

Certificate of Analysis (CoA)

Batch Number: <u>14HESS2021003</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-1683</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>07-12-21</u>	Expiry Date: <u>06/2022</u>

Medical Cannabis Flowers, 10g, THC 20% / CBD 4%	
Catalog Number: 14 <u>HESS20</u>	Description: <u>Sativa, Helios, Hexo</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	
External Pests	QC02AM010	The sample is free from molds, insects and another animal contamination	o.k -	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	20.0% ✓	conforms	BOL
THC		Indicative	1.1% ✓	conforms	
Total THC		16% - 24%	18.6% ✓	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%	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	AmikaLab

Printed Date: 09-12-2021. Printed By: Jesse Hartman. --CONFIDENTIAL--

Certificate of Analysis (CoA)

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Manufacturing Date: <u>07.12.21</u>	Expiry Date: <u>06/2022</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Heavy Metals					
Mercury	ICP-MS	< 0.1 ppm	< 0.1 ppm	Conforms	Amirolab
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	23 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	09.12.21	210/2021, p.11
Foreign Matter, External Pests	09/12/21	202/2021 p.38
Mycotoxins	17.12.21	241/21 p.41
Microbiology	09.12.21	209/2021 p.16

All tests are approved according to current specification SP-0219

QC Approval: [Signature] Date: 16.12.21

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Units Produced: 9486

Units Released: 9428

CQP Approval: JD Date: 16.12.21

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**	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



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

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CERTIFICATE OF ANALYSIS No.047841.21

Aminolab No.: 106516.21-CP **Batch No.:** 14HESS2021003
Sample name: Cannabis Inflorescence (CL-21-571)
Sample reception: 09/12/2021
Sampled by: The Customer
Sampling type: --
Order No: PO21001508

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	23	-
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.: 106516.21-CP

14/12/2021

No.047841.21



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 ISIRAC.

ISIRAC 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: _____