	<b>CERTIFICATE OF ANALYSIS (COA)</b>			
	<b>Medical Cannabis Inflorescences T20C4, 10g</b>			
<b>Form No.:</b>	<b>COA-FP-FT20C4</b>	<b>Section:</b>	<b>QC</b>	<b>Page 1 of 3</b>
<b>Version No.:</b>	<b>01</b>	<b>Valid on:</b>	<i>08.05.2022</i>	

Product Name: Summer Diesel Inflorescences, T20C4 Sativa	Item code: F SD20
Batch Number: F-SD0422947	Sample lab-number: TOL-22-676, TOL-22-070


Batch size (Kg): 43.63	Units: 4363
Manufacturer: Tikun-Olam Production	Manufacturing date: 26/04/2022
Sampling date: 16/01/2022, 03/05/2022	Expiry date: 03/2023
Storage conditions: RT	COA No.: 0417-22
Stability interval\ conditions (if applicable): NA	
Date of analysis: 04/05/2022, 23/01/2022, 15/05/2022 (COA date)	

Test	Specifications	Results	Units	Method	Conclusion Pass/Fail	Testing Site
<b>Appearance</b>	Brown to green clustered flowers	Complies	NA	Visual Inspection TO-LAB-21	Pass	Tikun-Olam
<b>Fineness</b>	No leaves shooting out more than 10% of the length of the flowers	Complies	NA	Visual Inspection TO-LAB-21	Pass	Tikun-Olam
<b>Identification</b>	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	%	In house procedure (TO-LAB-40.14) According to Ph. Eur 2.2.46 / USP 621 requirements		Tikun-Olam
Cannabidiol (CBD)		<0.1	%			
tCBD <sup>1</sup>	0-7	<0.1	%		Pass	
Tetrahydrocannabinol Acid (THCA)	For Information Only	22.2	%			
Tetrahydrocannabinol (THC <sup>Δ9</sup> )		0.9	%			
tTHC <sup>2</sup>	16-24	20	%		Pass	
Cannabichromenic Acid (CBCA)	For Information Only	0.2	%			
Cannabichromene (CBC)		<0.1	%			
Cannabigerolic Acid (CBGA)		0.3	%			
Cannabigerol (CBG)		<0.1	%			
Cannabidivarin (CBDV)		ND	%			
Tetrahydrocannabivarin (THCV)		<0.1	%			

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

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

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<b>Version No.:</b>	<b>01</b>	<b>Valid on:</b>	08.05.2022		

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Delta-8 Tetrahydrocannabinol (THC <sup>Δ8</sup> )		<0.2	%			
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	13	%	In house procedure (TO-LAB-40.09) based on Ph. Eur. 2.2.32	Pass	Tikun-Olam
<b>Heavy Metals</b>						
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	52.324	ppm			
<b>Pesticides Residues</b>						
Pesticides Residues	According to 152 SOP	ND	mg/kg	GCMS LCMS	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	
Salmonella	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	
Enterobacteriaceae <sup>3</sup>	N.M.T 20	ND	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	
<b>Mycotoxins</b>						
Ochratoxin A	N.M.T 2	ND	µg/kg	HPLC	Pass	Bactichem
Aflatoxin - B1	N.M.T 2	ND	µg/kg		Pass	
Total-Aflatoxins (B1, B2, G1, G2)	N.M.T 4	ND	µg/kg		Pass	

<sup>3</sup> Bile Tolerance Presence

<b>TIKUN OLAM</b> <small>MEDICAL CANNABIS</small>	<b>CERTIFICATE OF ANALYSIS (COA)</b>		
	<b>Medical Cannabis Inflorescences T20C4, 10g</b>		
<b>Form No.:</b>	<b>COA-FP-FT20C4</b>	<b>Section:</b>	<b>QC</b>
<b>Version No.:</b>	<b>01</b>	<b>Valid on:</b>	<i>08.05.2022</i>

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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 0403-22 COA 868856 COA 868904 COA 22-557658/003 COA 904896
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Approved by:

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

*[Signature]* Date: *15-05-2022*

Reviewd and authorized by:

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

*[Signature]* Date: *15/05/2022*

Approvals:

Department	Name	Signature	Date
Quality Control	Hen Nehemia	<i>[Signature]</i>	<i>04.05.2022</i>
Quality Assurance	Elinor Cohen	<i>[Signature]</i>	<i>08/05/2022</i>