

Certificate of Analysis (CoA)

Batch Number: <u>14HESF2022002</u>	Time Point: <u>Release</u>
QC Number: <u>QC-22-030</u>	Storage Conditions: <u>R7</u>
Manufacturing Date: <u>11.07.22</u>	Expiry Date: <u>07/2023</u>

Medical Cannabis Flowers, 10g, THC 20% / CBD 4%	
Catalog Number: 14 <u>HES22</u>	Description: <u>Indica, Tsunami, Mexo</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	o.k -	Conform	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	o.k -	conform	BOL
Assay (on dry basis)					
THCA	HPLC UV QC02AM008	Indicative	24.0 % ✓	conform	BOL
THC		Indicative	1.7 % ✓	conform	
Total THC		16% - 24%	22.8 % ✓	conform	
CBDA		Indicative	20.7 % ✓	conform	
CBD		Indicative	20.7 % ✓	conform	
Total CBD		0% - 7%	20.7 % ✓	conform	
CBG		Indicative	20.7 % ✓	conform	
CBGA		Indicative	1.0 % ✓	conform	
CBC		Indicative	20.7 % ✓	conform	
CBN		Up to 1.5%	20.7 % ✓	conform	
Loss on Drying	QC01GE036	12 ± 3%	12 % ✓	conform	BOL
Mycotoxins					
Aflatoxin B1	QC02AM040	NMT 2µg/Kg	< 1 µg/Kg ✓	conform	BOL
Total-Aflatoxins (B1, B2, G1, G2)		NMT 4µg/Kg	< 1 µg/Kg ✓	conform	
Ochratoxin A		LT 1µg/Kg (QL)	< 1 µg/Kg ✓	conform	
Pesticides Residues	GC-MS LC-MS	Not detected	not detected	Conforms	AmbiLab

Certificate of Analysis (CoA)

Batch Number: <u>14HESL2022002</u>	Time Point: <u>Release</u>
QC Number: <u>QC-22-030</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>11-01-22</u>	Expiry Date: <u>07/2023</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Heavy Metals					
Mercury	ICP-MS	< 0.1 ppm	< 0.1 ppm	Conforms	Aminalab
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	4.9 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	12.01.22	09/2022 page 51
Foreign Matter, External Pests	12.01.22	024/2022, p.13
Mycotoxins	12.01.22	018/2022, P. 21
Microbiology	12.01.22	002/2022 Page 26

All tests are approved according to current specification SP-0219

QC Approval: _____ Date: 12.01.22

Certificate of Analysis (CoA)

Batch Number: <u>14HESI2022002</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-030</u>	Storage Conditions: <u>R7</u>
Manufacturing Date: <u>17.07.22</u>	Expiry Date: <u>07/2023</u>

Units Produced: 1901

Units Released: 1844

CQP Approval: [Signature] Date: 18.01.22

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**	08-12-2021 12:13
Department Representative:	Yulia Popik	QA representative	**Signed_Electronically**	08-12-2021 13:31

To:

Mina Blum

Breath of life cannabis manufacturing of medical products

Email: Mina.Blum@bolpharma.com

16/01/2022

No.001881.22



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

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Cindy Elmechaly, Email: cindy.elmechaly@bolpharma.com

CERTIFICATE OF ANALYSIS No.001881.22

Aminolab No.: 002898.22-CP **Batch No.:** 14HESI2022002
Sample name: Cannabis inflorescence (CL-22-020)
Sample reception: 12/01/2022
Sampled by: The Customer
Sampling type: --
Order No: PO22000055

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	49	-
Pesticide Residues by GC-MS/MS	mg/Kg	ND	2,3
Pesticide Residues by LC-MS/MS	mg/Kg	ND	2,3

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.
3. Results below 0.05 ppm are not reported.

ND=Not Detected

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



Signature: _____

Aminolab No.: 002898.22-CP

16/01/2022
No.001881.22



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 *