

Prepared for:

**Daily Balance Extra Strength Caps -21102101 Elixinol LLC**

|  |                         |                              |   |
|--|-------------------------|------------------------------|---|
| Batch ID or Lot Number:<br><b>21102101</b> | Test:<br><b>Potency</b> | Reported:<br><b>11/12/21</b> | Location:<br>10170 Church Ranch Way, Ste 400<br>Westminster, CO 80021 |
|--|-------------------------|------------------------------|---|

|                     |                        |                      |                      |
|---------------------|------------------------|----------------------|----------------------|
| Matrix:<br>Solution | Test ID:<br>T000175262 | Started:<br>11/10/21 | USDA License:<br>N/A |
|---------------------|------------------------|----------------------|----------------------|

|                |  |                                    |                    |
|----------------|--|------------------------------------|--------------------|
| Status:<br>N/A | Method:<br>TM14 (HPLC-DAD): Potency -<br>Standard Cannabinoid Analysis<br>(Colorado Panel) | Received:<br>11/08/2021 @ 02:18 PM | Sampler ID:<br>N/A |
|----------------|--|------------------------------------|--------------------|

**CANNABINOID PROFILE**

| Compound                                     | LOD (mg/mL) | LOQ (mg/mL) | Result (mg/mL) | Result (mg/g) | Notes               |
|--|-------------|-------------|----------------|---------------|---------------------|
| Delta 9-Tetrahydrocannabinolic acid (THCA-A) | 0.131       | 0.447       | ND             | ND            | Density = 0.957g/mL |
| Delta 9-Tetrahydrocannabinol (Delta 9THC)    | 0.148       | 0.504       | 1.929          | 2.02          |                     |
| Cannabidiolic acid (CBDA)                    | 0.169       | 0.535       | 0.811          | 0.85          |                     |
| Cannabidiol (CBD)                            | 0.165       | 0.521       | 82.815         | 86.54         |                     |
| Delta 8-Tetrahydrocannabinol (Delta 8THC)    | 0.162       | 0.555       | ND             | ND            |                     |
| Cannabinolic Acid (CBNA)                     | 0.093       | 0.318       | ND             | ND            |                     |
| Cannabinol (CBN)                             | 0.043       | 0.145       | 0.112*         | 0.12*         |                     |
| Cannabigerolic acid (CBGA)                   | 0.136       | 0.466       | ND             | ND            |                     |
| Cannabigerol (CBG)                           | 0.033       | 0.111       | 1.103          | 1.15          |                     |
| Tetrahydrocannabivarinic Acid (THCVA)        | 0.115       | 0.394       | ND             | ND            |                     |
| Tetrahydrocannabivarin (THCV)                | 0.030       | 0.101       | ND             | ND            |                     |
| Cannabidivarinic Acid (CBDVA)                | 0.071       | 0.223       | ND             | ND            |                     |
| Cannabidivarin (CBDV)                        | 0.039       | 0.123       | 0.364          | 0.38          |                     |
| Cannabichromenic Acid (CBCA)                 | 0.053       | 0.180       | ND             | ND            |                     |
| Cannabichromene (CBC)                        | 0.057       | 0.196       | 1.742          | 1.82          |                     |
| <b>Total Cannabinoids</b>                    |             |             | <b>88.876</b>  | <b>92.87</b>  |                     |
| Total Potential THC**                        |             |             | 1.929          | 2.02          |                     |
| Total Potential CBD**                        |             |             | 83.526         | 87.28         |                     |

*K Winterheimer*  
 Karen Winterheimer  
 12-Nov-2021  
 04:47 PM

*Daniel Weidensaul*  
 Daniel Weidensaul  
 12-Nov-21  
 4:54 PM

PREPARED BY / DATE

APPROVED BY / DATE

**Definitions**

% = % (w/w) = Percent (Weight of Analyte / Weight of Product)

\* Indicates a value below the Limit of Quantitation (LOQ) and above the Limit of Detection (LOD).

\*\* Total Potential THC/CBD is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step.

$$\text{Total THC} = \text{THC} + (\text{THCa} * (0.877)) \text{ and}$$

$$\text{Total CBD} = \text{CBD} + (\text{CBDa} * (0.877))$$

Total Cannabinoids result reflects the absolute sum of all cannabinoids detected.

ND = None Detected (Defined by Dynamic Range of the method)

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Certificate #4329.02


Prepared for:

**Daily Balance Extra Strength Caps -21102101**
**Elixinol LLC**

|  |                                   |                                    |   |
|--|-----------------------------------|------------------------------------|---|
| Batch ID or Lot Number:<br><b>21102101</b> | Test:<br><b>Pesticides</b>        | Reported:<br><b>11/11/21</b>       | Location:<br>10170 Church Ranch Way, Ste 400<br>Westminster, CO 80021 |
| Matrix:<br>Concentrate                     | Test ID:<br>T000175263            | Started:<br>11/10/21               | USDA License:<br>N/A  |
| Status:<br>N/A                             | Method:<br>TM17(LC-QQQ LC MS/MS): | Received:<br>11/08/2021 @ 02:18 PM | Sampler ID:<br>N/A  |

**PESTICIDE DETERMINATION**

| Compound            | LOQ (ppb) | Result (ppb) | Compound        | LOQ (ppb) | Result (ppb) | Compound        | LOQ (ppb) | Result (ppb) |
|---------------------|-----------|--------------|-----------------|-----------|--------------|-----------------|-----------|--------------|
| Acephate            | 53        | ND           | Fenoxycarb      | 62        | ND           | Paclobutrazol   | 58        | ND           |
| Acetamiprid         | 54        | ND           | Fipronil        | 86        | ND           | Permethrin      | 380       | ND           |
| Avermectin          | 473       | ND           | Flonicamid      | 67        | ND           | Phosmet         | 58        | ND           |
| Azoxystrobin        | 59        | ND           | Fludioxonil     | 412       | ND           | Prophos         | 358       | ND           |
| Bifenazate          | 54        | ND           | Hexythiazox     | 50        | ND           | Propoxur        | 54        | ND           |
| Boscalid            | 70        | ND           | Imazalil        | 357       | ND           | Pyridaben       | 364       | ND           |
| Carbaryl            | 51        | ND           | Imidacloprid    | 58        | ND           | Spinosad A      | 45        | ND           |
| Carbofuran          | 53        | ND           | Kresoxim-methyl | 150       | ND           | Spinosad D      | 65        | ND           |
| Chlorantraniliprole | 70        | ND           | Malathion       | 363       | ND           | Spiromesifen    | 337       | ND           |
| Chlorpyrifos        | 500       | ND           | Metalaxyl       | 56        | ND           | Spirotetramat   | 388       | ND           |
| Clofentezine        | 355       | ND           | Methiocarb      | 55        | ND           | Spiroxamine 1   | 24        | ND           |
| Diazinon            | 359       | ND           | Methomyl        | 52        | ND           | Spiroxamine 2   | 32        | ND           |
| Dichlorvos          | 371       | ND           | MGK 264 1       | 200       | ND           | Tebuconazole    | 357       | ND           |
| Dimethoate          | 56        | ND           | MGK 264 2       | 148       | ND           | Thiacloprid     | 54        | ND           |
| E-Fenpyroximate     | 369       | ND           | Myclobutanil    | 54        | ND           | Thiamethoxam    | 57        | ND           |
| Etofenprox          | 55        | ND           | Naled           | 58        | ND           | Trifloxystrobin | 54        | ND           |
| Etoxazole           | 379       | ND           | Oxamyl          | 1500      | ND           |                 |           |              |

  
 Daniel Weidensaul  
 11/11/2021  
 12:07:00 PM

  
 Sam Smith  
 11/11/2021  
 12:15:00 PM

PREPARED BY / DATE

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**Definitions**

LOQ = Limit of Quantification  
 ppb = Parts per Billion

Testing results are based solely upon the sample submitted to Botanacor Laboratories, LLC, in the condition it was received. Botanacor Laboratories, LLC warrants that all analytical work is conducted professionally in accordance with all applicable standard laboratory practices using validated methods. Data was generated using an unbroken chain of comparison to NIST traceable Reference Standards and Certified Reference Materials. This report may not be reproduced, except in full, without the written approval of Botanacor Laboratories, LLC.



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**Elixinol LLC**

|  |  |                                    |   |
|--|--|------------------------------------|---|
| Batch ID or Lot Number:<br><b>21102101</b> | Test:<br><b>Metals</b>                                     | Reported:<br><b>11/15/21</b>       | Location:<br>10170 Church Ranch Way, Ste 400<br>Westminster, CO 80021 |
| Matrix:<br>Unit Co                         | Test ID:<br>T000175265                                     | Started:<br>11/14/21               | USDA License:<br>N/A  |
| Status:<br>N/A                             | Method:<br>TM19 (ICP-MS): Heavy Metals<br>(Colorado Panel) | Received:<br>11/08/2021 @ 02:18 PM | Sampler ID:<br>N/A  |

## HEAVY METALS DETERMINATION

| Compound | Dynamic Range (ppm) | Result (ppm) | Notes |
|----------|---------------------|--------------|-------|
| Arsenic  | 0.043 - 4.28        | ND           |       |
| Cadmium  | 0.045 - 4.47        | ND           |       |
| Mercury  | 0.044 - 4.38        | ND           |       |
| Lead     | 0.044 - 4.39        | ND           |       |

  
 Daniel Weidensaul  
 15-Nov-21  
 5:47 PM

  
 Courtney Richards  
 15-Nov-21  
 6:44 PM

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APPROVED BY / DATE

### Definitions

ND = None Detected (Defined by Dynamic Range of the method)

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**Elixinol LLC**


|  |                                   |                              |   |
|--|-----------------------------------|------------------------------|---|
| Batch ID or Lot Number:<br><b>21102101</b> | Test:<br><b>Residual Solvents</b> | Reported:<br><b>11/12/21</b> | Location:<br>10170 Church Ranch Way, Ste 400<br>Westminster, CO 80021 |
|--|-----------------------------------|------------------------------|---|


|                |                        |                      |                      |
|----------------|------------------------|----------------------|----------------------|
| Matrix:<br>N/A | Test ID:<br>t000175266 | Started:<br>11/12/21 | USDA License:<br>N/A |
|----------------|------------------------|----------------------|----------------------|

|                |   |                                    |                    |
|----------------|---|------------------------------------|--------------------|
| Status:<br>N/A | Methods:<br>TM04 (GC-MS): Residual Solvents<br>(Colorado Panel) | Received:<br>11/08/2021 @ 02:18 PM | Sampler ID:<br>N/A |
|----------------|---|------------------------------------|--------------------|

## RESIDUAL SOLVENTS DETERMINATION

| Solvent                                 | Dynamic Range (ppm) | Result (ppm) | Notes |
|---|---------------------|--------------|-------|
| <b>Propane</b>                          | 91 - 1817           | *ND          |       |
| <b>Butanes</b><br>(Isobutane, n-Butane) | 186 - 3729          | *ND          |       |
| <b>Methanol</b>                         | 66 - 1310           | *ND          |       |
| <b>Pentane</b>                          | 94 - 1871           | *ND          |       |
| <b>Ethanol</b>                          | 89 - 1778           | *ND          |       |
| <b>Acetone</b>                          | 105 - 2093          | *ND          |       |
| <b>Isopropyl Alcohol</b>                | 109 - 2180          | *ND          |       |
| <b>Hexane</b>                           | 6 - 127             | *ND          |       |
| <b>Ethyl Acetate</b>                    | 106 - 2115          | *ND          |       |
| <b>Benzene</b>                          | 0.2 - 4.3           | *ND          |       |
| <b>Heptanes</b>                         | 100 - 1998          | *ND          |       |
| <b>Toluene</b>                          | 19 - 385            | *ND          |       |
| <b>Xylenes</b><br>(m,p,o-Xylenes)       | 134 - 2682          | *ND          |       |


 Sam Smith  
 12-Nov-21  
 2:22 PM


 Ryan Weems  
 12-Nov-21  
 2:24 PM

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### Definitions

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**Elixinol LLC**

|  |  |                              |   |
|--|--|------------------------------|---|
| Batch ID or Lot Number:<br><b>21102101</b> | Test:<br><b>Microbial Contaminants</b> | Reported:<br><b>11/12/21</b> | Location:<br>10170 Church Ranch Way, Ste 400<br>Westminster, CO 80021 |
|--|--|------------------------------|---|

|                             |                        |                     |                      |
|-----------------------------|------------------------|---------------------|----------------------|
| Matrix:<br>Finished Product | Test ID:<br>T000175264 | Started:<br>11/9/21 | USDA License:<br>N/A |
|-----------------------------|------------------------|---------------------|----------------------|

|                |   |                                    |                    |
|----------------|---|------------------------------------|--------------------|
| Status:<br>N/A | Methods:<br>TM25 (qPCR)<br>TM24, TM26, TM27(Culture Plating):<br>Microbial (Colorado Panel) | Received:<br>11/08/2021 @ 02:18 PM | Sampler ID:<br>N/A |
|----------------|---|------------------------------------|--------------------|

### MICROBIAL CONTAMINANTS DETERMINATION

| Contaminant                  | Method                 | LOD                   | LLOQ                  | ULOQ                      | Result        | Notes   |
|------------------------------|------------------------|-----------------------|-----------------------|---------------------------|---------------|---|
| <b>Total Aerobic Count*</b>  | TM-26, Culture Plating | 10 <sup>2</sup> CFU/g | 10 <sup>3</sup> CFU/g | 1.5x10 <sup>5</sup> CFU/g | None Detected | Free from visual mold, mildew, and foreign matter |
| <b>Total Coliforms*</b>      | TM-27, Culture Plating | 10 <sup>1</sup> CFU/g | 10 <sup>2</sup> CFU/g | 1.5x10 <sup>4</sup> CFU/g | None Detected |   |
| <b>Total Yeast and Mold*</b> | TM-24, Culture Plating | 10 <sup>1</sup> CFU/g | 10 <sup>2</sup> CFU/g | 1.5x10 <sup>4</sup> CFU/g | None Detected |   |
| <b>E. coli (STEC)</b>        | TM-25, PCR             | 1 CFU/25 g            | NA                    | NA                        | Absent        |   |
| <b>Salmonella</b>            | TM-25, PCR             | 1 CFU/25 g            | NA                    | NA                        | Absent        |   |



 Carly Bader  
 11/12/2021  
 2:55:00 PM



 Brett Hudson  
 11/12/2021  
 3:44:00 PM

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#### Definitions

LOD = Limit of Detection | LLOQ = Lower Limit of Quantitation | ULOQ = Upper Limit of Quantitation

 CFU/g = Colony Forming Units per Gram | STEC = Shiga Toxin-Producing *E. coli*

\* Values recorded in scientific notation, a common microbial practice of expressing numbers that are too large to be conveniently written in decimal form.

 Examples: 10<sup>2</sup> = 100 CFU  
 10<sup>3</sup> = 1,000 CFU  
 10<sup>4</sup> = 10,000 CFU  
 10<sup>5</sup> = 100,000 CFU

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**Daily Balance Extra Strength Caps -21102101**
**Elixinol LLC**


|  |   |                                    |   |
|--|---|------------------------------------|---|
| Batch ID or Lot Number:<br><b>21102101</b> | Test:<br><b>Mycotoxins</b>  | Reported:<br><b>11/12/21</b>       | Location:<br>10170 Church Ranch Way, Ste 400<br>Westminster, CO 80021 |
| Matrix:<br>Concentrate                     | Test ID:<br>T000175267  | Started:<br>11/11/21               | USDA License:<br>N/A  |
| Status:<br>N/A                             | Method:<br>TM18 (UHPLC-QQQ LCMS/MS):<br>Mycotoxins (Colorado Panel) | Received:<br>11/08/2021 @ 02:18 PM | Sampler ID:<br>N/A  |

**MYCOTOXIN DETERMINATION**

| Compound                                     | Dynamic Range (ppb) | Result (ppb) | Notes |
|--|---------------------|--------------|-------|
| Ochratoxin A                                 | 2.8 - 132.1         | ND           | N/A   |
| Aflatoxin B1                                 | 1.1 - 33.6          | ND           |       |
| Aflatoxin B2                                 | 1 - 33.9            | ND           |       |
| Aflatoxin G1                                 | 1.1 - 33.8          | ND           |       |
| Aflatoxin G2                                 | 1 - 32.9            | ND           |       |
| <b>Total Aflatoxins (B1, B2, G1, and G2)</b> |                     | ND           |       |


 Ryan Weems  
 12-Nov-21  
 1:31 PM

PREPARED BY / DATE


 Sam Smith  
 12-Nov-21  
 1:40 PM

APPROVED BY / DATE

**Definitions**

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## Certificate of Analysis

### Elixinol, LLC

10170 Church Ranch  
Westminster Colorado 80021 United States

|                            |   |                          |                                  |
|----------------------------|---|--------------------------|----------------------------------|
| <b>Sample Name:</b>        | <b>Daily Balance Extra Strength Caps - 21102101</b> | <b>Eurofins Sample:</b>  | <b>11115039</b>                  |
| <b>Project ID</b>          | ELIXINOL-20211103-0037                              | <b>Receipt Date</b>      | 04-Nov-2021                      |
| <b>PO Number</b>           | CVD   | <b>Receipt Condition</b> | Ambient temperature              |
| <b>Lot Number</b>          | 21102101  | <b>Login Date</b>        | 03-Nov-2021                      |
| <b>Sample Serving Size</b> | 1 Cap   | <b>Date Started</b>      | 07-Nov-2021                      |
|                            |   | <b>Sampled</b>           | Sample results apply as received |
|                            |   | <b>Number Composited</b> | 20                               |
|                            |   | <b>Online Order</b>      | 13484-1645509A                   |

#### Analysis

#### Result

##### Calculated Sample Weight \*

|                    |          |
|--------------------|----------|
| Entity Weight      | 0.7813 g |
| Entity Fill Weight | 0.6468 g |
| Entity Weight      | 0.7810 g |
| Entity Fill Weight | 0.6458 g |

##### Enterobacteriaceae Plate Count \*

|                    |           |
|--------------------|-----------|
| Enterobacteriaceae | <10 CFU/g |
|--------------------|-----------|

##### Glyphosate and AMPA

|            |           |
|------------|-----------|
| Glyphosate | <100 ng/g |
| AMPA       | <100 ng/g |

#### Method References

#### Testing Location

##### Calculated Sample Weight (PREP)

**Food Integrity Innovation-Madison**  
6304 Ronald Reagan Ave Madison, WI 53704 USA

##### Enterobacteriaceae Plate Count (EBPC)

**EML New Berlin**  
2345 S 170th St New Berlin, WI 53151 USA

Compendium of Methods for the Microbiological Examination of Foods: Enterobacteriaceae, Coliforms, and Escherichia coli as Quality and Safety Indicators, Chapter 8, 4th Edition, 2001.

##### Glyphosate and AMPA (GLY\_AMPA\_S)

**Food Integrity Innovation-Madison**  
6304 Ronald Reagan Ave Madison, WI 53704 USA

Monsanto Company Method ME-1466-02, "High Throughput Assay for Glyphosate and AMPA in Raw Agricultural Commodities and Processed Fractions Using LC/MS/MS".

\* This analysis or component is not ISO accredited.

Printed: 23-Nov-2021 6:21 pm

Page 1 of 2

## Certificate of Analysis

Elixinol, LLC

10170 Church Ranch  
Westminster Colorado 80021 United States

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**Testing Location(s)**

**Released on Behalf of Eurofins by**

**Food Integrity Innovation-Madison**

Eurofins Food Chemistry Testing Madison, Inc.  
6304 Ronald Reagan Ave  
Madison WI 53704  
800-675-8375

**Edward Ladwig - President Eurofins Food  
Chemistry Testing Madison**



2918.01

**These results apply only to the items tested. This certificate of analysis shall not be reproduced, except in its entirety, without the written approval of Eurofins. Measurement uncertainty for individual analyses can be obtained upon request.**