

**Certificate of Analysis (CoA)**

Batch Number: <u>14HESI2021015</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-765</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>10-08-21</u>	Expiry Date: <u>08/22</u>

Medical Cannabis Flowers, 10g, THC 20% / CBD 4%	
Catalog Number: 14 <u>HESI20</u>	Description: <u>Indica, Tsunami, 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	ok	conforms	BOL		
External Pests	QC02AM010	The sample is free from molds, insects and another animal contamination	ok	conforms			
Identification CBD, THC, CBN	HPLC UV QC02AM008	The retention time of the main peak is identical to the standard	ok	conforms	BOL		
<b>Assay (on dry basis)</b>							
THCA	HPLC UV QC02AM008	Indicative	26.9% ✓	conforms	BOL		
THC		Indicative	0.8% ✓	conforms			
Total THC		16% - 24%	24.3% ✓	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	1.3% ✓	conforms			
CBC		Indicative	20.1% ✓	conforms			
CBN		Up to 1.5%	20.1% ✓	conforms			
Loss on Drying		QC01GE036	12 ± 3%	11% ✓		conforms	BOL
<b>Mycotoxins</b>							
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	Amorlab		

Printed Date: 15-08-2021. Printed By: Jesse Hartman. --CONFIDENTIAL--

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Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
<b>Heavy Metals</b>					
Mercury	ICP-MS	< 0.1 ppm	< 0.1 ppm	Conforms	Ansolab
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	42 ppm	Conforms	
<b>Microbiology</b>					
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	15-08-21	145/2021, p.51
Foreign Matter, External Pests	16-08-21	135/2021, p.28
Mycotoxins	18-08-21	147/2021, p.31
Microbiology	15-08-21	146/2021, p.36

**All tests are approved according to current specification SP-0219**

QC Approval:  Date: 18-08-21

**Certificate of Analysis (CoA)**

Batch Number: <u>144ESI2021015</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-765</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>10.08.21</u>	Expiry Date: <u>08/22</u>

Units Produced: 21816

Units Released: 21759

CQP Approval: [Signature] Date: 22.08.21

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
<b>Department Representative:</b>	Guy Givol	Quality Control (Laboratory) representative	**Signed_Electronically**	01-08-2021 16:22
<b>Department Representative:</b>	Yulia Popik	QA representative	**Signed_Electronically**	01-08-2021 17:24

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



**CERTIFICATE OF ANALYSIS No.031226.21**

**Aminolab No.:** 069321.21-CP **Batch No.:** 14HESI2021015  
**Sample name:** Cannabis Inflorescence - CL-21-348  
**Sample reception:** 15/08/2021  
**Sampled by:** The Customer  
**Sampling type:** --  
**Order No:** PO21000969

**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	42	-
Pesticide Residues by GC-MS/MS	mg/Kg	ND	(-)
Pesticide Residues by LC-MS/MS	mg/Kg	ND	(-)

**Analyses Remarks:**

(-) = No Comments

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

ND=Not Detected

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



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

Aminolab No.: 069321.21-CP

19/08/2021  
No.031226.21



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