

Certificate of Analysis (CoA)

Batch Number: <u>14TVTI2021002</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-671</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>28.06.21</u>	Expiry Date: <u>06/2022</u>

Catalog Number: 14TVTI20	Medical Cannabis Flowers, Indica 10g THC 20% / CBD 4%, Tripoli
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Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Appearance	Visual Inspection QC02AM011	Brown green clustered flowers of NLT 0.5 cm length, with a characteristic smell	ok	conforms	BoL
Foreign Matter	QC02AM010	NMT 2% m/m	ok	conforms	
External Pests	QC02AM010	The sample is free from molds, insects and another animal contamination	ok	conforms	BoL
Identification CBD, THC, CBN	HPLC UV QC02AM008	The retention time of the main peak is identical to the standard	ok	conforms	BoL
Assay (on dry basis)					
THC	HPLC UV QC02AM008	Indicative	2.8% -	conforms	BoL
THCA		Indicative	22.1% -	conforms	
Total THC		16% - 24%	22.2% -	conforms	
CBD		Indicative	20.1% -	conforms	
CBDA		Indicative	20.1% -	conforms	
Total CBD		0% - 7%	20.1% -	conforms	
CBG		Indicative	20.1% -	conforms	
CBGA		Indicative	0.5% -	conforms	
CBC		Indicative	20.1% -	conforms	
CBN		Up to 1.5%	<0.1% -	conforms	
Loss on Drying	QC01GE036	12 ± 3%	16%	conforms	BoL
Mycotoxins					
Aflatoxin B1	QC02AM040	LT 2µg/Kg	< 1 µg/kg	conforms	BoL
Total-Aflatoxins (B1, B2, G1, G2)		LT 4µg/Kg	< 1 µg/kg	conforms	
Ochratoxin A		LT 1µg/Kg (QL)	< 1 µg/kg	conforms	
Pesticides Residues	GC-MS LC-MS	Not detected	Not Detected	conforms	Aminalab

Printed Date: 05-07-2021. Printed By: Jesse Hartman. --CONFIDENTIAL--

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Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Heavy Metals					
Mercury	ICP-MS	< 0.1 ppm	< 0.1 ppm	conform	A. Ajmal
Arsenic		Indicative	< 1 ppm	conform	
Cadmium		< 0.5 ppm	< 0.5 ppm	conform	
Nickel		Indicative	< 5 ppm	conform	
Lead		< 5.0 ppm	< 1 ppm	conform	
Zinc		Indicative	73 ppm	conform	
Microbiology					
Total Aerobic Microbial Count (TAMC)	MIC10GE023	NMT 20,000 CFU/g	< 100 cfu/g	conform	Bol
Total Combined Yeasts/Molds Count (TYMC)		NMT 2,000 CFU/g	< 100 cfu/g	conform	
S.Aureus		Negative	Negative	conform	
Salmonella		Negative	Negative	conform	
Listeria		Negative	Negative	conform	
P. Aeruginosa		Negative	Negative	conform	
Enterobacteria		Negative	Negative	conform	
E. Coli		NMT 20 CFU/g	Negative	conform	
E. Coli O157		Negative	Negative	conform	
Shigella		Negative	Negative	conform	

Test	Analysis Date	Notebook
Appearance, Assay, Identification, LOD	05.07.21	123/2021, p. 51
Foreign Matter, External Pests	06.07.21	102/2021, p. 52
Mycotoxins	06.07.21	118/2021 Page 51
Microbiology	05.07.21	125/2021 p. 11

All tests are approved according to current specification of catalog number 14TVTI20

QC Approval: [Signature] Date: 11.07.21

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Units Produced: 19208

Units Released: 19151

CQP Approval: J.P Date: 11.07.21

Testing Site(s):

1) Breath of Life Cannabis Manufacturing of Medical Products (BOL Pharma)

Kibbutz Revadim Industrial Zone ,7982000, Israel

2) Aminolab Ltd.

Pinhas Sapir Street 1, Weizmann Science Park, Ness Ziona, 7414001 Israel

Manufacturing Site:

Breath of Life Cannabis Manufacturing of Medical Products (BoL Pharma)

Kibbutz Revadim Industrial Zone ,7982000, Israel

Approved By:

	Name	Title	Signature	Date
Department Representative:	Guy Givol	Quality Control (Laboratory) representative	**Signed_Electronically**	22-06-2021 09:29
Department Representative:	Yulia Popik	QA representative	**Signed_Electronically**	22-06-2021 13:20

To:

Mina Blum

Breath of life cannabis manufacturing of medical products

Email: Mina.Blum@bolpharma.com



ISIRAC
הרשות הלאומית
להסמכה מעבדות
ISO/IEC 17025
No. 005

CERTIFICATE OF ANALYSIS No.025002.21

Aminolab No.: 054796.21-CP **Batch No.:** 14TVTI2021002
Sample name: Cannabis inflorescence Tripoli T20/C4 - CL-21-334
Sample reception: 05/07/2021
Sampled by: The Customer
Sampling type: --
Order No: PO21000785

Analyses Results:

Analysis	Units	Results	Remarks
Chemistry			
Metals scan by ICP-MS - IMCA spec			1
Arsenic - As	ppm	<1	-
Cadmium - Cd	ppm	<0.5	-
Mercury - Hg	ppm	<0.1	-
Nickel - Ni	ppm	<5	-
Lead - Pb	ppm	<1	-
Zinc - Zn	ppm	73	-
Pesticide Residues by GC-MS/MS	mg/Kg	ND	(-)
Pesticide Residues by LC-MS/MS	mg/Kg	ND	(-)

Analyses Remarks:

(-) = No Comments

1. ICP scan - results including "<" = Below reporting limits

ND=Not Detected

Approved by: Yoram Cohen, Ph.D.-Lab. Manager



Signature: _____

Aminolab No.: 054796.21-CP

07/07/2021
No.025002.21



Quality Assurance:

Analysis	Method / Standard	Remarks
Metals scan by ICP-MS - IMCA spec	SOP# 20.WI.159	a,b
Pesticide Residues by GC-MS/MS	In-house procedure by GC-MS/MS based on European Pharmacopeia (EP) 2.8.13, SANTE/11813/2017 and AOAC 2007.01	a,b
Pesticide Residues by LC-MS/MS	In-house procedure by LC-MS/MS based on European Pharmacopeia (EP) 2.8.13, SANTE/11813/2017 and AOAC 2007.01	a,b

Accreditations / Certifications:

The laboratory is accredited under ISO/IEC 17025 with standard operating procedures.

a. Aminolab has the recognition by the Ministry of Health, Medical Cannabis unit.

b. Aminolab is accredited to perform this analysis under ISO/IEC 17025 by ISRAC.

ISRAC is not responsible for the tests results performed by the laboratory and the accreditation does not approve the tested item results.

Approved by: Yoram Cohen, Ph.D.-Lab. Manager



Signature: _____

This certificate is valid only when it is presented in its complete format, and it is not permitted to extract part for inclusion in any other document. The data presented accurately expresses the results for the sample received only. It is not permitted to use Aminolab Ltd's name or its reputation in respect to the above - specified results, without Aminolab written consent.

* End of Certificate of analysis *