

TIKUN OLAM MEDICAL CANNABIS	CERTIFICATE OF ANALYSIS (COA)		
	IMC Medical Grade Cannabis Inflorescences T15C3 Sativa, 10g – ALASKA Item code: FALS15		
Form No.:	COA-FP-FALS15	Section:	QC
Version No.:	02	Valid on:	05.01.2021

Batch Number: FALS1220134	Sample lab-number: TOL-20-398
Batch size (Kg): 56.47 Units: 5647	Sampling date: 23/12/2020
Manufacturer: Tikun-Olam Production	Manufacturing date: 20/12/2020
Storage conditions: RT	Expiry date: 06/2021
Date of analysis: 03/01/2021, 04/01/2021, 05/01/2021 (COA date)	COA No.: 0002-21
Growing Batch No.: KAKALS04370920-01	Licensed Grower: כפר יהושע גידולים 2017 בע"מ
Harvest month: 09/2020	Processing month: 09/2020
Stability interval\ conditions (if applicable): NA	

Batch Number: FALS1220134				Sample lab-number: TOL-20-398		
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	Bactochem

Assay of Cannabinoids by HPLC (calculated on dried basis)

Cannabinoid	Specification	Result	Units	Method	Conclusion	Testing Site
Cannabidiolic Acid (CBDA)	For Information Only	0.03	%	HPLC	Pass	Bactochem
Cannabidiol (CBD)		0.2	%			
tCBD ¹	0-5.5	0.3	%			
Tetrahydrocannabinol Acid (THCA)	For Information Only	14.2	%			
Tetrahydrocannabinol (THC ^{Δ9})		1	%			
tTHC ²	11-19	13.5	%			
Cannabichromene (CBC)	For Information Only	0.02	%			
Cannabigerol (CBG)		0.09	%			
Cannabigerolic acid (CBGA)		0.2	%			
Cannabinol (CBN)	N.M.T 1.5	<0.01	%	Pass		

¹ tCBD = 0.877*[CBDA] + [CBD]

² tTHC = 0.877*[THCA] + [THC]

TIKUN OLAM THE GLOBAL STANDARD	CERTIFICATE OF ANALYSIS (COA)		
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Test	Specifications	Results	Units	Method	Conclusion Pass/Fail	Testing Site
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	12	%	Ph. Eur 2.2.32	Pass	Bactochem

Heavy Metals						
Test	Specifications	Results	Units	Method	Conclusion Pass/Fail	Testing Site
Arsenic (As)	Indicative	<0.99	ppm	ICP-MS	Pass	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		Pass	
Lead (Pb)	N.M.T 5.0	<4.99	ppm		Pass	
Zinc (Zn)	Indicative	89.173	ppm		Pass	
Pesticides Residues	Not Detected	ND	mg/kg	GC\MS LC\MS	Pass	Bactochem

Microbiology						
Test	Specifications	Results	Units	Method	Conclusion Pass/Fail	Testing Site
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	
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	

⊕ bile-tolerant gram-negative bacteria
10.01.2021

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Mycotoxins						
Ochratoxin A	Not Detected	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-FALS15.

Documentation reference:

TO-LAB- 20-02
 TO-LAB-21-02
 COA 749389
 COA 749462
 COA 749637
 COA 20-427523/002
 COA 749531

Approved by:

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Reviewd and authorized by:

Elinor Cohen, Quality Assurance [Signature] Date: 10/1/2021

Approvals:

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