

Prepared for:  
**House of Alchemy LLC**  
23110 State Rd 54, Unit 361  
Lutz, FL United States 33549

## CALM Tincture

|  |                                       |                             |             |
|--|---------------------------------------|-----------------------------|-------------|
| Batch ID or Lot Number:<br><b>010124</b> | Test, Test ID and Methods:<br>Various | Matrix:<br>Finished Product | Page 1 of 7 |
| Reported:<br><b>26Jun2024</b>            | Started:<br>25Jun2024                 | Received:<br>25Jun2024      |             |

## Heavy Metals - Colorado Compliance


Test ID: T000284993  
Methods: TM19 (ICP-MS): Heavy

| Metals  | Dynamic Range (ppm) | Result (ppm) | Notes |
|---------|---------------------|--------------|-------|
| Arsenic | 0.05 - 4.66         | ND           |       |
| Cadmium | 0.05 - 4.56         | ND           |       |
| Mercury | 0.05 - 4.82         | ND           |       |
| Lead    | 0.05 - 4.70         | ND           |       |

### Final Approval

  
K Winternheimer  
PREPARED BY / DATE

Karen Winternheimer  
26Jun2024  
01:48:00 PM MDT

  
Samantha Smith  
APPROVED BY / DATE

Sam Smith  
26Jun2024  
02:00:00 PM MDT

Prepared for:  
**House of Alchemy LLC**  
23110 State Rd 54, Unit 361  
Lutz, FL United States 33549

## CALM Tincture

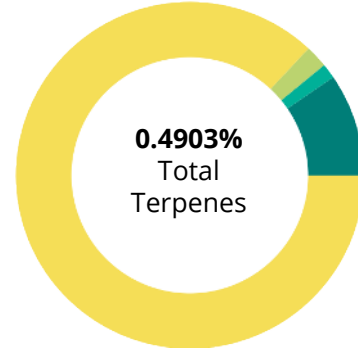
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## Terpenes

Test ID: T000284990

Methods: TM22 (GC-MS)

|                         | %(w/w)        | (mg/g)        |
|-------------------------|---------------|---------------|
| (-)-alpha-Bisabolol     | 0.0000        | 0.0000        |
| (-)-beta-Pinene         | 0.0000        | 0.0000        |
| (-)-Caryophyllene Oxide | 0.0060        | 0.060         |
| (-)-Isopulegol          | 0.0000        | 0.0000        |
| alpha-Humulene          | 0.0000        | 0.0000        |
| alpha-Pinene            | 0.0000        | 0.0000        |
| alpha-Terpinene         | 0.0000        | 0.0000        |
| beta-Caryophyllene      | 0.0393        | 0.393         |
| beta-Myrcene            | 0.0057        | 0.057         |
| beta-Ocimene            | 0.0259        | 0.259         |
| Camphene                | 0.0000        | 0.0000        |
| cis-Nerolidol           | 0.0000        | 0.0000        |
| d-Limonene              | 0.0086        | 0.086         |
| delta-3-Carene          | 0.0000        | 0.0000        |
| Eucalyptol              | 0.0131        | 0.131         |
| gamma-Terpinene         | 0.0013        | 0.013         |
| Geraniol                | 0.0000        | 0.0000        |
| Linalool                | 0.3571        | 3.571         |
| Ocimene                 | 0.0321        | 0.321         |
| p-Cymene                | 0.0012        | 0.012         |
| Terpinolene             | 0.0000        | 0.0000        |
| trans-Nerolidol         | 0.0000        | 0.0000        |
|                         | <b>0.4903</b> | <b>4.9030</b> |




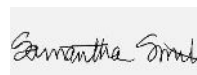
### PREDOMINANT TERPENES

|                     |        |
|---------------------|--------|
| (-)-alpha-Bisabolol | 0.0000 |
| (-)-beta-Pinene     | 0.0000 |
| alpha-Humulene      | 0.0000 |
| alpha-Pinene        | 0.0000 |
| alpha-Terpinene     | 0.0000 |
| beta-Caryophyllene  | 0.0393 |
| beta-Myrcene        | 0.0057 |
| d-Limonene          | 0.0086 |
| delta-3-Carene      | 0.0000 |
| Linalool            | 0.3571 |

### Notes

### Final Approval

  
Karen Winternheimer  
27Jun2024  
11:14:00 AM MDT  
PREPARED BY / DATE

  
Sam Smith  
27Jun2024  
11:16:00 AM MDT  
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23110 State Rd 54, Unit 361  
Lutz, FL United States 33549

## CALM Tincture

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## Pesticides


Test ID: T000284991

Methods: TM17

| (LC-QQ LC MS/MS)    | Dynamic Range (ppb) | Result (ppb) |  | Dynamic Range (ppb) | Result (ppb) |    |
|---------------------|---------------------|--------------|--|---------------------|--------------|----|
| Abamectin           | 492 - 2782          | ND           |  | Malathion           | 289 - 2740   | ND |
| Acephate            | 39 - 2737           | ND           |  | Metalaxyl           | 43 - 2742    | ND |
| Acetamiprid         | 39 - 2709           | ND           |  | Methiocarb          | 41 - 2732    | ND |
| Azoxystrobin        | 45 - 2727           | ND           |  | Methomyl            | 42 - 2761    | ND |
| Bifenazate          | 45 - 2708           | ND           |  | MGK 264 1           | 65 - 1532    | ND |
| Boscalid            | 39 - 2717           | ND           |  | MGK 264 2           | 97 - 1089    | ND |
| Carbaryl            | 38 - 2731           | ND           |  | Myclobutanil        | 40 - 2704    | ND |
| Carbofuran          | 42 - 2702           | ND           |  | Naled               | 43 - 2682    | ND |
| Chlorantraniliprole | 38 - 2717           | ND           |  | Oxamyl              | 42 - 2764    | ND |
| Chlorpyrifos        | 25 - 2744           | ND           |  | Paclobutrazol       | 41 - 2702    | ND |
| Clofentezine        | 278 - 2710          | ND           |  | Permethrin          | 263 - 2746   | ND |
| Diazinon            | 278 - 2746          | ND           |  | Phosmet             | 43 - 2608    | ND |
| Dichlorvos          | 264 - 2725          | ND           |  | Prophos             | 277 - 2740   | ND |
| Dimethoate          | 41 - 2726           | ND           |  | Propoxur            | 42 - 2701    | ND |
| E-Fenpyroximate     | 260 - 2843          | ND           |  | Pyridaben           | 265 - 2838   | ND |
| Etofenprox          | 36 - 2769           | ND           |  | Spinosad A          | 30 - 2070    | ND |
| Etoxazole           | 254 - 2755          | ND           |  | Spinosad D          | 58 - 687     | ND |
| Fenoxycarb          | 42 - 2737           | ND           |  | Spiromesifen        | 246 - 2837   | ND |
| Fipronil            | 37 - 2764           | ND           |  | Spirotetramat       | 294 - 2758   | ND |
| Flonicamid          | 45 - 2733           | ND           |  | Spiroxamine 1       | 15 - 1020    | ND |
| Fludioxonil         | 268 - 2689          | ND           |  | Spiroxamine 2       | 24 - 1610    | ND |
| Hexythiazox         | 34 - 2828           | ND           |  | Tebuconazole        | 303 - 2724   | ND |
| Imazalil            | 284 - 2776          | ND           |  | Thiacloprid         | 43 - 2760    | ND |
| Imidacloprid        | 43 - 2744           | ND           |  | Thiamethoxam        | 37 - 2739    | ND |
| Kresoxim-methyl     | 46 - 2757           | ND           |  | Trifloxystrobin     | 42 - 2725    | ND |

## Final Approval

  
Sam Smith  
27Jun2024  
09:09:00 AM MDT  
PREPARED BY / DATE

  
Karen Winternheimer  
27Jun2024  
09:11:00 AM MDT  
APPROVED BY / DATE

Prepared for:  
**House of Alchemy LLC**  
23110 State Rd 54, Unit 361  
Lutz, FL United States 33549

## CALM Tincture

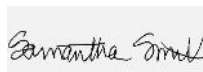
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## Residual Solvents - Colorado Compliance

Test ID: T000284994  
Methods: TM04 (GC-MS): Residual

| Solvents                      | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane                       | 91 - 1817           | ND           |       |
| Butanes (Isobutane, n-Butane) | 182 - 3634          | ND           |       |
| Methanol                      | 66 - 1329           | ND           |       |
| Pentane                       | 93 - 1864           | ND           |       |
| Ethanol                       | 93 - 1860           | ND           |       |
| Acetone                       | 106 - 2112          | ND           |       |
| Isopropyl Alcohol             | 112 - 2247          | ND           |       |
| Hexane                        | 7 - 132             | ND           |       |
| Ethyl Acetate                 | 108 - 2167          | ND           |       |
| Benzene                       | 0.2 - 4.5           | ND           |       |
| Heptanes                      | 102 - 2035          | ND           |       |
| Toluene                       | 20 - 393            | ND           |       |
| Xylenes (m,p,o-Xylenes)       | 142 - 2833          | ND           |       |

### Final Approval

  
Sam Smith  
28Jun2024  
11:23:00 AM MDT

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Karen Winternheimer  
28Jun2024  
11:25:00 AM MDT

APPROVED BY / DATE

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23110 State Rd 54, Unit 361  
Lutz, FL United States 33549

## CALM Tincture


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|--|---------------------------------------|-----------------------------|-------------|
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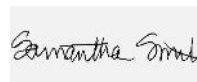
## Cannabinoids - Colorado Compliance

Test ID: T000284988  
Methods: TM14 (HPLC-DAD): Potency - Full Spectrum  
Analysis, 0.3% THC

|  | LOD (mg) | LOQ (mg) | Result (mg)    | Result (mg/g) | Notes                                       |
|--|----------|----------|----------------|---------------|---|
| Cannabichromene (CBC)                        | 3.264    | 10.206   | 10.811         | 0.19          | # of Servings = 1<br>Sample<br>Weight=56.7g |
| Cannabichromenic Acid (CBCA)                 | 2.986    | 9.335    | ND             | ND            |   |
| Cannabidiol (CBD)                            | 8.523    | 32.393   | 587.930        | 10.37         |   |
| Cannabidiolic Acid (CBDA)                    | 8.742    | 33.224   | ND             | ND            |   |
| Cannabidivarin (CBDV)                        | 2.016    | 7.661    | <LOQ           | <LOQ          |   |
| Cannabidivarinic Acid (CBDVA)                | 3.647    | 13.859   | ND             | ND            |   |
| Cannabigerol (CBG)                           | 1.853    | 5.795    | 74.577         | 1.32          |   |
| Cannabigerolic Acid (CBGA)                   | 7.748    | 24.224   | ND             | ND            |   |
| Cannabinol (CBN)                             | 2.418    | 7.560    | <LOQ           | <LOQ          |   |
| Cannabinolic Acid (CBNA)                     | 5.286    | 16.528   | ND             | ND            |   |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC)   | 9.231    | 28.860   | ND             | ND            |   |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC)   | 8.383    | 26.210   | <LOQ           | <LOQ          |   |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 7.428    | 23.222   | ND             | ND            |   |
| Tetrahydrocannabivarin (THCV)                | 1.686    | 5.271    | ND             | ND            |   |
| Tetrahydrocannabivarinic Acid (THCVA)        | 6.551    | 20.483   | ND             | ND            |   |
| <b>Total Cannabinoids</b>                    |          |          | <b>673.318</b> | <b>11.88</b>  |   |
| Total Potential THC                          |          |          | <LOQ           | <LOQ          |   |
| Total Potential CBD                          |          |          | 587.930        | 10.37         |   |

### Final Approval

  
Karen Winternheimer  
28Jun2024  
08:21:00 AM MDT  
PREPARED BY / DATE

  
Sam Smith  
28Jun2024  
08:24:00 AM MDT  
APPROVED BY / DATE

Prepared for:  
**House of Alchemy LLC**  
23110 State Rd 54, Unit 361  
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|  |                                       |                             |             |
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## Mycotoxins - Colorado Compliance

Test ID: T000284995  
Methods: TM18 (UHPLC-QQ)  
LCMS/MS: Mycotoxins

|                                       | Dynamic Range (ppb) | Result (ppb) | Notes |
|---------------------------------------|---------------------|--------------|-------|
| Ochratoxin A                          | 1.11 - 130.44       | ND           | N/A   |
| Aflatoxin B1                          | 1.01 - 33.44        | ND           |       |
| Aflatoxin B2                          | 1.01 - 33.44        | ND           |       |
| Aflatoxin G1                          | 1.08 - 33.05        | ND           |       |
| Aflatoxin G2                          | 1.11 - 33.41        | ND           |       |
| Total Aflatoxins (B1, B2, G1, and G2) |                     | ND           |       |

### Final Approval

  
Sam Smith  
28Jun2024  
11:47:00 AM MDT  
PREPARED BY / DATE

  
Karen Winternheimer  
28Jun2024  
11:49:00 AM MDT  
APPROVED BY / DATE


## Microbial Contaminants - Colorado Compliance

Test ID: T000284992  
Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

|                       | Method                | LOD                     | Quantitation Range                        | Result        | Notes   |
|-----------------------|-----------------------|-------------------------|---|---------------|---|
| STEC                  | TM25: PCR             | 10 <sup>0</sup> CFU/25g | NA  | Absent        | Free from visual mold, mildew, and foreign matter |
| Salmonella            | TM25: PCR             | 10 <sup>0</sup> CFU/25g | NA  | Absent        |   |
| Total Yeast and Mold* | TM24: Culture Plating | 10 <sup>1</sup> CFU/g   | 1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup> | None Detected |   |
| Total Aerobic Count*  | TM26: Culture Plating | 10 <sup>2</sup> CFU/g   | 1.0x10 <sup>3</sup> - 1.5x10 <sup>5</sup> | None Detected |   |
| Total Coliforms*      | TM27: Culture Plating | 10 <sup>1</sup> CFU/g   | 1.0x10 <sup>2</sup> - 1.5x10 <sup>4</sup> | None Detected |   |

### Final Approval

  
Brienne Maillot  
28Jun2024  
10:28:00 AM MDT  
PREPARED BY / DATE

  
Brett Hudson  
28Jun2024  
04:20:00 PM MDT  
APPROVED BY / DATE

Prepared for:  
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## Cannabinoids

| Test ID: T000284989                          | Dynamic Range (%) | Result (%)   | Result (mg/g) | Notes |
|--|-------------------|--------------|---------------|-------|
| Methods: TM20 (HPLC-DAD)                     |                   |              |               |       |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC)   | 0.001 - 0.697     | 0.036        | 0.36          | N/A   |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.002 - 1.396     | ND           | 0.00          | N/A   |
| <b>Total Potential THC</b>                   | -                 | <b>0.036</b> | <b>0.36</b>   |       |

## Final Approval

|  |   |   |   |
|--|---|---|---|
|  | Karen Winternheimer<br>01Jul2024<br>08:37:00 AM MDT |  | Sam Smith<br>01Jul2024<br>08:41:00 AM MDT |
| PREPARED BY / DATE   |   | APPROVED BY / DATE  |   |



<https://results.botanacor.com/api/v1/coas/uuid/f94e401c-bca8-4f4b-ae63-da7e6f279308>

**Definitions**  
LOD = Limit of Detection, ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation, PPB = Parts per Billion, % = % (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)). Fail equates to a concentration level of Delta 9-THC, on a dry weight basis, higher than 0.3 percent + or - the measurement uncertainty. Total Potential THC is calculated using the following formulas to take into account the loss of a carboxyl group during decarboxylation step. Total THC = THC + (THCa \*(0.877)). ALOQ = Above Limit Of Quantitation (defined by dynamic range of the method), CFU/g = Colony Forming Units per Gram. 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.

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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA](#) for more details.



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