date: *19.12.2021*

Reviewed and authorized by:

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

[Signature] Date: *19/12/2021*

Approvals:

Department	Name	Signature	Date
Quality Control	Hen Nehemia	<i>[Signature]</i>	<i>06.12.2021</i>
Quality Assurance	Elinor Cohen	<i>[Signature]</i>	<i>06/12/2021</i>