

**Certificate of Analysis (CoA)**

Catalog Number: 52C20	Medical Cannabis Oil T1/C20, 10ml THC 1% / CBD 20%
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	Name	Title	Signature	Date
<b>Department Representative:</b>	Guy Givol	Quality Control (Laboratory) representative	**Signed_Electronically**	06-07-2021 08:59
<b>Department Representative:</b>	Yulia Popik	QA representative	**Signed_Electronically**	06-07-2021 09:08

Batch Number: <u>52C2021041</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-859</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <del>26.09.21</del> <sup>initial</sup> <u>23.09.21</u>	Expiry Date: <u>09/23</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Appearance	Visual Inspection	Amber to Brown Oil	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
<b>Assay (as is)*</b>					BOL
THC	HPLC UV QC02AM008	Indicative	0.5%	conforms	[Shaded Area]
THCA		Indicative	<0.1%	conforms	
Total THC		0.0% - 2.5%	0.5%	conforms	
CBD		Indicative	19.3%	conforms	
CBDA		Indicative	<0.1%	conforms	
Total CBD		16% - 24%	19.3%	conforms	
CBN		NMT 1.5%	<0.1%	conforms	
CBG		Indicative	0.4%	conforms	
CBGA		Indicative	<0.1%	conforms	
CBC		Indicative	0.8%	conforms	
Water Content (KF)	QC01GE027	Indicative	0.5%	conforms	BOL
Pesticides Residues	GCMS, LCMS	Not Detected	Not Detected	conforms	Approved
<b>Heavy Metals</b>					Approved
Mercury	ICP - MS	< 0.1 ppm	<0.1 ppm	conforms	[Shaded Area]
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	

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Batch Number: <u>52C2021041</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-859</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>26/09/21</u> <u>23-09-21</u> <u>29-09-21</u>	Expiry Date: <u>24<sup>th</sup> 21-09-21</u> <u>09/23</u>

Zinc	Indicative	< 5 ppm container
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\*Identification and Assay results are taken from 51C20 21028

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<b>Department Representative:</b>	Yulia Popik	QA representative	**Signed_Electronically**	06-07-2021 09:08

Batch Number: <u>52C2021041</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-859</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>20.09.21</u> <u>23.09.21</u> <u>29.09.21</u>	Expiry Date: <u>09/23</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
<b>Total-Aflatoxins</b>					
Total-Aflatoxins (B1, B2, G1, G2)	QC02AM040	NMT 4µg/Kg	<1µg/kg	conforms	BSL
Aflatoxin B1		NMT 2µg/Kg	<1µg/kg	conforms	
Ochratoxin A		LT 1µg/Kg (QL)	<1µg/kg	conforms	
<b>Microbiology</b>					
Total Aerobic Microbial Count	IH method MIC10GE001	NMT 200 CFU/ml	<4 cfu/ml	conforms	BSL
Total Yeasts and Molds Count		NMT 20 CFU/ml	<4 cfu/ml	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		Negative	Negative	conforms	
E.Coli O157		Negative	Negative	conforms	
Shigella		Negative	Negative	conforms	

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<b>Department Representative:</b>	Yulia Popik	QA representative	**Signed_Electronically**	06-07-2021 09:08

Batch Number: <u>52C20Z1041</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-859</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>26.09.21</u> <u>23.09.21</u> <u>29.09.21</u>	Expiry Date: <u>09/23</u>

Test Name	Analysis Date	Notebook, Page
Appearance	29.09.21	169/2021, p.21
Identification, Assay	23.09.21	169/2021, p.01
Water (K.F.)	30.09.21	100/2021 p.72
Total - Aflatoxins	29.09.21	160/2021 p.41
Microbiology	29.09.21	128/2021 p.45

**All tests are approved according to current specifications 52C20-SP1**

QC Approval: [Signature] Date: 04.10.21

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	Name	Title	Signature	Date
<b>Department Representative:</b>	Guy Givol	Quality Control (Laboratory) representative	**Signed_Electronically**	06-07-2021 08:59
<b>Department Representative:</b>	Yulia Popik	QA representative	**Signed_Electronically**	06-07-2021 09:08

Batch Number: <u>52C2021041</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-859</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>23.09.21</u> <del>26.09.21</del> <i>29.09.21</i>	Expiry Date: <u>09/23</u>

Units Produced: 940

Units Released: 908

CQP Approval: MD Date: 04.10.21

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

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Catalog Number: 51C20	Medical Cannabis Oil T1/C20 THC 1% / CBD 20%
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Batch Number: <u>51C2021029</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-848</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>23-09-21</u>	Expiry Date: <u>30-09-21</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Appearance	Visual Inspection	Amber to Brown Oil	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					
Assay THC	HPLC UV	Indicative	0.5%	conforms	BOL
Assay THCA	QC02AM008	Indicative	<del>0.5%</del> 0.5%	conforms	
Total THC		0.0% - 2.5%	0.5%	conforms	
Assay CBD		Indicative	19.3%	conforms	
Assay CBDA		Indicative	20.1%	conforms	
Total CBD		16% - 24%	19.3%	conforms	
Assay CBG		Indicative	0.4%	conforms	
Assay CBGA		Indicative	20.1%	conforms	
Assay CBC		Indicative	0.8%	conforms	
Assay CBN		NMT 1.5%	0.5% 20.1%	conforms	

Test Name	Analysis Date	Notebook, Page
Appearance, Identification, Assay	27.09.21	169/201 p-01

All tests are approved according to current specifications of catalog 51C20

QC Approval: [Signature] Date: 26.09.21

**Approved By:**

	Name	Title	Signature	Date
Department Representative:	Guy Givol	Quality Control (Laboratory) representative	**Signed_Electronically**	03-03-2021 14:20
Department Representative:	Liza Benet	QA representative	**Signed_Electronically**	04-03-2021 11:08

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

03/10/2021  
**No.036670.21**



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

### CERTIFICATE OF ANALYSIS No.036670.21

**Aminolab No.:** 082050.21-CP **Batch No.:** 52C2021041  
**Sample name:** Cannabis Oil (CL-21-419)  
**Sample reception:** 29/09/2021  
**Sampled by:** The Customer  
**Sampling type:** --  
**Order No:** PO21001138

**Analyses Results:**

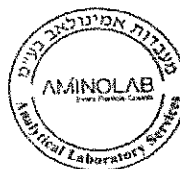
Analysis	Units	Results	Remarks
<b>Chemistry</b>			
Metals scan by ICP-MS - IMCA spec			1
Arsenic - As	ppm	<1	-
Cadmium - Cd	ppm	<0.5	-
Mercury - Hg	ppm	<0.1	-
Nickel - Ni	ppm	<5	-
Lead - Pb	ppm	<1	-
Zinc - Zn	ppm	<5	-
Pesticide Residues by GC-MS/MS	mg/Kg	ND	(-)
Pesticide Residues by LC-MS/MS	mg/Kg	ND	(-)

**Analyses Remarks:**

(-) = No Comments  
 1. ICP scan - results including "<" = Below reporting limits

ND=Not Detected

Approved by: Yoram Cohen, Ph.D.-Lab. Manager



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

**Aminolab No.: 082050.21-CP**

**03/10/2021**  
**No.036670.21**



**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: Yoram Cohen, Ph.D.-Lab. 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 Ltd's name or its reputation in respect to the above - specified results, without Aminolab written consent.