

PRODUCT NAME: Organic CBD Tincture - Natural

PRODUCT STRENGTH: 900mg
TINCTURE BATCH: 230201A

 BEST BY DATE:
 2/1/2025

 HEMP EXTRACT LOT:
 221012D

Physical Atttributes

| Test | Method | Specification | Results |
|-------------------------|--------------|--|---------|
| Color | Joy Internal | Golden to Amber | PASS |
| Odor | Joy Internal | Characteristic - Olive and Hemp | PASS |
| Appearance | Joy Internal | Golden to Amber oil in brown glass bottle with dropper. | PASS |
| Primary Package Eval. | Joy Internal | Container clean and free of filth. Container caps tight and shrink bands intact | PASS |
| Secondary Package Eval. | Joy Internal | Labeling Compliance Checked, Cartons sturdy and clean. Sufficient cushion material exists. Box taped and secure. | PASS |

Review of Third-Party Analysis

| Panel | Method | Specification | Results* | Pass/Fail |
|-----------------------------------|-----------------|---|-----------|-----------|
| Potency - Total CBD | HPLC-UV DAD | *NLT (product strength) mg / bottle | 1062mg | PASS |
| Potency - D9-THC | HPLC-UV DAD | LOQ: 10 ppm (.001-0.3%) | ND | PASS |
| Expanded Pesticide Panel | HPLC-QQQ | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract | ND | PASS |
| Microbial Escherichia coli (STEC) | PCR | Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram | Absent | PASS |
| Microbial Salmonella | PCR | Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram | Absent | PASS |
| Microbial Yeast and Mold | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram | Below LOQ | PASS |
| Microbial Total Coliforms* | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10^2 CFU/gram | Below LOQ | PASS |
| Microbial Total Aerobic Count* | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10^3 CFU/gram | Below LOQ | PASS |
| Heavy Metals Panel | ICP-MS | Arsenic (As): ≤1.5 ppm Cadmium (Cd): ≤0.5 ppm Lead (Pb): ≤0.5 ppm Mercury (Hg): ≤1.5 ppm | ND | PASS |
| Mycotoxins | ICP-MS | Total Aflatoxins <20 ppb† Afltoxin B1 < 5 ppb Ochratoxin < 5ppb | ND | PASS |
| Residual Solvents | GC-HS-MSD | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract | ND | PASS |

**Level of Quantitation, † Parts Per Million † Part Per Billion CFU/g=Colony Forming Units per Gram *Nothing Less Than 10^2=100 CFU 10^3=1,000 CFU

Color

2/22/2023

Quality Certified

Name

Date



900mg CBD Tincture- Natural

| Batch ID or Lot Number: 230131E & 230201A | Test: | Reported: | USDA License: |
|---|-----------------|------------------|---------------|
| | Potency | 14Oct2022 | N/A |
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000224610 | 13Oct2022 | N/A |
| | Method(s): | Received: | Status: |
| | TM14 (HPLC-DAD) | 13Oct2022 | N/A |

| Cannabichromene (CBC) 0.005 0.016 ND ND Cannabichromenic Acid (CBCA) 0.004 0.015 ND ND Cannabidiol (CBD) 0.014 0.042 3.850 38.50 Cannabidiolic Acid (CBDA) 0.014 0.043 ND ND Cannabidivarin (CBDV) 0.003 0.010 0.020 0.20 Cannabidivarinic Acid (CBDVA) 0.006 0.018 ND ND Cannabigerol (CBG) 0.003 0.009 0.190 1.90 Cannabigerolic Acid (CBGA) 0.011 0.039 ND ND Cannabinol (CBN) 0.003 0.012 ND ND Cannabinolic Acid (CBNA) 0.003 0.012 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.013 0.046 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.011 0.037 ND ND Tetrahydrocannabivarin (THCV) 0.002 0.008 ND ND Total Cannabinoids 0.004 0.003 <th>Cannabinoids</th> <th>LOD (%)</th> <th>LOQ (%)</th> <th>Result (%)</th> <th>Result (mg/g)</th> | Cannabinoids | LOD (%) | LOQ (%) | Result (%) | Result (mg/g) |
|---|--|----------------|---------|------------|---------------|
| Cannabidiol (CBD) 0.014 0.042 3.850 38.50 Cannabidiolic Acid (CBDA) 0.014 0.043 ND ND Cannabidivarin (CBDV) 0.003 0.010 0.020 0.20 Cannabidivarinic Acid (CBDVA) 0.006 0.018 ND ND Cannabigerol (CBG) 0.003 0.009 0.190 1.90 Cannabigerolic Acid (CBGA) 0.011 0.039 ND ND Cannabinol (CBN) 0.003 0.012 ND ND Cannabinolic Acid (CBNA) 0.008 0.026 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.013 0.046 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.012 0.042 ND ND Delta 9-Tetrahydrocannabivarin (THCV) 0.002 0.008 ND ND Tetrahydrocannabivarin (Acid (THCVA) 0.009 0.033 ND ND | Cannabichromene (CBC) | 0.005 | 0.016 | ND | ND |
| Cannabidiolic Acid (CBDA) 0.014 0.043 ND ND Cannabidivarin (CBDV) 0.003 0.010 0.020 0.20 Cannabidivarinic Acid (CBDVA) 0.006 0.018 ND ND Cannabigerol (CBG) 0.003 0.009 0.190 1.90 Cannabigerolic Acid (CBGA) 0.011 0.039 ND ND Cannabinol (CBN) 0.003 0.012 ND ND Cannabinolic Acid (CBNA) 0.008 0.026 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.013 0.046 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.012 0.042 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.011 0.037 ND ND Tetrahydrocannabivarin (THCV) 0.002 0.008 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.009 0.033 ND ND | Cannabichromenic Acid (CBCA) | 0.004 | 0.015 | ND | ND |
| Cannabidivarin (CBDV) 0.003 0.010 0.020 0.20 Cannabidivarinic Acid (CBDVA) 0.006 0.018 ND ND Cannabigerol (CBG) 0.003 0.009 0.190 1.90 Cannabigerolic Acid (CBGA) 0.011 0.039 ND ND Cannabinol (CBN) 0.003 0.012 ND ND Cannabinolic Acid (CBNA) 0.008 0.026 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.013 0.046 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.012 0.042 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.011 0.037 ND ND Tetrahydrocannabivarin (THCV) 0.002 0.008 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.009 0.033 ND ND | Cannabidiol (CBD) | 0.014 | 0.042 | 3.850 | 38.50 |
| Cannabidivarinic Acid (CBDVA) 0.006 0.018 ND ND Cannabigerol (CBG) 0.003 0.009 0.190 1.90 Cannabigerolic Acid (CBGA) 0.011 0.039 ND ND Cannabinol (CBN) 0.003 0.012 ND ND Cannabinolic Acid (CBNA) 0.008 0.026 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.013 0.046 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.012 0.042 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.011 0.037 ND ND Tetrahydrocannabivarin (THCV) 0.002 0.008 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.009 0.033 ND ND | Cannabidiolic Acid (CBDA) | 0.014 | 0.043 | ND | ND |
| Cannabigerol (CBG) 0.003 0.009 0.190 1.90 Cannabigerolic Acid (CBGA) 0.011 0.039 ND ND Cannabinol (CBN) 0.003 0.012 ND ND Cannabinolic Acid (CBNA) 0.008 0.026 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.013 0.046 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.012 0.042 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.011 0.037 ND ND Tetrahydrocannabivarin (THCV) 0.002 0.008 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.009 0.033 ND ND | Cannabidivarin (CBDV) | 0.003 | 0.010 | 0.020 | 0.20 |
| Cannabigerolic Acid (CBGA) 0.011 0.039 ND ND Cannabinol (CBN) 0.003 0.012 ND ND Cannabinolic Acid (CBNA) 0.008 0.026 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.013 0.046 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.012 0.042 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.011 0.037 ND ND Tetrahydrocannabivarin (THCV) 0.002 0.008 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.009 0.033 ND ND | Cannabidivarinic Acid (CBDVA) | 0.006 | 0.018 | ND | ND |
| Cannabinol (CBN) 0.003 0.012 ND ND Cannabinolic Acid (CBNA) 0.008 0.026 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.013 0.046 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.012 0.042 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.011 0.037 ND ND Tetrahydrocannabivarin (THCV) 0.002 0.008 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.009 0.033 ND ND | Cannabigerol (CBG) | 0.003 | 0.009 | 0.190 | 1.90 |
| Cannabinolic Acid (CBNA) 0.008 0.026 ND ND Delta 8-Tetrahydrocannabinol (Delta 8-THC) 0.013 0.046 ND ND Delta 9-Tetrahydrocannabinol (Delta 9-THC) 0.012 0.042 ND ND Delta 9-Tetrahydrocannabinolic Acid (THCA-A) 0.011 0.037 ND ND Tetrahydrocannabivarin (THCV) 0.002 0.008 ND ND Tetrahydrocannabivarinic Acid (THCVA) 0.009 0.033 ND ND | Cannabigerolic Acid (CBGA) | 0.011 | 0.039 | ND | ND |
| Delta 8-Tetrahydrocannabinol (Delta 8-THC)0.0130.046NDNDDelta 9-Tetrahydrocannabinol (Delta 9-THC)0.0120.042NDNDDelta 9-Tetrahydrocannabinolic Acid (THCA-A)0.0110.037NDNDTetrahydrocannabivarin (THCV)0.0020.008NDNDTetrahydrocannabivarinic Acid (THCVA)0.0090.033NDND | Cannabinol (CBN) | 0.003 | 0.012 | ND | ND |
| Delta 9-Tetrahydrocannabinol (Delta 9-THC)0.0120.042NDNDDelta 9-Tetrahydrocannabinolic Acid (THCA-A)0.0110.037NDNDTetrahydrocannabivarin (THCV)0.0020.008NDNDTetrahydrocannabivarinic Acid (THCVA)0.0090.033NDND | Cannabinolic Acid (CBNA) | 0.008 | 0.026 | ND | ND |
| Delta 9-Tetrahydrocannabinolic Acid (THCA-A)0.0110.037NDNDTetrahydrocannabivarin (THCV)0.0020.008NDNDTetrahydrocannabivarinic Acid (THCVA)0.0090.033NDND | Delta 8-Tetrahydrocannabinol (Delta 8-THC) | 0.013 | 0.046 | ND | ND |
| Tetrahydrocannabivarin (THCV)0.0020.008NDNDTetrahydrocannabivarinic Acid (THCVA)0.0090.033NDND | Delta 9-Tetrahydrocannabinol (Delta 9-THC) | 0.012 | 0.042 | ND | ND |
| Tetrahydrocannabivarinic Acid (THCVA) 0.009 0.033 ND ND | Delta 9-Tetrahydrocannabinolic Acid (THCA-A) | 0.011 | 0.037 | ND | ND |
| | Tetrahydrocannabivarin (THCV) | 0.002 | 0.008 | ND | ND |
| Total Cannabinoids 4 060 40 60 | Tetrahydrocannabivarinic Acid (THCVA) | 0.009 | 0.033 | ND | ND |
| 10tul culliubiliolus | Total Cannabinoids | | | 4.060 | 40.60 |
| Total Potential THC ND ND | Total Potential THC | | | ND | ND |
| Total Potential CBD 3.850 38.50 | Total Potential CBD | | | 3.850 | 38.50 |

Final Approval

L Wintenhumen
PREPARED BY / DATE

Karen Winternheimer 15Oct2022 07:37:00 PM MDT

Somantha Smill

Sam Smith 15Oct2022 07:38:00 PM MDT



APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/cce27fad-2c9a-4e10-b33c-d0fc0c2b7c4a

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 cce27fad2c9a4e10b33cd0fc0c2b7c4a.2



900mg CBD Tincture- Natural

| Batch ID or Lot Number: 230131E & 230201A | Test: Residual Solvents | Reported: 20Oct2022 | USDA License: N/A |
|---|---------------------------------|---------------------|----------------------|
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000224970 | 19Oct2022 | N/A |
| | Method(s): | Received: | Status: |
| | TM04 (GC-MS): Residual Solvents | 18Oct2022 | Active |

| Residual Solvents | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane | 84 - 1681 | ND | |
| Butanes (Isobutane, n-Butane) | 175 - 3502 | ND | |
| Methanol | 55 - 1101 | ND | |
| Pentane | 93 - 1864 | ND | |
| Ethanol | 90 - 1795 | ND | |
| Acetone | 92 - 1841 | ND | |
| Isopropyl Alcohol | 93 - 1862 | ND | |
| Hexane | 6 - 113 | ND | |
| Ethyl Acetate | 92 - 1843 | ND | |
| Benzene | 0.2 - 3.7 | ND | |
| Heptanes | 94 - 1874 | ND | |
| Toluene | 17 - 332 | ND | |
| Xylenes (m,p,o-Xylenes) | 124 - 2480 | ND | |
| | | | |

Final Approval



Sam Smith 20Oct2022 08:51:00 AM MDT

APPROVED BY / DATE

Karen Winternheimer 20Oct2022 08:54:00 AM MDT



PREPARED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/65057241-e949-4515-b308-7d8225cc2fec

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 65057241e9494515b3087d8225cc2fec.1



900mg CBD Tincture- Natural

| Batch ID or Lot Number: 230131E & 230201A | Test: Mycotoxins | Reported: 21Oct2022 | USDA License: N/A |
|---|---|---------------------|----------------------|
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000224971 | 19Oct2022 | N/A |
| | Method(s): | Received: | Status: |
| | TM18 (UHPLC-QQQ LCMS/MS): Mycotoxins | 18Oct2022 | Active |

| Dynamic Range (ppb) | Result (ppb) | Notes | |
|---------------------------------------|---|--|--|
| 1.37 - 125.83 | ND | N/A | |
| 0.90 - 32.04 | ND | | |
| 2.43 - 31.54 | ND | | |
| 1.03 - 31.76 | ND | | |
| 1.25 - 31.64 | ND | | |
| Total Aflatoxins (B1, B2, G1, and G2) | | | |
| | 1.37 - 125.83 0.90 - 32.04 2.43 - 31.54 1.03 - 31.76 1.25 - 31.64 | 1.37 - 125.83 ND 0.90 - 32.04 ND 2.43 - 31.54 ND 1.03 - 31.76 ND 1.25 - 31.64 ND | 1.37 - 125.83 ND N/A 0.90 - 32.04 ND 2.43 - 31.54 ND 1.03 - 31.76 ND 1.25 - 31.64 ND |

Final Approval



Sam Smith 21Oct2022 10:29:00 AM MDT L Winternheimer APPROVED BY / DATE Karen Winternheimer 21Oct2022 10:31:00 AM MDT



PREPARED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/3f8e71af-5d87-4f9a-92c0-9e6981d49124

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 3f8e71af5d874f9a92c09e6981d49124.1





900mg CBD Tincture- Natural

| Batch ID or Lot Number: 230131E & 230201A | Test: Heavy Metals | Reported: 25Oct2022 | USDA License: NA |
|---|------------------------------|---------------------|---------------------|
| Matrix: | Test ID: | Started: | Sampler ID: |
| Unit Co | T000224969 | 24Oct2022 | NA |
| | Method(s): | Received: | Status: |
| | TM19 (ICP-MS): Heavy Metals | 18Oct2022 | NA |

| Heavy Metals | Dynamic Range (ppm) | Result (ppm) | Notes | |
|--------------|---------------------|--------------|-------|--|
| Arsenic | 0.04 - 4.19 | ND | | |
| Cadmium | 0.04 - 4.28 | ND | | |
| Mercury | 0.04 - 3.79 | ND | | |
| Lead | 0.04 - 4.13 | ND | | |

Final Approval

PREPARED BY / DATE

Sawantha Smul

Sam Smith 25Oct2022 08:37:00 AM MDT

APPROVED BY / DATE

Karen Winternheimer 25Oct2022 08:42:00 AM MDT



https://results.botanacor.com/api/v1/coas/uuid/2a942933-e8d0-4d3d-b035-7455aee89fc2

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 2a942933e8d04d3db0357455aee89fc2.1



900mg CBD Tincture- Natural

| Batch ID or Lot Number: 230131E & 230201A | Test: Pesticides | Reported: 26Oct2022 | USDA License: NA |
|---|----------------------------|----------------------------|---------------------|
| Matrix: | Test ID: | Started: | Sampler ID: |
| Concentrate | T000224967 | 25Oct2022 | NA |
| | Method(s): | Received: | Status: |
| | TM17 (LC-QQ LC MS/MS) | 18Oct2022 | NA |

| Pesticides | Dynamic Range (ppb) | Result (ppb) |
|---------------------|----------------------------|--------------|
| Abamectin | 251 - 2634 | ND |
| Acephate | 35 - 2752 | ND |
| Acetamiprid | 36 - 2688 | ND |
| Azoxystrobin | 40 - 2741 | ND |
| Bifenazate | 38 - 2718 | ND |
| Boscalid | 41 - 2823 | ND |
| Carbaryl | 40 - 2721 | ND |
| Carbofuran | 41 - 2709 | ND |
| Chlorantraniliprole | 43 - 2763 | ND |
| Chlorpyrifos | 56 - 2830 | ND |
| Clofentezine | 279 - 2735 | ND |
| Diazinon | 277 - 2745 | ND |
| Dichlorvos | 258 - 2688 | ND |
| Dimethoate | 37 - 2672 | ND |
| E-Fenpyroximate | 283 - 2752 | ND |
| Etofenprox | 42 - 2757 | ND |
| Etoxazole | 288 - 2732 | ND |
| Fenoxycarb | 45 - 2766 | ND |
| Fipronil | 58 - 2756 | ND |
| Flonicamid | 39 - 2707 | ND |
| Fludioxonil | 286 - 2787 | ND |
| Hexythiazox | 39 - 2786 | ND |
| Imazalil | 259 - 2800 | ND |
| Imidacloprid | 42 - 2697 | ND |
| Kresoxim-methyl | 17 - 2783 | ND |

| | Dynamic Range (ppb) | Result (ppb) | |
|-----------------|----------------------------|--------------|--|
| Malathion | 288 - 2733 | | |
| Metalaxyl | 40 - 2748 | ND | |
| Methiocarb | 42 - 2801 | ND | |
| Methomyl | 34 - 2705 | ND | |
| MGK 264 1 | 144 - 1597 | ND | |
| MGK 264 2 | 113 - 1138 | ND | |
| Myclobutanil | 45 - 2760 | ND | |
| Naled | 47 - 2735 | ND | |
| Oxamyl | 38 - 2691 | ND | |
| Paclobutrazol | 43 - 2705 | ND | |
| Permethrin | 282 - 2780 | ND | |
| Phosmet | 42 - 2720 | ND | |
| Prophos | 287 - 2746 | ND | |
| Propoxur | 40 - 2714 | ND | |
| Pyridaben | 289 - 2762 | ND | |
| Spinosad A | 30 - 2259 | ND | |
| Spinosad D | 43 - 500 | ND | |
| Spiromesifen | 270 - 2789 | ND | |
| Spirotetramat | 260 - 2788 | ND | |
| Spiroxamine 1 | 16 - 1183 | ND | |
| Spiroxamine 2 | 20 - 1603 | ND | |
| Tebuconazole | 294 - 2729 | ND | |
| Thiacloprid | 36 - 2683 | ND | |
| Thiamethoxam | 40 - 2711 | ND | |
| Trifloxystrobin | 41 - 2738 | ND | |

Final Approval

PREPARED BY / DATE



Sam Smith 26Oct2022 11:01:00 AM MDT

Karen Winternheimer 26Oct2022 11:05:00 AM MDT



APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/a5612923-6a80-4973-8bd1-9ce5edf65caa

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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a56129236a8049738bd19ce5edf65caa.1





900mg CBD Tincture- Natural

| Batch ID or Lot Number: \$%#%#7~\$%\$'#3 | Test: Microbial Contaminants | Reported: 06Feb2023 | USDA License: N/A | | | |
|---|--|----------------------------|----------------------|--|--|--|
| Matrix: | Test ID: | Started: | Sampler ID: | | | |
| Finished Product | T000234453 | 02Feb2023 | N/A | | | |
| | Method(s): | Received: | Status: | | | |
| | TM25 (qPCR) TM24, TM26, TM27 | 02Feb2023 | Active | | | |
| | (Culture Plating): Microbial (Colorado | | | | | |
| | Panel) | | | | | |

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

Final Approval

Eden Thompson

Eden Thompson-Wright 06Feb2023 11:19:00 AM MST

Rest lehm

Brett Hudson 06Feb2023 04:04:00 PM MST



PREPARED BY / DATE

APPROVED BY / DATE

https://results.botanacor.com/api/v1/coas/uuid/a1ab9c29-9071-4e98-aeba-08e7f3f1cd44

Definitions

* 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

CFU/g = Colony Forming Units per Gram, LOD = Limit of Detection

ULOQ = Upper Limit of Quantitation, LLOQ = Lower Limit of Quantitation STEC = Shiga Toxin-Producing E. coli

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Cert #4329.02

CDPHE Certified a1ab9c2990714e98aeba08e7f3f1cd44.1