

Certificate of Analysis (CoA)

14EMW1202101

Batch Number:	<u>14EMW1202101</u>	Time Point:	<u>Release</u>
QC Number:	<u>QC-21-1080</u>	Storage Conditions:	<u>RT</u>
Manufacturing Date:	<u>06.12.21</u>	Expiry Date:	<u>12/2022</u>

Medical Cannabis Flowers, 10g, THC 20% / CBD 4%	
Catalog Number: 14 <u>EMW120</u>	Description: <u>Indica, water</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	o.k	conforms	BoL
External Pests	QC02AM010	The sample is free from molds, insects and another animal contamination	o.k	conforms	
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	26.7% ✓	conforms	BoL
THC		Indicative	0.7% ✓	conforms	
Total THC		16% - 24%	24.1% ✓	conforms	
CBDA		Indicative	20.1% ✓	conforms	
CBD		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%	20.1% ✓	conforms	
Loss on Drying		QC01GE036	12 ± 3%	11% ✓	
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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Manufacturing Date: <u>06.12.21</u>	Expiry Date: <u>12/2022</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Heavy Metals					
Mercury	ICP-MS	< 0.1 ppm	< 0.1 ppm -	Conforms	Amixalab
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	93 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	08.12.21	210/2021, p. 01
Foreign Matter, External Pests	09.12.21	202/2021 p. 28
Mycotoxins	08.12.21	204/2021 p. 11
Microbiology	08.12.21	209/2021 p. 11

All tests are approved according to current specification SP-0219

QC Approval: _____ Date: 13-12-21

Certificate of Analysis (CoA)

14EMW5202101

Batch Number: <u>14EMW5202101</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-1080</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>06.12.21</u>	Expiry Date: <u>12/2022</u>

Units Produced: 5557

Units Released: 5494

CQP Approval: DD Date: 13.12.21

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**	05-12-2021 11:51
Department Representative:	Yulia Popik	QA representative	**Signed_Electronically**	06-12-2021 07:11

To:

Mina Blum

Breath of life cannabis manufacturing of medical products

Email: Mina.Blum@bolpharma.com

12/12/2021

No.047424.21



CERTIFICATE OF ANALYSIS No.047424.21

Aminolab No.: 106043.21-CP

Batch No.:

14EMWI202101

Sample name: Cannabis inflorescence (CL-21-569)

Sample reception: 08/12/2021

Sampled by: The Customer

Sampling type: --

Order No: PO21001500

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	93	-
Pesticide Residues by GC-MS/MS	mg/Kg	ND	2
Pesticide Residues by LC-MS/MS	mg/Kg	ND	2

Analyses Remarks:

(-) = No Comments

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

2. 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.: 106043.21-CP

12/12/2021

No.047424.21



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: _____