

**CERTIFICATE OF ANALYSIS (COA)**  
**Medical Cannabis Inflorescences T20C4, 10g**

<b>Document No.:</b>	<b>COA-FP-FT20C4</b>	<b>Section:</b>	<b>QC</b>	<b>Page 1 of 3</b>
<b>Version:</b>	<b>03</b>	<b>Effective Date:</b>	<b>14-11-2022</b>	

<b>Product Name:</b> Amsterdam Inflorescences, T20C4 Indica	<b>Item code:</b> FAMS20
<b>Batch Number:</b> F-AMS0923609	<b>Sample lab-number:</b> TOL-23-724, TOL-23-824

<b>Batch size (Kg): *</b>	<b>Units: *</b>	<b>Assay calculated by KF/LOD:</b> LOD
<b>Manufacturer:</b> CANNBIT PRODUCTION LTD		<b>Manufacturing date:</b> 28/09/2023
<b>Sampling date:</b> 15/08/2023, 02/10/2023		<b>Expiry date:</b> 09/2024
<b>Storage conditions:</b> RT		<b>COA No.:</b> 1096-23 (V2)
<b>Stability interval\ conditions (if applicable):</b> NA		
<b>Date of analysis:</b> 02/10/2023, 03/10/2023, 28/08/2023, 30/08/2023, 08/10/2023, 09/10/2023 (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>Finesness</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

<b>Assay of Cannabinoids by HPLC (calculated on dried basis)</b>						
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	Pass	Tikun-Olam
Cannabidiol (CBD)		ND	%			
tCBD <sup>1</sup>	0-7	<0.1	%		Pass	
Tetrahydrocannabinol Acid (THCA)	For Information Only	24.7	%			
Tetrahydrocannabinol (THC <sup>2</sup> )		2.8	%			
tTHC <sup>2</sup>	16-24	24	%		Pass	
Cannabichromenic Acid (CBCA)	For Information Only	0.1	%			
Cannabichromene (CBC)		<0.1	%			
Cannabigerolic Acid (CBGA)		1.2	%			
Cannabigerol (CBG)		0.2	%			
Cannabidivarin (CBDV)		ND	%			

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

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

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<b>Tetrahydrocannabivarin (THCV)</b>		<0.1	%			
<b>Delta-8 Tetrahydrocannabinol (THC<sup>Δ8</sup>)</b>		<0.1	%			
<b>Cannabinol (CBN)</b>	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>	6-14	13	%	In house procedure (TO-LAB-40.09) based on Ph. Eur. 2.2.32	Pass	Tikun-Olam
<b>Karl Fischer</b>	6-14	NA	%	In house procedure (TO-LAB-40.10) according to Ph. Eur. 2.5.12/ USP 291	NA	NA
<b>Heavy Metals</b>						
<b>Arsenic (As)</b>	N.M.T 2.5	<0.5	ppm	ICP-MS	Pass	Bactochem
<b>Cadmium (Cd)</b>	N.M.T 0.5	<0.1	ppm		Pass	
<b>Mercury (Hg)</b>	N.M.T 0.1	<0.1	ppm		Pass	
<b>Nickel (Ni)</b>	Indicative	<0.5	ppm			
<b>Lead (Pb)</b>	N.M.T 5.0	<1.0	ppm		Pass	
<b>Zinc (Zn)</b>	Indicative	65.986	ppm			
<b>Pesticides Residues</b>						
<b>Pesticides Residues</b>	According to 152 SOP	ND	mg/kg	GCMS LCMS	Pass	Bactochem
<b>Microbiology</b>						
<b>Total Aerobic Microbial Count (TAMC)</b>	N.M.T 20,000	<1000	CFU/g	Ph. Eur 2.6.12/ USP <61>	Pass	Institute For Food Microbiology
<b>Total Yeasts and Molds Count (TYMC)</b>	N.M.T 2,000	<100	CFU/g	Ph. Eur 2.6.12/ USP <61>	Pass	
<b>E.coli</b>	N.M.T 20	ND	CFU/g	Ph. Eur 2.6.13/ USP <62>	Pass	
<b>Salmonella</b>	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	
<b>Enterobacteriaceae<sup>3</sup></b>	N.M.T 20	ND	CFU/g	Ph. Eur 2.6.13/ USP <62>	Pass	
<b>Staphylococcus aureus</b>	Negative	ND	NA	Ph. Eur 2.6.13/ USP <62>	Pass	

<sup>3</sup> Bile Tolerance Presence

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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	Cannasoul
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 1083-23 CO 1054283 COA 1055034 COA 23-709946/002 COA PQ23000957-2023-4465-1  * As documented in MBR
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Approved by:

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

 Date: 20.11.2023

Reviewed and authorized by:

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

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 מ.ר. 6218  
 Date: 20/11/2023

Approvals:

	Name	Title	Signature	Date
<b>Approved by:</b>	Tsiona Nehemia	Lab Manager	**Signed_Electronically**	09-11-2022 16:49
<b>Approved by:</b>	Elinor Cohen	QA Manager	**Signed_Electronically**	09-11-2022 19:13