

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CBD Gummies for Sleep
PRODUCT STRENGTH: 30mg CBD, 3mg CBN, 1mg THC, + 3mg Melatonin / gummy
BATCH: 230803A, 231017A
BEST BY DATE: HEMP 6/22/2025
EXTRACT LOT: 91721041

Physical Attributes

| Test | Method | Specification | Results |
|-------------------------|----------|--|---------|
| Color | Internal | Purple | PASS |
| Odor | Internal | Sweet, berry | PASS |
| Appearance | Internal | Purple gummies with sugar coating in child proof container | PASS |
| Primary Package Eval. | Internal | Container clean and free of filth. Container caps tight and seals intact | PASS |
| Secondary Package Eval. | Internal | Labeling Compliance Checked, 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 30 mg / gummy | 37mg | PASS |
| Potency - D9-THC | HPLC-UV DAD | <0.3% (full spectrum) | 1.1mg | PASS |
| Expanded Pesticide Panel | HPLC-QQQ | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract | Below LOQ | 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 | Below LOQ | PASS |
| Mycotoxins | ICP-MS | Total Aflatoxins <20 ppb† Aflatoxin B1 < 5 ppb Ochratoxin < 5ppb | Below LOQ | PASS |
| Residual Solvents | GC-HS-MSD | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract | Below LOQ | PASS |

* *Level of Quantitation, † Parts Per Million ‡ Part Per Billion
 CFU/g=Colony Forming Units per Gram
 * Nothing Less Than
 10²=100 CFU
 10³=1,000 CFU

Quality Certified



 Name

8/18/2023

Order No. 546113
Sample No. 1165421

SAMPLE INFORMATION

Description 30 mg CBD Sleep Gummy with Melatonin
Lot Number 230803A
Category (Type) Non-Inhalable Edible (Gummy)
Received July 03, 2023

ANALYTICAL RESULTS

Analysis Cannabinoid Profile
Instrument Liquid Chromatography Diode Array Detector (LC-DAD)
Method MF-CHEM-15
Analysis Date July 03, 2023 to July 10, 2023

| Cannabinoid | mg/g | % | mg/serving |
|---------------------------|--------|-------|------------|
| Δ8-THC | ND | ND | ND |
| Δ9-THC | 0.26 | 0.026 | 1.18 |
| Δ9-THCA | ND | ND | ND |
| THCV | ND | ND | ND |
| THCVA | ND | ND | ND |
| CBD | 8.27 | 0.827 | 37.06 |
| CBDA | ND | ND | ND |
| CBC | 0.12 | 0.012 | 0.56 |
| CBCA | ND | ND | ND |
| CBDV | <LOQ | <LOQ | <LOQ |
| CBG | <LOQ | <LOQ | <LOQ |
| CBGA | ND | ND | ND |
| CBN | 0.87 | 0.087 | 3.92 |
| Total THC | 0.26 | 0.026 | 1.18 |
| Total CBD | 8.27 | 0.827 | 37.06 |
| Total Cannabinoids | 9.53 | 0.953 | 42.72 |
| Sum of Cannabinoids | 9.53 | 0.953 | 42.72 |
| Serving Weight (g) | 4.4807 | | |

Comments This result of this sample is confirmed with a retest.

Reported by
Anresco, Inc.

Limit of Detection: 0.0133 mg/g
Limit of Quantitation: 0.0400 mg/g
ND = None Detected
<LOQ = Below Limit of Quantitation
LOD = Limit of Detection
Total THC = Δ9-THC + (0.877 * Δ9-THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]


Jacob Mintek
Cannabis Operations



July 10, 2023

If there are any questions with this report, please contact "compliance@anresco.com".

30 mg CBD Sleep Gummy with Melatonin

| | | | |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: 230803A | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 2 of 5 |
| Reported: 28Jun2023 | Started: 26Jun2023 | Received: 26Jun2023 | |


Residual Solvents - Colorado Compliance

Test ID: T000247461


Methods: TM04 (GC-MS): Residual

| Solvents | Dynamic Range (ppm) | Result (ppm) | Notes |
|-------------------------------|---------------------|--------------|-------|
| Propane | 115 - 2291 | ND | |
| Butanes (Isobutane, n-Butane) | 231 - 4616 | ND | |
| Methanol | 70 - 1391 | ND | |
| Pentane | 114 - 2278 | ND | |
| Ethanol | 118 - 2361 | ND | |
| Acetone | 112 - 2242 | ND | |
| Isopropyl Alcohol | 117 - 2339 | ND | |
| Hexane | 7 - 135 | ND | |
| Ethyl Acetate | 115 - 2300 | ND | |
| Benzene | 0.2 - 4.7 | ND | |
| Heptanes | 115 - 2296 | ND | |
| Toluene | 20 - 409 | ND | |
| Xylenes (m,p,o-Xylenes) | 154 - 3078 | ND | |

Final Approval


Sam Smith
29Jun2023
09:41:00 AM MDT

PREPARED BY / DATE


Karen Winternheimer
29Jun2023
09:45:00 AM MDT

APPROVED BY / DATE

30 mg CBD Sleep Gummy with Melatonin

| | | | |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: 230803A | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 3 of 5 |
| Reported: 28Jun2023 | Started: 26Jun2023 | Received: 26Jun2023 | |


Pesticides


Test ID: T000247458

Methods: TM17

| (LC-QQ LC MS/MS) | Dynamic Range (ppb) | Result (ppb) | | Dynamic Range (ppb) | Result (ppb) | |
|---------------------|---------------------|--------------|--|---------------------|--------------|----|
| Abamectin | 308 - 2726 | ND | | Malathion | 288 - 2702 | ND |
| Acephate | 43 - 2716 | ND | | Metalaxyl | 46 - 2683 | ND |
| Acetamiprid | 42 - 2723 | ND | | Methiocarb | 42 - 2713 | ND |
| Azoxystrobin | 46 - 2669 | ND | | Methomyl | 42 - 2746 | ND |
| Bifenazate | 44 - 2667 | ND | | MGK 264 1 | 165 - 1708 | ND |
| Boscalid | 34 - 2701 | ND | | MGK 264 2 | 103 - 1089 | ND |
| Carbaryl | 39 - 2722 | ND | | Myclobutanil | 45 - 2719 | ND |
| Carbofuran | 43 - 2710 | ND | | Naled | 44 - 2717 | ND |
| Chlorantraniliprole | 43 - 2726 | ND | | Oxamyl | 41 - 2764 | ND |
| Chlorpyrifos | 39 - 2759 | ND | | Paclobutrazol | 46 - 2715 | ND |
| Clofentezine | 288 - 2741 | ND | | Permethrin | 275 - 2730 | ND |
| Diazinon | 282 - 2686 | ND | | Phosmet | 46 - 2656 | ND |
| Dichlorvos | 285 - 2755 | ND | | Prophos | 293 - 2688 | ND |
| Dimethoate | 41 - 2731 | ND | | Propoxur | 43 - 2714 | ND |
| E-Fenpyroximate | 272 - 2762 | ND | | Pyridaben | 282 - 2760 | ND |
| Etofenprox | 43 - 2725 | ND | | Spinosad A | 30 - 2076 | ND |
| Etoxazole | 278 - 2748 | ND | | Spinosad D | 58 - 670 | ND |
| Fenoxycarb | 13 - 2670 | ND | | Spiromesifen | 269 - 2733 | ND |
| Fipronil | 60 - 2716 | ND | | Spirotetramat | 284 - 2693 | ND |
| Flonicamid | 52 - 2707 | ND | | Spiroxamine 1 | 18 - 1200 | ND |
| Fludioxonil | 306 - 2679 | ND | | Spiroxamine 2 | 24 - 1504 | ND |
| Hexythiazox | 40 - 2786 | ND | | Tebuconazole | 287 - 2718 | ND |
| Imazalil | 267 - 2685 | ND | | Thiacloprid | 41 - 2710 | ND |
| Imidacloprid | 45 - 2814 | ND | | Thiamethoxam | 39 - 2741 | ND |
| Kresoxim-methyl | 45 - 2697 | ND | | Trifloxystrobin | 44 - 2705 | ND |

Final Approval


 Karen Winternheimer
 29Jun2023
 10:44:00 AM MDT
 PREPARED BY / DATE


 Sam Smith
 29Jun2023
 10:46:00 AM MDT
 APPROVED BY / DATE

30 mg CBD Sleep Gummy with Melatonin

| | | | |
|------------------------------------|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: 230803A | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 4 of 5 |
| Reported: 28Jun2023 | Started: 26Jun2023 | Received: 26Jun2023 | |

Microbial Contaminants - Colorado Compliance

Test ID: T000247459
Methods: TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel)

| | Method | LOD | Quantitation 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 | <LLOQ | |
| Total Coliforms* | TM27: Culture Plating | 10 ¹ CFU/g | 1.0x10 ² - 1.5x10 ⁴ | None Detected | |

Final Approval

| | |
|--|--|
|  Eden Thompson-Wright 29Jun2023 10:28:00 AM MDT |  Brianne Maillot 29Jun2023 03:00:00 PM MDT |
| PREPARED BY / DATE | APPROVED BY / DATE |

Heavy Metals - Colorado Compliance

Test ID: T000247460
Methods: TM19 (ICP-MS): Heavy Metals

| Metals | Dynamic Range (ppm) | Result (ppm) | Notes |
|---------|---------------------|--------------|-------|
| Arsenic | 0.03 - 3.25 | ND | |
| Cadmium | 0.05 - 4.67 | ND | |
| Mercury | 0.04 - 3.85 | ND | |
| Lead | 0.04 - 3.98 | 0.07 | |

Final Approval

| | |
|---|--|
|  Sam Smith 30Jun2023 10:19:00 AM MDT |  Karen Winternheimer 30Jun2023 10:25:00 AM MDT |
| PREPARED BY / DATE | APPROVED BY / DATE |

30 mg CBD Sleep Gummy with Melatonin

| | | | |
|---|---------------------------------------|------------------------|-------------|
| Batch ID or Lot Number: 230803A | Test, Test ID and Methods: Various | Matrix: Concentrate | Page 5 of 5 |
| Reported: 28Jun2023 | Started: 26Jun2023 | Received: 26Jun2023 | |


Mycotoxins - Colorado Compliance


Test ID: T000247462

Methods: TM18 (UHPLC-QQQ)

| LCMS/MS: Mycotoxins | Dynamic Range (ppb) | Result (ppb) | Notes |
|---------------------------------------|---------------------|--------------|-------|
| Ochratoxin A | 2.28 - 131.86 | ND | N/A |
| Aflatoxin B1 | 1.01 - 32.40 | ND | |
| Aflatoxin B2 | 1.01 - 33.51 | ND | |
| Aflatoxin G1 | 1.14 - 32.60 | ND | |
| Aflatoxin G2 | 1.14 - 33.87 | ND | |
| Total Aflatoxins (B1, B2, G1, and G2) | | ND | |

Final Approval


 Sam Smith
 03Jul2023
 08:46:00 AM MDT
 PREPARED BY / DATE


 Karen Winternheimer
 03Jul2023
 08:49:00 AM MDT
 APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uiid/a945fa85-8fb7-4fef-91d7-a0957b7366f4>

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: 10² = 100 CFU, 10³ = 1,000 CFU, 10⁴ = 10,000 CFU, 10⁵ = 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 Accredited by A2LA. Some tests listed on this COA may not be within our scope of A2LA accreditation. Please visit [A2LA for more details](#).



Cert #4329.02
 a945fa858fb74fef91d7a0957b7366f4.1


30 mg CBD Sleep Gummy with Melatonin

| | | | |
|---|---|-------------------------------|----------------------|
| Batch ID or Lot Number: 230803A | Test: Microbial Contaminants | Reported: 11Aug2023 | USDA License: N/A |
| Matrix: Finished Product | Test ID: T000251736 | Started: 08Aug2023 | Sampler ID: N/A |
| | Method(s): TM25 (qPCR) TM24, TM26, TM27 (Culture Plating): Microbial (Colorado Panel) | Received: 07Aug2023 | Status: Active |

Microbial Contaminants

| Contaminants | Method | LOD | Quantitation Range | Result | Notes |
|-----------------------|-----------------------|-------------------------|---|---------------|---|
| STEC | TM25: PCR | 10 ⁰ CFU/25g | NA | Absent | Free from visual mold, mildew, and foreign matter |
| <i>Salmonella</i> | 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



Brianne Maillot
11Aug2023
09:04:00 AM MDT

PREPARED BY / DATE



Eden Thompson-Wright
11Aug2023
09:46:00 AM MDT

APPROVED BY / DATE



<https://results.botanacor.com/api/v1/coas/uuid/50f57a64-a2ac-4dc9-abe7-124e7134d216>

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

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

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