

TIKUN OLAM MEDICAL CANNABIS	<b>CERTIFICATE OF ANALYSIS (COA)</b>			
	<b>Medical Cannabis Inflorescences T20C4 Sativa, 10g – ICE PIXIE</b> Item code: F IP20			
<b>Form No.:</b>	<b>COA-FP- FicePixie20-Jova</b>	<b>Section:</b>	<b>QC</b>	<b>Page 1 of 3</b>
<b>Version No.:</b>	<b>01</b>	<b>Valid on:</b>	06.12.21	

Batch Number: F-5051221638	Sample lab-number: TOL-21-1645, TOL-21-1517
Batch size (Kg): 25.09      Units: 2509	Sampling date: 23/11/2021, 07/12/2021
Manufacturer: Tikun-Olam Production	Manufacturing date: 05/12/2021
Storage conditions: RT	Expiry date: 06/2022
Date of analysis: 08/12/2021, 28/11/2021, 29/11/2021, 15/12/2021, 19/12/2021 (COA date)	COA No.: 0696-21
Growing Batch No.: GCC2132GH5	Licensed Grower: קנאבר בע"מ
Harvest month: 10/2021	Processing month: 10/2021
Stability interval\ conditions (if applicable): NA	


Batch Number: F-5051221638			Sample lab-number: TOL-21-1645, TOL-21-1517			
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 <sup>1</sup>	0-7	<0.1	%			
Tetrahydrocannabinol Acid (THCA)	For Information Only	23.3	%			
Tetrahydrocannabinol (THC <sup>Δ9</sup> )		0.5	%			
tTHC <sup>2</sup>	16-24	21	%			
Cannabichromenic Acid (CBCA)	For Information Only	0.4	%			
Cannabichromene (CBC)		ND	%			
Cannabigerolic Acid (CBGA)		0.9	%			

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

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

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Batch Number: F-5051221638			Sample lab-number: TOL-21-1645, TOL-21-1517			
Test	Specifications	Results	Units	Method	Conclusion Pass\Fail	Testing Site
Cannabigerol (CBG)		<0.1	%			
Cannabidiol (CBD)		ND	%			
Tetrahydrocannabinol (THC)		ND	%			
Delta-8 Tetrahydrocannabinol (THC <sup>Δ8</sup> )		ND	%			
Cannabinol (CBN)	N.M.T 1.5	<0.1	%		Pass	
<b>Foreign Matter Test</b>	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
<b>Loss on Drying</b>	9-15	14	%	Ph. Eur 2.2.32	Pass	Tikun-Olam
<b>Heavy Metals</b>						
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	54.211	ppm			
<b>Pesticides Residues</b>	Not Detected	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	
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	
<b>Mycotoxins</b>						
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 COA 0670-21 COA 851952 COA 851657 COA 21-517383/001 COA 857658
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Approved by:

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Hen Nehemia Date: 19.12.2021

Reviewd and authorized by:

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

Elinor Cohen Date: 19/12/2021

Approvals:

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