

**Certificate of Analysis (CoA)**

Batch Number: <u>14HESI2022001</u>	Time Point: <u>Release</u>
QC Number: <u>QC-22-082</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>19.01.22</u>	Expiry Date: <u>01/23</u>

Medical Cannabis Flowers, 10g, THC 20% / CBD 4%	
Catalog Number: 14 <u>HESI 20</u>	Description: <u>India, Hexo, Tsunami</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Appearance	Visual Inspection QCM-0005	Brown green clustered flowers of NLT 0.5 cm length, with a characteristic smell	ok	conforms	BOL
Foreign Matter	Visual Inspection QCM-0004	NMT 2% m/m	ok	conforms	
External Pests	Visual Inspection QCM-0004	The sample is free from molds, insects and another animal contamination	ok	conforms	BOL ✓
Identification CBD, THC, CBN	HPLC UV QCM-0028	The retention time of the main peak is identical to the standard	ok	conforms	BOL
<b>Assay (on dry basis)</b>					
Assay THC	HPLC UV QCM-0028	Indicative	1.7%	conforms	BOL
Assay THCA		Indicative	25.9%	conforms	
Total THC		16% - 24%	24.4%	conforms	
Assay CBD		Indicative	20.1%	conforms	
Assay CBDA		Indicative	0.1%	conforms	
Total CBD		0% - 7%	0.1%	conforms	
Assay CBN		NMT 1.5%	20.1%	conforms	
Assay CBG		Indicative	20.1%	conforms	
Assay CBGA		Indicative	0.8%	conforms	
Assay CBC		Indicative	20.1%	conforms	
Assay CBCA		Indicative	20.1%	conforms	
Assay CBDV		Indicative	20.1%	conforms	
Assay CBDVA		Indicative	20.1%	conforms	
Assay CBL		Indicative	20.1%	conforms	
Assay CBLA		Indicative	20.1%	conforms	
Assay THCV		Indicative	20.1%	conforms	
Assay Δ8-THC		Indicative	20.1%	conforms	
Loss on Drying		WIN-0027	12 ± 3%	12%	
Pesticides Residues	GC-MS, LC-MS	Not detected	n.d	conforms	Amicholas
<b>Heavy Metals</b>					
Arsenic	ICP-MS	< 2.5 ppm	< 1ppm	conforms	Amicholas
Cadmium		< 0.5 ppm	< 0.1ppm	conforms	
Mercury		< 0.1 ppm	< 0.1ppm	conforms	
Nickel		Indicative	< 5ppm	conforms	
Lead		< 5.0 ppm	< 1ppm	conforms	
Zinc		Indicative	4ppm	conforms	

Printed Date: 25-01-2022. Printed By: Jesse Hartman. --CONFIDENTIAL--

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Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
<b>Mycotoxins</b>					
Total-Aflatoxins (B1, B2, G1, G2)	QCM-0017	NMT 4µg/Kg	<1µg/kg	conforms	Bul
Aflatoxin B1		NMT 2µg/Kg	<1µg/kg	conforms	
Ochratoxin A		NMT 2µg/Kg	<1µg/kg	conforms	
<b>Microbiology</b>					
Total Aerobic Microbial Count (TAMC)	IH Method QCM-0021	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		NMT 20 CFU/g	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	25.01.22	037/2022, p. 34
Foreign Matter, External Pests	30.01.22	024/2022, p. 016
Mycotoxins	26.01.22	019/2022, p. 41
Microbiology	26.01.22	02/2022 p. 46

All tests are approved according to current specification SP-0219

QC Approval: [Signature]

Date: 3/01/22

**Certificate of Analysis (CoA)**

Batch Number: <u>14HEJ2027001</u>	Time Point: <u>Release</u>
QC Number: <u>QC-22-082</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>19.01.22</u>	Expiry Date: <u>01/23</u>

Units Produced: 10006

Units Released: 9948

CQP Approval: MD Date: 01.02.22

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
- 3) Bactochem: Hacharash Street 18, Ness Ziona, 7403125 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
<b>Department Representative:</b>	Guy Givol	Quality Control (Laboratory) representative	**Signed_Electronically**	23-01-2022 18:42
<b>Department Representative:</b>	Yulia Popik	QA representative	**Signed_Electronically**	24-01-2022 10:31

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

27/01/2022  
No.003428.22



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

**CERTIFICATE OF ANALYSIS No.003428.22**

**Aminolab No.:** 006149.22-CP **Batch No.:** 14HESI2022001  
**Sample name:** Cannabis inflorescence (CL-22-043)  
**Sample reception:** 25/01/2022  
**Sampled by:** The Customer  
**Sampling type:** --  
**Order No:** PO22000105

**Analyses Results:**

Analysis	Units	Results	Remarks
<b>Chemistry</b>			
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	48	-
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: Yoram Cohen, Ph.D.-Lab. Manager



Signature: \_\_\_\_\_

**Aminolab No.: 006149.22-CP**



**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: \_\_\_\_\_