

Certificate of Analysis (CoA)

Catalog Number: 14120	Medical Cannabis Flowers, Indica 10g THC 20% / CBD 4%
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	Name	Title	Signature	Date
Approved By	Guy Givol	QC Team Member 7	**Signed_Electronically**	29-12-2020 17:35
Department Representative:	Hanan Rahamim	Quality Control (Laboratory) representative	**Signed_Electronically**	29-12-2020 18:01
Department Representative:	Natalia Kramarev	QA representative	**Signed_Electronically**	30-12-2020 06:50

Batch Number: <u>1412020077</u> ✓	Time Point: <u>Prelog</u> ✓
QC Number: <u>QC-20-1569</u> ✓	Storage Conditions: <u>RT</u> ✓
Manufacturing Date: <u>28.11.20</u> ✓	Expiry Date: <u>09/2021</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	O.K	Conform	BOL
External Pests	QC02AM010	The sample is free from molds, insects and another animal contamination	O.K	Conform	
Identification CBD, THC, CBN	HPLC UV QC02AM008	The retention time of the main peak is identical to the standard	O.K	Conform	BOL

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Batch Number: <u>1412020611</u>	Time Point: <u>Before</u>
QC Number: <u>QC-20-1569</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>28.12.20</u>	Expiry Date: <u>09/2021</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Assay (on dry basis)					
THC	HPLC UV	Indicative	0.7% ✓	Conform	BoC
THCA	QC02AM008	Indicative	22.7% ✓	Conform	
Total THC		16% - 24%	20.9% ✓	Conform	
CBD		Indicative	< 0.1% ✓	Conform	
CBDA		Indicative	< 0.1% ✓	Conform	
Total CBD		0% - 7%	< 0.1% ✓	Conform	
CBG		Indicative	< 0.1% ✓	Conform	
CBGA		Indicative <i>lim 30-12-2020 0.5%</i>	0.5% ✓	Conform	
CBC		Indicative	< 0.1% ✓	Conform	
CBN		Up to 1.5%	< 0.1% ✓	Conform	
Loss on Drying	QC01GE036	12 ± 3%	9% ✓	Conform	BoC
Pesticides Residues	GC-MS LC-MS	Not detected	Not Detected	Conform	BoC

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Batch Number: <u>14120 200 17</u>	Time Point: <u>After</u>
QC Number: <u>QC-20-1569</u>	Storage Conditions: <u>R.T</u>
Manufacturing Date: <u>28.12.20</u>	Expiry Date: <u>09 / 20 27</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Heavy Metals					
Mercury	EP 2.4.27	< 0.1 ppm	< 0.1 ppm	Conforms	Bol
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	11 ppm	Conforms	
Mycotoxins					
Aflatoxin B1	QC02AM040	LT 2µg/Kg	< 1 µg/kg	Conforms	Bol
Total-Aflatoxins (B1, B2, G1, G2)		LT 4µg/Kg	< 1 µg/kg	Conforms	
Ochratoxin A		LT 1µg/Kg (QL)	< 1 µg/kg	Conforms	

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Department Representative:	Natalia Kramarev	QA representative	**Signed_Electronically**	30-12-2020 06:50

Batch Number: <u>1412020017</u>	Time Point: <u>Release</u>
QC Number: <u>QC-20-1561</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>28.12.20</u>	Expiry Date: <u>09/2021</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
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	

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Department Representative:	Natalia Kramarev	QA representative	**Signed_Electronically**	30-12-2020 06:50

Batch Number: <u>1412020-11</u>	Time Point: <u>Relax</u>
QC Number: <u>QC-20-1569</u>	Storage Conditions: <u>R7</u>
Manufacturing Date: <u>28.12.20</u>	Expiry Date: <u>09/2021</u>

Test	Analysis Date	Notebook
Appearance, Assay, Identification, LOD	29.12.20 ✓	201/2020 page 27 ✓
Foreign Matter, External Pests	29.12.20	181/2020 p.25
Total Aflatoxins	29.12.2020	198/2020 Page 31
Microbiology	30.12.20	189/2020 Page 36

All tests are approved according to current specifications of catalog 14120

QC Approval: _____ Date: 0701-21

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Department Representative:	Natalia Kramarev	QA representative	**Signed_Electronically**	30-12-2020 06:50

Batch Number: <u>192202077</u>	Time Point: <u>Adelphi</u>
QC Number: <u>QC-20-1569</u>	Storage Conditions: <u>R7</u>
Manufacturing Date: <u>28.12.20</u>	Expiry Date: <u>29/12/21</u>

Units Produced: 4996
 Units Released: 4932
 CQP Approval: [Signature] Date: 18.01.21

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

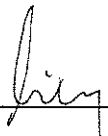

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Batch Number: <u>14I2020011</u>	Time Point: <u>Release-Assay</u>
QC Number: <u>QC-20-1569</u>	Storage Conditions: <u>Room Temperature</u>
Analysis Date: <u>29.12.2020</u>	N.B.: <u>201/2020, Page 21</u>

<u>Test</u>	<u>Method</u>	<u>Acceptance Criteria</u>	<u>Results</u>	<u>Conclusions</u>	<u>Testing Site</u>
Assay					
Total THC		16%-24%	20.7%	Conforms	BOL
Total CBD	QC02AM008	0%-7%	<0.1%	Conforms	
CBN		Up to 1.5%	< 0.1%	Conforms	

Test is approved according to current specifications of catalog 14120

QC Approval:  Date: 30.12.2020
 QC Approval:  Date: 31.12.20

To:
Ricky Shahar
Breath of life cannabis manufacturing of medical products
Email: ricky.shahar@bolpharma.com

03/01/2021
No.000235.21



CERTIFICATE OF ANALYSIS No.000235.21

Aminolab No.: 108981.20-CP **Batch No.:** 14I2020011
Sample name: THC20/CBD4 - CL-20-815
Sample reception: 29/12/2020
Sampled by: The Customer
Sampling type: --
Order No: 20001485

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	111	-
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: Marina Ruchman-Technical Manager



Signature: _____

Aminolab No.: 108981.20-CP

03/01/2021
No.000235.21



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

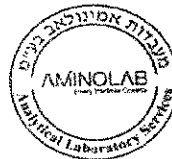
Accreditations / Certifications:

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: Marina Ruchman-Technical 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 ***