BOL Pharma
Breath Of Life

Form Number: COA-0227, Version: 5
Effective Date: 21-10-2021

Certificate of Analysis (CoA)

Batch Number:	14SHS2021003	Time Point:	Release
QC Number:	QC-21-944	Storage Conditions:	RT
Manufacturing Date:	20.10.21	Expiry Date:	10/22

Medical Cannabis Flowers, 10g, THC 20% / CBD 4%	
Catalog Number: 14SHS20	Description: Sativa, Shvil Hazreicha

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	
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	ok	Conforms	BOL
Assay (on dry basis)					
THCA	HPLC UV QC02AM008	Indicative	22.7% ✓	Conforms	BOL
THC		Indicative	0.2% ✓	Conforms	
Total THC		16% - 24%	20.1% ✓	Conforms	
CBDA		Indicative	<0.1% ✓	Conforms	
CBD		Indicative	<0.1% ✓	Conforms	
Total CBD		0% - 7%	<0.1% ✓	Conforms	
CBG		Indicative	<0.1% ✓	Conforms	
CBGA		Indicative	0.5% ✓	Conforms	
CBC		Indicative	<0.1% ✓	Conforms	
CBN		Up to 1.5%	<0.1% ✓	Conforms	
Loss on Drying	QC01GE036	12 ± 3%	11% ✓	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	AminoLab

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Breath Of Life

Form Number: COA-0227, Version: 5
Effective Date: 21-10-2021

Certificate of Analysis (CoA)

Batch Number:	145452021003	Time Point:	Release
QC Number:	QC-21-944	Storage Conditions:	RT
Manufacturing Date:	20.10.21	Expiry Date:	10/22

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Heavy Metals					
Mercury	ICP-MS	< 0.1 ppm	<0.1 ppm	Conforms	AminoLab
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	86 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	21.10.21	178/2021, p.41
Foreign Matter, External Pests	24.10.21	164/2021, p.25
Mycotoxins	26.10.21	178/2021, p.51
Microbiology	21.10.21	182/2021 p.11

All tests are approved according to current specification SP-0219

QC Approval: _____ Date: 28.10.21

BOL Pharma
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Form Number: COA-0227, Version: 5
Effective Date: 21-10-2021

Certificate of Analysis (CoA)

Batch Number:	~~10~~ 14SHS2021003 gm=21.10.21	Time Point:	Relax
QC Number:	QC-21-944	Storage Conditions:	RT
Manufacturing Date:	20.10.21	Expiry Date:	10/22

Units Produced: 3632

Units Released: 3575

CQP Approval: [signature] Date: 28.10.21

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**	20-10-2021 19:32
Department Representative:	Yulia Popik	QA representative	**Signed_Electronically**	21-10-2021 07:21

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25/10/2021
No.039970.21

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

ISRAC
הרשות הלאומית להסמכת מעבדות
ISO/IEC 17025
No. 005 מס'

CERTIFICATE OF ANALYSIS No.039970.21

Aminolab No.: **090803.21-CP** **Batch No.:** 14SHS2021003
Sample name: Cannabis inflorescence (CL-21-468)
Sample reception: 21/10/2021
Sampled by: The Customer
Sampling type: --
Order No: PO21001260

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	86	-
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

מעבדות אמינולאב בע"מ AMINOLAB Analytical Laboratory Services

Signature:

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25/10/2021

Aminolab No.: 090803.21-CP **No.039970.21**

ISRAC
הרשות הלאומית
להסמכת מעבדות
ISO/IEC 17025
No. 005 מס.

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

מעבדות אמינולאב בע"מ AMINOLAB Analytical Laboratory Services

Signature:

*** End of Certificate of analysis ***