

Certificate of Analysis (CoA)

Catalog Number: 52C15	Medical Cannabis Oil T3/C15, 10ml THC 3% / CBD 15%
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	Name	Title	Signature	Date
Department Representative:	Jesse Hartman	Quality Control (Laboratory) representative	**Signed_Electronically**	30-12-2020 12:51
Department Representative:	Natalia Kramarev	QA representative	**Signed_Electronically**	30-12-2020 13:45

Batch Number: <u>52C1527018</u>	Time Point: <u>Release</u>
QC Number: <u>QC-27-780</u>	Storage Conditions: <u>R7</u>
Manufacturing Date: <u>23.02.27</u>	Expiry Date: <u>02/2023</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Appearance	Visual Inspection	Amber to Brown Oil	O.K.	confirm	BoL
Identification CBD, THC, CBN*	HPLC UV QC02AM008	The retention time of the main peak is identical to the standard	O.K.	confirm	BoL
Assay (as is)*					BoL
THC	HPLC UV QC02AM008	Indicative	3.0 %	confirm	BoL
THCA		Indicative	20.7 %	confirm	
Totl THC		0.5% - 5.5%	3.0 %	confirm	
CBD		Indicative	14.9 %	confirm	
CBDA		Indicative	0.2 %	confirm	
Total CBD		11% - 19%	15.0 %	confirm	
CBN		NMT 1.5%	20.7 %	confirm	
CBG		Indicative	0.5 %	confirm	
CBGA		Indicative	20.7 %	confirm	
CBC		Indicative	0.7 %	confirm	
Water Content (KF)	QC01GE027	Indicative	LT 0.1%	confirm	BoL
Pesticides Residues	GCMS, LCMS	Not Detected	Not Detected	confirm	AminoLab AminoLab
Heavy Metals					
Mercury	ICP - MS	< 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	

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Batch Number: <u>52C1527018</u>	Time Point: <u>Release</u>
QC Number: <u>QC-27-180</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>23.07.20</u>	Expiry Date: <u>02 / 2023</u>

Zinc	Indicative	<5 ppm	Conforms
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*Identification and Assay results are taken from S1C15 27013

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Batch Number: <u>52C1521078</u>	Time Point: <u>Release</u>
QC Number: <u>QC-21-780</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>23-02-21</u>	Expiry Date: <u>02 / 2023</u>

Test	Method	Acceptance Criteria	Results	Conclusions	Testing Site
Total-Aflatoxins					
Total-Aflatoxins (B1, B2, G1, G2)	QC02AM040	NMT 4µg/Kg	< 4µg/Kg	conforms	BOL
Aflatoxin B1		NMT 2µg/Kg	< 2µg/Kg	conforms	
Ochratoxin A		LT 1µg/Kg (QL)	< 1µg/Kg	conforms	
Microbiology					
Total Aerobic Microbial Count	IH method MIC10GE001	NMT 200 CFU/ml	< 4 CFU/ml	Conforms	BOL
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 0157		Negative	Negative	Conforms	
Shigella	Negative	Negative	Conforms		

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Batch Number: <u>52C1527078</u>	Time Point: <u>Release</u>
QC Number: <u>QC-27-780</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>23.02.22</u>	Expiry Date: <u>02/2023</u>

Test Name	Analysis Date	Notebook, Page
Appearance	01.03.21	054/2021 page 57
Identification, Assay	24.02.21	054/2021 page 27
Water (K.F.)	03.03.21	028/2021 p.54
Total - Aflatoxins	02.03.21	046/2021 p.41
Microbiology	01.03.21	047/2021 p.13

All tests are approved according to current specifications 52C15-SP1

QC Approval:  Date: 09.03.21

Printed Date: 01-03-2021. Printed By: Doron Goren. --CONFIDENTIAL--

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Batch Number: <u>52C1527098</u>	Time Point: <u>Release</u>
QC Number: <u>QC-27-780</u>	Storage Conditions: <u>RT</u>
Manufacturing Date: <u>23.02.21</u>	Expiry Date: <u>02/2023</u>

Units Produced: 1004

Units Released: 970

CQP Approval: MD Date: 30.03.21

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

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

08/03/2021
No.009021.21



CERTIFICATE OF ANALYSIS No.009021.21

Aminolab No.: 017813.21-CP **Batch No.:** 52C1521018
Sample name: Celixir 15 - CL-21-073
Sample reception: 01/03/2021
Sampled by: The Customer
Sampling type: --
Order No: PO21000228

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	<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: Marina Ruchman-Technical Manager



Signature: _____

Aminolab No.: 017813.21-CP

08/03/2021
No.009021.21



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 Ltd's name or its reputation in respect to the above - specified results, without Aminolab written consent.

* End of Certificate of analysis *