

Certificate of Analysis (CoA)

Batch Number: <u>14M052021003</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-1067</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>29.11.21</u>	Expiry Date: <u>11/2022</u>

Medical Cannabis Flowers, 10g, THC 20% / CBD 4%	
Catalog Number: 14 <u>M0520</u>	Description: <u>Sativa, Moby Dick</u>

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)							
THCA	HPLC UV QC02AM008	Indicative	22.9% ✓	conforms	BOL		
THC		Indicative	0.6% ✓	conforms			
Total THC		16% - 24%	20.6% ✓	conforms			
CBDA		Indicative	<0.1% ✓	conforms			
CBD		Indicative	<0.1% ✓	conforms			
Total CBD		0% - 7%	<0.1% ✓	conforms			
CBG		Indicative	<0.1% ✓	conforms			
CBGA		Indicative	0.5% ✓	conforms			
CBC		Indicative	<0.1% ✓	conforms			
CBN		Up to 1.5%	<0.1% ✓	conforms			
Loss on Drying		QC01GE036	12 ± 3%	10% ✓		conforms	BOL
Mycotoxins							
Aflatoxin B1	QC02AM040	NMT 2µg/Kg	< 1µg/kg ✓	conforms	BOL		
Total-Aflatoxins (B1, B2, G1, G2)		NMT 4µg/Kg	< 1µg/kg ✓	conforms			
Ochratoxin A		LT 1µg/Kg (QL)	< 1µg/kg ✓	conforms			
Pesticides Residues	GC-MS LC-MS	Not detected	not detected ✓	conforms	Aminolab		

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Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Heavy Metals					
Mercury	ICP-MS	< 0.1 ppm	< 0.1 ppm -	Conforms	Aminolab
Arsenic		Indicative	< 1 ppm -	Conforms	
Cadmium		< 0.5 ppm	< 0.5 ppm -	Conforms	
Nickel		Indicative	< 5 ppm -	Conforms	
Lead		< 5.0 ppm	< 1 ppm -	Conforms	
Zinc		Indicative	158 ppm -	Conforms	
Microbiology					
Total Aerobic Microbial Count (TAMC)	MIC10GE023	NMT 20,000 CFU/g	< 100 cfu/g -	conforms	BOL
Total Combined Yeasts/Molds Count (TYMC)		NMT 2,000 CFU/g	< 100 cfu/g -	conforms	
S.Aureus		Negative	Negative -	conforms	
Salmonella		Negative	Negative -	conforms	
Listeria		Negative	Negative -	conforms	
P. Aeruginosa		Negative	Negative -	conforms	
Enterobacteria		Negative	Negative -	conforms	
E. Coli		NMT 20 CFU/g	Negative -	conforms	
E. Coli O157		Negative	Negative -	conforms	
Shigella		Negative	Negative -	conforms	

Test	Analysis Date	Notebook
Appearance, Assay, Identification, LOD	01.12.21	206/2021, p.11
Foreign Matter, External Pests	01.12.21	207/2021, p.16
Mycotoxins	02.12.21	204/2021 p.21
Microbiology	01.12.21	198/2021 p.41

All tests are approved according to current specification SP-0219

QC Approval: _____ Date: 06.12.21

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Units Produced: 9490

Units Released: 9432

CQP Approval: [Signature] Date: 06.12.21

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**	28-11-2021 11:08
Department Representative:	Yulia Popik	QA representative	**Signed_Electronically**	28-11-2021 15:54

To:
Mina Blum
Breath of life cannabis manufacturing of medical products
Email: Mina.Blum@bolpharma.com

05/12/2021
No.046365.21



Copy to: Tal Bar, Email: tal.bar@bolpharma.com
Cindy Elmechaly, Email: cindy.elmechaly@bolpharma.com

CERTIFICATE OF ANALYSIS No.046365.21

Aminolab No.: 103818.21-CP **Batch No.:** 14MODS2021003
Sample name: Cannabis Inflorescence Moby Dick
(CL-21-560)
Sample reception: 01/12/2021
Sampled by: The Customer
Sampling type: --
Order No: PO21001479

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	158	-
Pesticide Residues by GC-MS/MS	mg/Kg	ND	2
Pesticide Residues by LC-MS/MS	mg/Kg	ND	2

Analyses Remarks:

(-) = No Comments

- ICP scan - results including "<" = Below reporting limits
- List of pesticides analyzed, including the reporting levels, was sent to the customer.

ND=Not Detected

Approved by: Irina Rubeinstein, Ph.D.-Lab. Manager



Signature: _____

Aminolab No.: 103818.21-CP

05/12/2021
No.046365.21



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: Irina Rubeinstein, 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 Ltds' name or its reputation in respect to the above - specified results, without Aminolab written consent.

*** End of Certificate of analysis ***