

CERTIFICATE OF ANALYSIS

Prepared for:
Elixinol LLC

10170 Church Ranch Way, Ste 400
Westminster, CO USA 80021

Extra Strength Gummy - EVG.ELIX.G1.22223

| | | | |
|---|---|-------------------------------|----------------------|
| Batch ID or Lot Number: EVG.ELIX.G1.22223 | Test: Potency | Reported: 30Aug2022 | USDA License: N/A |
| Matrix: Unit | Test ID: T000219403 | Started: 29Aug2022 | Sampler ID: N/A |
| | Method(s): TM14 (HPLC-DAD): Potency – Standard Cannabinoid Analysis | Received: 25Aug2022 | Status: Active |

Cannabinoids

| | LOD (mg) | LOQ (mg) | Result (mg) | Result (mg/g) | Notes |
|--|----------|----------|---------------|---------------|--|
| Cannabichromene (CBC) | 0.204 | 0.614 | 0.967 | 0.34 | # of Servings = 1 Sample Weight=2.877g |
| Cannabichromenic Acid (CBCA) | 0.186 | 0.562 | ND | ND | |
| Cannabidiol (CBD) | 0.417 | 1.549 | 29.128 | 10.12 | |
| Cannabidiolic Acid (CBDA) | 0.428 | 1.589 | ND | ND | |
| Cannabidivarin (CBDV) | 0.099 | 0.366 | <LOQ | 0.04 | |
| Cannabidivarinic Acid (CBDVA) | 0.178 | 0.663 | ND | ND | |
| Cannabigerol (CBG) | 0.116 | 0.349 | 0.797 | 0.28 | |
| Cannabigerolic Acid (CBGA) | 0.483 | 1.458 | ND | ND | |
| Cannabinol (CBN) | 0.151 | 0.455 | ND | ND | |
| Cannabinolic Acid (CBNA) | 0.330 | 0.995 | ND | ND | |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC) | 0.576 | 1.737 | ND | ND | |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC) | 0.523 | 1.578 | 0.892 | 0.31 | |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.463 | 1.398 | ND | ND | |
| Tetrahydrocannabivarin (THCV) | 0.105 | 0.317 | ND | ND | |
| Tetrahydrocannabivarinic Acid (THCVA) | 0.409 | 1.233 | ND | ND | |
| Total Cannabinoids | | | 31.892 | 11.08 | |
| Total Potential THC | | | 0.892 | 0.31 | |
| Total Potential CBD | | | 29.128 | 10.12 | |

Final Approval



Karen Winternheimer
30Aug2022
11:01:00 AM MDT

PREPARED BY / DATE



Jacob Miller
30Aug2022
11:05:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/0298b379-733c-43e3-b758-1e442811652>

Definitions

% = % (w/w) = Percent (weight of analyte / weight of product). ND = None Detected (defined by dynamic range of the method).
Total Potential Delta 9-THC or CBD is calculated to take into account the loss of a carboxyl group during decarboxylation step, using the following formulas: Total Potential Delta 9-THC = Delta 9-THC + (Delta 9-THCa *(0.877)) and Total CBD = CBD + (CBDA *(0.877)).

Testing results are based solely upon the sample submitted to SC Laboratories, Inc., in the condition it was received. SC Laboratories, Inc., 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 SC Laboratories, Inc. ISO/IEC 17025:2017 Accredited by A2LA.



Cert #4329.02

CDPHE Certified
0298b379733c43e3b7581e442811652.1

CERTIFICATE OF ANALYSIS

Prepared for:
Elixinol LLC

10170 Church Ranch Way, Ste 400
Westminster, CO USA 80021

Extra Strength Gummy - EVG.ELIX.G1.22223

| | | | |
|---|---|-------------------------------|----------------------|
| Batch ID or Lot Number: EVG.ELIX.G1.22223 | Test: Residual Solvents | Reported: 29Aug2022 | USDA License: N/A |
| Matrix: Concentrate | Test ID: T000219407 | Started: 29Aug2022 | Sampler ID: N/A |
| | Method(s): TM04 (GC-MS): Residual Solvents | Received: 25Aug2022 | Status: Active |

| Residual Solvents | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane | 73 - 1457 | ND | |
| Butanes (Isobutane, n-Butane) | 155 - 3092 | ND | |
| Methanol | 49 - 978 | ND | |
| Pentane | 81 - 1615 | ND | |
| Ethanol | 76 - 1527 | 751 | |
| Acetone | 80 - 1599 | ND | |
| Isopropyl Alcohol | 82 - 1636 | ND | |
| Hexane | 5 - 99 | ND | |
| Ethyl Acetate | 82 - 1630 | ND | |
| Benzene | 0.2 - 3.2 | ND | |
| Heptanes | 82 - 1645 | ND | |
| Toluene | 14 - 289 | ND | |
| Xylenes (m,p,o-Xylenes) | 107 - 2137 | ND | |

Final Approval



Daniel Weidensaul
30Aug2022
06:19:00 PM MDT

PREPARED BY / DATE



Jacob Miller
30Aug2022
06:20:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b98c81df-91be-4281-a85b-3d4ba9e132e8>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Cert #4329.02

CDPHE Certified

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CERTIFICATE OF ANALYSIS

Prepared for:
Elixinol LLC


10170 Church Ranch Way, Ste 400
Westminster, CO USA 80021

Extra Strength Gummy - EVG.ELIX.G1.22223

| | | | |
|---|---|-------------------------------|---------------------|
| Batch ID or Lot Number: EVG.ELIX.G1.22223 | Test: Heavy Metals | Reported: 29Aug2022 | USDA License: NA |
| Matrix: Unit Co | Test ID: T000219406 | Started: 29Aug2022 | Sampler ID: NA |
| | Method(s): TM19 (ICP-MS): Heavy Metals | Received: 25Aug2022 | Status: NA |

| Heavy Metals | Dynamic Range (ppm) | Result (ppm) | Notes |
|--------------|---------------------|--------------|-------|
| Arsenic | 0.05 - 4.72 | ND | |
| Cadmium | 0.05 - 4.81 | ND | |
| Mercury | 0.04 - 4.45 | ND | |
| Lead | 0.05 - 5.01 | ND | |

Final Approval



Sam Smith
29Aug2022
05:15:00 PM MDT

PREPARED BY / DATE



Daniel Weidensaul
30Aug2022
06:03:00 PM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/c0ce95a3-bb15-41ff-bd8c-f3c2731736ed>

Definitions

ND = None Detected (defined by dynamic range of the method)
Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range

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Cert #4329.02

CDPHE Certified

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Prepared for:

Extra Strength Gummy - EVG.ELIX.G1.22223

Elixinol LLC


| | | | |
|---|--|-----------------------------|---|
| Batch ID or Lot Number: EVG.ELIX.G1.22223 | Test: Microbial Contaminants | Reported: 8/29/22 | Location: 10170 Church Ranch Way, Ste 400 Westminster, CO 80021 |
|---|--|-----------------------------|---|


| | | | |
|-----------------------------|------------------------|---------------------|----------------------|
| Matrix: Finished Product | Test ID: T000219405 | Started: 8/25/22 | USDA License: N/A |
|-----------------------------|------------------------|---------------------|----------------------|

| | | | |
|-------------------|--|------------------------------------|--------------------|
| Status: Active | Methods: TM25 (qPCR) TM24, TM26, TM27(Culture Plating): Microbial | Received: 08/25/2022 @ 08:50 AM | Sampler ID: N/A |
|-------------------|--|------------------------------------|--------------------|

MICROBIAL CONTAMINANTS DETERMINATION

| Contaminant | Method | LOD | QUANTITATION RANGE | Result | Notes |
|------------------------------|------------------------|--------------------------|---|---------------|---|
| Total Aerobic Count* | TM-26, Culture Plating | 10 ² CFU/g | 2.0x10 ³ - 3.0x10 ⁵ CFU/g | None Detected | Free from visual mold, mildew, and foreign matter |
| Total Coliforms* | TM-27, Culture Plating | 10 ¹ CFU/g | 1.0x10 ² - 1.5x10 ⁴ CFU/g | None Detected | |
| Total Yeast and Mold* | TM-24, Culture Plating | 10 ¹ CFU/g | 2.0x10 ² - 3.0x10 ⁴ CFU/g | None Detected | |
| STEC | TM-25, PCR | 10 ⁰ CFU/25 g | N/A | Absent | |
| Salmonella | TM-25, PCR | 10 ⁰ CFU/25 g | N/A | Absent | |

 Jacob Folkerts
8/29/2022
10:39:00 AM

 Sarah Henning
8/29/2022
3:03:00 PM

PREPARED BY / DATE

APPROVED BY / DATE

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:
10² = 100 CFU
10³ = 1,000 CFU
10⁴ = 10,000 CFU
10⁵ = 100,000 CFU

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CDPHE Certified



Certificate #4329.02

Prepared for:
Elixinol LLC

10170 Church Ranch Way, Ste 400
Westminster, CO USA 80021


Extra Strength Gummy - EVG.ELIX.G1.22223

| | | | |
|---|-------------------------------------|-------------------------------|---------------------|
| Batch ID or Lot Number: EVG.ELIX.G1.22223 | Test: Pesticides | Reported: 29Aug2022 | USDA License: NA |
| Matrix: Concentrate | Test ID: T000219404 | Started: 25Aug2022 | Sampler ID: NA |
| | Method(s): TM17 (LC-QQ LC MS/MS) | Received: 25Aug2022 | Status: NA |

Pesticides

| | Dynamic Range (ppb) | Result (ppb) | | Dynamic Range (ppb) | Result (ppb) |
|---------------------|---------------------|--------------|-----------------|---------------------|--------------|
| Abamectin | 326 - 2612 | ND | Malathion | 278 - 2825 | ND |
| Acephate | 52 - 2697 | ND | Metalaxyl | 38 - 2779 | ND |
| Acetamiprid | 44 - 2694 | ND | Methiocarb | 48 - 2694 | ND |
| Azoxystrobin | 38 - 2757 | ND | Methomyl | 50 - 2686 | ND |
| Bifenazate | 48 - 2758 | ND | MGK 264 1 | 139 - 1646 | ND |
| Boscalid | 57 - 2681 | ND | MGK 264 2 | 116 - 1153 | ND |
| Carbaryl | 44 - 2755 | ND | Myclobutanil | 51 - 2644 | ND |
| Carbofuran | 40 - 2758 | ND | Naled | 51 - 2682 | ND |
| Chlorantraniliprole | 55 - 2676 | ND | Oxamyl | 45 - 2670 | ND |
| Chlorpyrifos | 46 - 2802 | ND | Pacllobutrazol | 40 - 2792 | ND |
| Clofentezine | 276 - 2832 | ND | Permethrin | 330 - 2715 | ND |
| Diazinon | 289 - 2832 | ND | Phosmet | 40 - 2848 | ND |
| Dichlorvos | 308 - 2682 | ND | Prophos | 314 - 2690 | ND |
| Dimethoate | 47 - 2672 | ND | Propoxur | 41 - 2754 | ND |
| E-Fenpyroximate | 300 - 2780 | ND | Pyridaben | 290 - 2793 | ND |
| Etofenprox | 49 - 2713 | ND | Spinosad A | 35 - 2268 | ND |
| Etoxazole | 295 - 2780 | ND | Spinosad D | 62 - 488 | ND |
| Fenoxycarb | 42 - 2814 | ND | Spiromesifen | 307 - 2754 | ND |
| Fipronil | 2 - 2763 | ND | Spirotetramat | 333 - 2721 | ND |
| Flonicamid | 46 - 2720 | ND | Spiroxamine 1 | 24 - 1156 | ND |
| Fludioxonil | 341 - 2606 | ND | Spiroxamine 2 | 32 - 1528 | ND |
| Hexythiazox | 48 - 2764 | ND | Tebuconazole | 271 - 2876 | ND |
| Imazalil | 297 - 2797 | ND | Thiacloprid | 39 - 2704 | ND |
| Imidacloprid | 46 - 2646 | ND | Thiamethoxam | 43 - 2740 | ND |
| Kresoxim-methyl | 52 - 2807 | ND | Trifloxystrobin | 38 - 2805 | ND |

Final Approval


 Sam Smith
 29Aug2022
 05:25:00 PM MDT
 PREPARED BY / DATE


 Daniel Weidensaul
 29Aug2022
 05:28:00 PM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/b4643067-db1b-434b-b1b1-8a2b43b0f8cc>

Definitions
 ND = None Detected (defined by dynamic range of the method)
 Dynamic Range = Limit of Quantitation (LOQ) through Upper Limit of Method Range
 ppb = Parts Per Billion

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Cell #4329.02
 b4643067db1b434bb1b18a2b43b0f8cc.1

CERTIFICATE OF ANALYSIS

Prepared for:
Elixinol LLC

10170 Church Ranch Way, Ste 400
Westminster, CO USA 80021

Extra Strength Gummy - EVG.ELIX.G1.22223

| | | | |
|---|---|-------------------------------|----------------------|
| Batch ID or Lot Number: EVG.ELIX.G1.22223 | Test: Mycotoxins | Reported: 30Aug2022 | USDA License: N/A |
| Matrix: Concentrate | Test ID: T000219408 | Started: 29Aug2022 | Sampler ID: N/A |
| | Method(s): TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins | Received: 25Aug2022 | Status: Active |

| Mycotoxins | Dynamic Range (ppb) | Result (ppb) | Notes |
|---------------------------------------|---------------------|--------------|-------|
| Ochratoxin A | 1.92 - 117.84 | ND | N/A |
| Aflatoxin B1 | 0.95 - 29.05 | ND | |
| Aflatoxin B2 | 0.86 - 29.28 | ND | |
| Aflatoxin G1 | 0.92 - 29.02 | ND | |
| Aflatoxin G2 | 1.03 - 29.31 | ND | |
| Total Aflatoxins (B1, B2, G1, and G2) | | ND | |

Final Approval



Jacob Miller
30Aug2022
10:11:00 AM MDT

PREPARED BY / DATE



Sam Smith
30Aug2022
10:21:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/68ac5250-565d-4841-a10d-50a0b90fbc4d>

Definitions

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Cert #4329.02

CDPHE Certified
68ac5250565d4841a10d50a0b90fbc4d.1

Certificate of Analysis

Elixinol, LLC

10170 Church Ranch
Westminster Colorado 80021 United States

| | | | |
|----------------------------|---|--------------------------|----------------------------------|
| Sample Name: | Extra Strength Gummy - EVG.ELIX.G1.22223 | Eurofins Sample: | 12086789 |
| Project ID | ELIXINOL-20220818-0030 | Receipt Date | 29-Aug-2022 |
| PO Number | | Receipt Condition | Ambient temperature |
| Lot Number | EVG.ELIX.G1.22223 | Login Date | 18-Aug-2022 |
| Sample Serving Size | 1 Piece | Date Started | 30-Aug-2022 |
| | | Sampled | Sample results apply as received |
| | | Online Order | 13484-17C0FF6A |

| Analysis | Result |
|-----------------------------------|------------|
| Calculated Sample Weight * | |
| Entity Weight | 2.8837 g |
| Glyphosate and AMPA | |
| Glyphosate | <10.0 ng/g |
| AMPA | <10.0 ng/g |

| Method References | Testing Location |
|---|--|
| Calculated Sample Weight (PREP) | Food Integrity Innovation-Madison 6304 Ronald Reagan Ave Madison, WI 53704 USA |
| Glyphosate and AMPA (GLY_AMPAS) | 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". | |

| Testing Location(s) | Released on Behalf of Eurofins by |
|---|--|
| Food Integrity Innovation-Madison | Edward Ladwig - President Eurofins Food Chemistry Testing Madison |
| Eurofins Food Chemistry Testing Madison, Inc. 6304 Ronald Reagan Ave Madison WI 53704 800-675-8375 | |



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.

* This analysis or component is not ISO accredited.

Printed: 01-Sep-2022 10:11 pm

Page 1 of 1

Certificate of Analysis

Elixinol, LLC

10170 Church Ranch
Westminster Colorado 80021 United States

| | | | |
|----------------------------|---|--------------------------|----------------------------------|
| Sample Name: | Extra Strength Gummy - EVG.ELIX.G1.22223 | Eurofins Sample: | 12086789 |
| Project ID | ELIXINOL-20220818-0030 | Receipt Date | 29-Aug-2022 |
| PO Number | | Receipt Condition | Ambient temperature |
| Lot Number | EVG.ELIX.G1.22223 | Login Date | 18-Aug-2022 |
| Sample Serving Size | 1 Piece | Date Started | 30-Aug-2022 |
| | | Sampled | Sample results apply as received |
| | | Online Order | 13484-17C0FF6A |

| Analysis | Result |
|---------------------------------------|-----------|
| Enterobacteriaceae Plate Count | |
| Enterobacteriaceae | <10 CFU/g |

| Method References | Testing Location |
|-------------------|------------------|
|-------------------|------------------|

| | |
|---|---|
| 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. | |

| 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 Chemistr |
|---|---|

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.