

**Certificate of Analysis (CoA)**

|                                     |                               |
|-------------------------------------|-------------------------------|
| Batch Number: <u>14EMAS202101</u>   | Time Point: <u>Release</u>    |
| QC Number: <u>QC-21-1082</u>        | Storage Conditions: <u>RT</u> |
| Manufacturing Date: <u>08.12.21</u> | Expiry Date: <u>12/2022</u>   |

|   |                                 |
|---|---------------------------------|
| Medical Cannabis Flowers, 10g, THC 20% / CBD 4% |                                 |
| Catalog Number: 14 <u>EMAS20</u>                | Description: <u>Sativa, Air</u> |

| Test                              | Method                         | Acceptance Criteria   | Results      | Conclusions | Testing Site |          |     |
|-----------------------------------|--------------------------------|---|--------------|-------------|--------------|----------|-----|
| Appearance                        | Visual Inspection<br>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  | o.k.         | conforms    | BOL          |          |     |
| External Pests                    | QC02AM010                      | The sample is free from molds, insects and another animal contamination         | o.k.         | conforms    |              |          |     |
| Identification<br>CBD, THC, CBN   | HPLC UV<br>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<br>QC02AM008           | Indicative  | 23.9% ✓      | conforms    | BOL          |          |     |
| THC                               |                                | Indicative  | 0.4% ✓       | conforms    |              |          |     |
| Total THC                         |                                | 16% - 24%   | 21.3% ✓      | conforms    |              |          |     |
| CBDA                              |                                | Indicative  | 0.2% ✓       | conforms    |              |          |     |
| CBD                               |                                | Indicative  | 0.1% ✓       | conforms    |              |          |     |
| Total CBD                         |                                | 0% - 7%   | 0.2% ✓       | conforms    |              |          |     |
| CBG                               |                                | Indicative  | 0.1% ✓       | conforms    |              |          |     |
| CBGA                              |                                | Indicative  | 0.5% ✓       | conforms    |              |          |     |
| CBC                               |                                | Indicative  | 0.5% ✓       | conforms    |              |          |     |
| CBN                               |                                | Up to 1.5%  | 0.1% ✓       | 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<br>LC-MS                 | Not detected  | not detected | conforms    | Aminolab     |          |     |

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**Certificate of Analysis (CoA)**

14CMAS202101

|                                     |                               |
|-------------------------------------|-------------------------------|
| Batch Number: <u>14CMAS202101</u>   | Time Point: <u>release</u>    |
| QC Number: <u>QC-21-1082</u>        | Storage Conditions: <u>RT</u> |
| Manufacturing Date: <u>08.12.21</u> | Expiry Date: <u>12/2022</u>   |

| Test                                     | Method     | Acceptance Criteria | Results     | Conclusions | Testing Site |
|--|------------|---------------------|-------------|-------------|--------------|
| <b>Heavy Metals</b>                      |            |                     |             |             |              |
| Mercury                                  | ICP-MS     | < 0.1 ppm           | < 0.1 ppm   | Conforms    | Amitalab     |
| 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          | 73 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 | 09.12.21      | 210/2021, p. 11 |
| Foreign Matter, External Pests         | 09.12.21      | 202/2021 p. 28  |
| Mycotoxins                             | 17.12.21      | 204/2021 p. 41  |
| Microbiology                           | 09.12.21      | 209/2021 p. 16  |

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

QC Approval: [Signature] Date: 16.12.21

Printed Date: 09-12-2021. Printed By: Jesse Hartman. --CONFIDENTIAL--

**Certificate of Analysis (CoA)**

|                                     |                               |
|-------------------------------------|-------------------------------|
| Batch Number: <u>14EMAS202101</u>   | Time Point: <u>Relax</u>      |
| QC Number: <u>QC-21-1082</u>        | Storage Conditions: <u>RT</u> |
| Manufacturing Date: <u>08.12.21</u> | Expiry Date: <u>12/2022</u>   |

Units Produced: 1879

Units Released: 1821

CQP Approval: [Signature] Date: 10.12.21

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** | 08-12-2021 12:13 |
| <b>Department Representative:</b> | Yulia Popik | QA representative                           | **Signed_Electronically** | 08-12-2021 13:31 |

To:

**Mina Blum**

**Breath of life cannabis manufacturing of medical products**

Email: Mina.Blum@bolpharma.com

14/12/2021

**No.047839.21**



**CERTIFICATE OF ANALYSIS No.047839.21**

**Aminolab No.:** 106525.21-CP

**Batch No.:**

14EMAS202101

**Sample name:** Cannabis Inflorescence (CL-21-573)

**Sample reception:** 09/12/2021

**Sampled by:** The Customer

**Sampling type:** --

**Order No:** PO21001508

**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   | 73      | -       |
| Pesticide Residues by GC-MS/MS    | mg/Kg | ND      | 2       |
| Pesticide Residues by LC-MS/MS    | mg/Kg | ND      | 2       |

**Analyses Remarks:**

(-) = No Comments

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

2. List of pesticides analyzed, including the reporting levels, was sent to the customer.

ND=Not Detected

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



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



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

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.