

# CERTIFICATE OF ANALYSIS

**PRODUCT NAME:** CBD Gummies for Sleep  
**PRODUCT STRENGTH:** 30mg CBD, 3mg CBN, 1mg THC, + 3mg Melatonin / gummy  
**BATCH:** 240222A  
**BEST BY DATE: HEMP** 1/30/2026  
**EXTRACT LOT:** 240206S008

## 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 |
|---------------------------------------------|-----------------|---------------------------------------------------------------------------------------------------|------------------|-----------|
| <b>Potency - Total CBD</b>                  | HPLC-UV DAD     | *NLT 30 mg / gummy                                                                                | <b>36mg</b>      | PASS      |
| <b>Potency - D9-THC</b>                     | HPLC-UV DAD     | <0.3% (full spectrum)                                                                             | <b>1.4mg</b>     | PASS      |
| <b>Expanded Pesticide Panel</b>             | HPLC-QQQ        | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract                                    | <b>Below LOQ</b> | PASS      |
| <b>Microbial</b><br>Escherichia coli (STEC) | PCR             | Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram                                             | <b>Absent</b>    | PASS      |
| <b>Microbial</b><br>Salmonella              | PCR             | Complies with CDPHE 6 CCR 1010-21 - LOQ 1 CFU/25 gram                                             | <b>Absent</b>    | PASS      |
| <b>Microbial</b><br>Yeast and Mold          | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>2</sup> CFU/gram                                  | <b>Below LOQ</b> | PASS      |
| <b>Microbial</b><br>Total Coliforms*        | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>2</sup> CFU/gram                                  | <b>Below LOQ</b> | PASS      |
| <b>Microbial</b><br>Total Aerobic Count*    | Culture Plating | Complies with CDPHE 6 CCR 1010-21 - LOQ 10 <sup>3</sup> CFU/gram                                  | <b>Below LOQ</b> | PASS      |
| <b>Heavy Metals Panel</b>                   | ICP-MS          | Arsenic (As): ≤1.5 ppm<br>Cadmium (Cd): ≤0.5 ppm<br>Lead (Pb): ≤0.5 ppm<br>Mercury (Hg): ≤1.5 ppm | <b>Below LOQ</b> | PASS      |
| <b>Mycotoxins</b>                           | ICP-MS          | Total Aflatoxins <20 ppb†<br>Aflatoxin B1 <5 ppb<br>Ochratoxin <5 ppb                             | <b>Below LOQ</b> | PASS      |
| <b>Residual Solvents</b>                    | GC-HS-MSD       | LOQ: Complies with CDPHE 6 CCR 1010-21 Industrial Hemp Extract                                    | <b>Below LOQ</b> | PASS      |

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

Quality Certified

Name



3/7/24

Date

SAMPLE NAME: Mixed Berry Sleep Gummy- 30mg  
CBD

## SAMPLE DETAIL

Batch Number:

Sample ID: 240222A

Date Collected: 02/06/2024

Date Received: 02/06/2024

Batch Size:

Sample Size: 1.0 units

Unit Mass: 4.1352 grams per Unit

Serving Size:



Scan QR code to verify  
authenticity of results.

## CANNABINOID ANALYSIS - SUMMARY

Total THC: 1.468 mg/unit

Total CBD: 36.795 mg/unit

Sum of Cannabinoids: 44.073 mg/unit

Total Cannabinoids: 44.011 mg/unit

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

Total THC =  $\Delta^9$ -THC + (THCa (0.877))

Total CBD = CBD + (CBDa (0.877))

Sum of Cannabinoids =  $\Delta^9$ -THC + THCa + CBD + CBDa + CBG + CBGa +

THCV + THCVa + CBC + CBCa + CBDV + CBDVa +  $\Delta^8$ -THC + CBL + CBN

Total Cannabinoids = ( $\Delta^9$ -THC + 0.877\*THCa) + (CBD + 0.877\*CBDa) +

(CBG + 0.877\*CBGa) + (THCV + 0.877\*THCVa) + (CBC + 0.877\*CBCa) +

(CBDV + 0.877\*CBDVa) +  $\Delta^8$ -THC + CBL + CBN

For quality assurance purposes. Not a Regulatory Hemp Lab Test Report. These results relate only  
to the sample included on this report. This report shall not be reproduced, except in full, without written  
approval of the laboratory.

**References:** limit of detection (LOD), limit of quantification (LOQ), not detected (ND), not tested (NT),  
too numerous to count >250 cfu/plate (TNTC), colony-forming unit (cfu)



Approved by: Josh Wurzer  
Job Title: Chief Compliance Officer  
Date: 02/21/2024

Amendment to Certificate of Analysis 240206S008-003

SC Laboratories California LLC. | 100 Pioneer Street, Suite E, Santa Cruz, CA 95060 | (866) 435-0709 | sclabs.com | C8-0000013-LIC | ISO/IES 17025:2017 PJLA Accreditation Number 87168

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 **Cannabinoid Analysis**

Tested by high-performance liquid chromatography with diode-array detection (HPLC-DAD).

Method: QSP 1157 - Analysis of Cannabinoids by HPLC-DAD

**TOTAL THC: 1.468 mg/unit**

Total THC ( $\Delta^9$ -THC+0.877\*THCa)

**TOTAL CBD: 36.795 mg/unit**

Total CBD (CBD+0.877\*CBDa)

**TOTAL CANNABINOIDS: 44.011 mg/unit**

Total Cannabinoids (Total THC) + (Total CBD) + (Total CBG) + (Total THCV) + (Total CBC) + (Total CBDV) +  $\Delta^8$ -THC + CBL + CBN

**TOTAL CBG: 0.418 mg/unit**

Total CBG (CBG+0.877\*CBGa)

**TOTAL THCV: ND**

Total THCV (THCV+0.877\*THCVa)

**TOTAL CBC: 1.145 mg/unit**

Total CBC (CBC+0.877\*CBCa)

**TOTAL CBDV: 0.232 mg/unit**

Total CBDV (CBDV+0.877\*CBDVa)

 **Pesticide Analysis**

Pesticide and plant growth regulator analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS) or gas chromatography-mass spectrometry (GC-MS).

\*GC-MS utilized where indicated.

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS or QSP 1213 - Analysis of Pesticides by GC-MS

**CANNABINOID TEST RESULTS - 02/07/2024**

| COMPOUND            | LOD/LOQ (mg/g) | MEASUREMENT UNCERTAINTY (mg/g) | RESULT (mg/g) | RESULT (%) |
|---------------------|----------------|--------------------------------|---------------|------------|
| CBD                 | 0.004 / 0.011  | ±0.3278                        | 8.787         | 0.8787     |
| CBN                 | 0.001 / 0.007  | ±0.0274                        | 0.956         | 0.0956     |
| $\Delta^9$ -THC     | 0.040 / 0.280  | ±0.0195                        | 0.355         | 0.0355     |
| CBC                 | 0.003 / 0.010  | ±0.0089                        | 0.277         | 0.0277     |
| CBDa                | 0.001 / 0.026  | ±0.0036                        | 0.126         | 0.0126     |
| CBG                 | 0.002 / 0.006  | ±0.0049                        | 0.101         | 0.0101     |
| CBDV                | 0.002 / 0.012  | ±0.0023                        | 0.056         | 0.0056     |
| $\Delta^8$ -THC     | 0.01 / 0.02    | N/A                            | ND            | ND         |
| THCa                | 0.020 / 0.100  | N/A                            | ND            | ND         |
| THCV                | 0.002 / 0.012  | N/A                            | ND            | ND         |
| THCVa               | 0.002 / 0.019  | N/A                            | ND            | ND         |
| CBDVa               | 0.001 / 0.018  | N/A                            | ND            | ND         |
| CBGa                | 0.002 / 0.007  | N/A                            | ND            | ND         |
| CBL                 | 0.003 / 0.010  | N/A                            | ND            | ND         |
| CBCa                | 0.001 / 0.015  | N/A                            | ND            | ND         |
| SUM OF CANNABINOIDS |                |                                | 10.658 mg/g   | 1.0658%    |

**Unit Mass: 4.1352 grams per Unit**

|                              |                |
|------------------------------|----------------|
| $\Delta^9$ -THC per Unit     | 1.468 mg/unit  |
| Total THC per Unit           | 1.468 mg/unit  |
| CBD per Unit                 | 36.336 mg/unit |
| Total CBD per Unit           | 36.795 mg/unit |
| Sum of Cannabinoids per Unit | 44.073 mg/unit |
| Total Cannabinoids per Unit  | 44.011 mg/unit |

**PESTICIDE TEST RESULTS - 02/18/2024 ND**

| COMPOUND         | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|------------------|----------------|--------------------------------|---------------|
| Abamectin        | 0.032 / 0.097  | N/A                            | ND            |
| Acephate         | 0.006 / 0.018  | N/A                            | ND            |
| Acequinocyl      | 0.009 / 0.027  | N/A                            | ND            |
| Acetamiprid      | 0.016 / 0.049  | N/A                            | ND            |
| Aldicarb         | 0.030 / 0.090  | N/A                            | ND            |
| Allethrin        | 0.030 / 0.092  | N/A                            | ND            |
| Atrazine         | 0.006 / 0.019  | N/A                            | ND            |
| Azadirachtin     | 0.082 / 0.248  | N/A                            | ND            |
| Azoxystrobin     | 0.003 / 0.009  | N/A                            | ND            |
| Benzovindiflupyr | 0.003 / 0.009  | N/A                            | ND            |
| Bifenazate       | 0.003 / 0.009  | N/A                            | ND            |

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**Pesticide Analysis** *Continued*
**PESTICIDE TEST RESULTS - 02/18/2024** *continued ND*

| COMPOUND            | LOD/LOQ<br>(µg/g) | MEASUREMENT<br>UNCERTAINTY (µg/g) | RESULT<br>(µg/g) |
|---------------------|-------------------|-----------------------------------|------------------|
| Bifenthrin          | 0.021 / 0.064     | N/A                               | ND               |
| Boscalid            | 0.003 / 0.009     | N/A                               | ND               |
| Buprofezin          | 0.006 / 0.019     | N/A                               | ND               |
| Carbaryl            | 0.007 / 0.020     | N/A                               | ND               |
| Carbofuran          | 0.003 / 0.008     | N/A                               | ND               |
| Chlorantraniliprole | 0.006 / 0.018     | N/A                               | ND               |
| Chlorfenapyr*       | 0.005 / 0.015     | N/A                               | ND               |
| Chlorpyrifos        | 0.013 / 0.039     | N/A                               | ND               |
| Clofentezine        | 0.003 / 0.009     | N/A                               | ND               |
| Clothianidin        | 0.008 / 0.025     | N/A                               | ND               |
| Coumaphos           | 0.003 / 0.010     | N/A                               | ND               |
| Cyantraniliprole    | 0.003 / 0.010     | N/A                               | ND               |
| Cyfluthrin          | 0.052 / 0.159     | N/A                               | ND               |
| Cypermethrin        | 0.051 / 0.153     | N/A                               | ND               |
| Cyprodinil          | 0.003 / 0.008     | N/A                               | ND               |
| Daminozide          | 0.026 / 0.077     | N/A                               | ND               |
| Deltamethrin        | 0.059 / 0.180     | N/A                               | ND               |
| Diazinon            | 0.006 / 0.017     | N/A                               | ND               |
| Dichlorvos (DDVP)   | 0.012 / 0.038     | N/A                               | ND               |
| Dimethoate          | 0.003 / 0.009     | N/A                               | ND               |
| Dimethomorph        | 0.016 / 0.050     | N/A                               | ND               |
| Dinotefuran         | 0.010 / 0.030     | N/A                               | ND               |
| Diuron              | 0.013 / 0.040     | N/A                               | ND               |
| Dodemorph           | 0.012 / 0.035     | N/A                               | ND               |
| Endosulfan sulfate  | 0.016 / 0.048     | N/A                               | ND               |
| Endosulfan-α*       | 0.004 / 0.014     | N/A                               | ND               |
| Endosulfan-β*       | 0.006 / 0.019     | N/A                               | ND               |
| Ethoprophos         | 0.003 / 0.009     | N/A                               | ND               |
| Etofenprox          | 0.014 / 0.042     | N/A                               | ND               |
| Etoxazole           | 0.007 / 0.020     | N/A                               | ND               |
| Etridiazole*        | 0.002 / 0.005     | N/A                               | ND               |
| Fenhexamid          | 0.003 / 0.008     | N/A                               | ND               |
| Fenoxycarb          | 0.003 / 0.010     | N/A                               | ND               |
| Fenpyroximate       | 0.007 / 0.020     | N/A                               | ND               |
| Fensulfothion       | 0.003 / 0.010     | N/A                               | ND               |
| Fenthion            | 0.003 / 0.010     | N/A                               | ND               |
| Fenvalerate         | 0.033 / 0.099     | N/A                               | ND               |
| Fipronil            | 0.003 / 0.010     | N/A                               | ND               |
| Flonicamid          | 0.007 / 0.022     | N/A                               | ND               |
| Fludioxonil         | 0.003 / 0.010     | N/A                               | ND               |
| Fluopyram           | 0.003 / 0.009     | N/A                               | ND               |

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**Pesticide Analysis** *Continued*
**PESTICIDE TEST RESULTS - 02/18/2024** *continued ND*

| COMPOUND                 | LOD/LOQ<br>(µg/g) | MEASUREMENT<br>UNCERTAINTY (µg/g) | RESULT<br>(µg/g) |
|--------------------------|-------------------|-----------------------------------|------------------|
| Hexythiazox              | 0.003 / 0.010     | N/A                               | ND               |
| Imazalil                 | 0.003 / 0.009     | N/A                               | ND               |
| Imidacloprid             | 0.003 / 0.010     | N/A                               | ND               |
| Iprodione                | 0.077 / 0.233     | N/A                               | ND               |
| Kinoprene                | 0.077 / 0.233     | N/A                               | ND               |
| Kresoxim-methyl          | 0.006 / 0.019     | N/A                               | ND               |
| λ-Cyhalothrin            | 0.068 / 0.206     | N/A                               | ND               |
| Malathion                | 0.003 / 0.009     | N/A                               | ND               |
| Metalaxyl                | 0.003 / 0.010     | N/A                               | ND               |
| Methiocarb               | 0.003 / 0.008     | N/A                               | ND               |
| Methomyl                 | 0.008 / 0.025     | N/A                               | ND               |
| Methoprene               | 0.172 / 0.521     | N/A                               | ND               |
| Mevinphos                | 0.008 / 0.024     | N/A                               | ND               |
| MGK-264                  | 0.015 / 0.047     | N/A                               | ND               |
| Myclobutanil             | 0.003 / 0.009     | N/A                               | ND               |
| Naled                    | 0.021 / 0.064     | N/A                               | ND               |
| Novaluron                | 0.002 / 0.005     | N/A                               | ND               |
| Oxamyl                   | 0.017 / 0.051     | N/A                               | ND               |
| Paclobutrazol            | 0.003 / 0.010     | N/A                               | ND               |
| Parathion-methyl         | 0.016 / 0.050     | N/A                               | ND               |
| Pentachloronitrobenzene* | 0.004 / 0.012     | N/A                               | ND               |
| Permethrin               | 0.056 / 0.168     | N/A                               | ND               |
| Phenothrin               | 0.016 / 0.047     | N/A                               | ND               |
| Phosmet                  | 0.007 / 0.020     | N/A                               | ND               |
| Piperonyl Butoxide       | 0.010 / 0.029     | N/A                               | ND               |
| Pirimicarb               | 0.003 / 0.009     | N/A                               | ND               |
| Prallethrin              | 0.015 / 0.046     | N/A                               | ND               |
| Propiconazole            | 0.027 / 0.080     | N/A                               | ND               |
| Propoxur                 | 0.003 / 0.008     | N/A                               | ND               |
| Pyraclostrobin           | 0.003 / 0.010     | N/A                               | ND               |
| Pyrethrins               | 0.016 / 0.049     | N/A                               | ND               |
| Pyridaben                | 0.005 / 0.017     | N/A                               | ND               |
| Pyriproxyfen             | 0.003 / 0.009     | N/A                               | ND               |
| Resmethrin               | 0.013 / 0.039     | N/A                               | ND               |
| Spinetoram               | 0.003 / 0.010     | N/A                               | ND               |
| Spinosad                 | 0.003 / 0.010     | N/A                               | ND               |
| Spirodiclofen            | 0.031 / 0.093     | N/A                               | ND               |
| Spiromesifen             | 0.016 / 0.050     | N/A                               | ND               |
| Spirotetramat            | 0.003 / 0.010     | N/A                               | ND               |
| Spiroxamine              | 0.020 / 0.062     | N/A                               | ND               |
| Tebuconazole             | 0.003 / 0.010     | N/A                               | ND               |

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Pesticide Analysis *Continued*

PESTICIDE TEST RESULTS - 02/18/2024 *continued ND*

| COMPOUND           | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|--------------------|----------------|--------------------------------|---------------|
| Tebufenozide       | 0.003 / 0.008  | N/A                            | ND            |
| Teflubenzuron      | 0.007 / 0.022  | N/A                            | ND            |
| Tetrachlorvinphos  | 0.003 / 0.008  | N/A                            | ND            |
| Tetramethrin       | 0.021 / 0.063  | N/A                            | ND            |
| Thiabendazole      | 0.006 / 0.020  | N/A                            | ND            |
| Thiacloprid        | 0.003 / 0.009  | N/A                            | ND            |
| Thiamethoxam       | 0.003 / 0.010  | N/A                            | ND            |
| Thiophanate-methyl | 0.013 / 0.040  | N/A                            | ND            |
| Trifloxystrobin    | 0.003 / 0.009  | N/A                            | ND            |



Mycotoxin Analysis

Mycotoxin analysis utilizing high-performance liquid chromatography-mass spectrometry (HPLC-MS).

Method: QSP 1212 - Analysis of Pesticides and Mycotoxins by LC-MS

MYCOTOXIN TEST RESULTS - 02/18/2024 ND

| COMPOUND        | LOD/LOQ (µg/kg) | MEASUREMENT UNCERTAINTY (µg/kg) | RESULT (µg/kg) |
|-----------------|-----------------|---------------------------------|----------------|
| Aflatoxin B1    | 1.6 / 5.0       | N/A                             | ND             |
| Aflatoxin B2    | 1.4 / 4.1       | N/A                             | ND             |
| Aflatoxin G1    | 1.6 / 4.9       | N/A                             | ND             |
| Aflatoxin G2    | 1.6 / 5.0       | N/A                             | ND             |
| Total Aflatoxin |                 |                                 | ND             |
| Ochratoxin A    | 1.6 / 5.0       | N/A                             | ND             |



Residual Solvents Analysis

Residual Solvent analysis utilizing gas chromatography-mass spectrometry (GC-MS).

Method: QSP 1204 - Analysis of Residual Solvents by GC-MS

Total Butanes – n-Butane + 2-Methylpropane (Isobutane)  
Total Heptanes – 2,2-Dimethylpentane (Neoheptane) + 2,3-Dimethylpentane + 2,4-Dimethylpentane + 3,3-Dimethylpentane + 2,2,3-Trimethylbutane (Triptane) + 2-Methylhexane (Isoheptane) + 3-Methylhexane + 3-Ethylpentane + n-Heptane  
Total Xylenes – 1,2-Dimethylbenzene (o-Xylene) + 1,3-Dimethylbenzene (m-Xylene) / 1,4-Dimethylbenzene (p-Xylene)

RESIDUAL SOLVENTS TEST RESULTS - 02/19/2024

| COMPOUND                         | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|----------------------------------|----------------|--------------------------------|---------------|
| Propane                          | 0.234 / 0.781  | N/A                            | ND            |
| 2-Methylpropane (Isobutane)      | 0.052 / 0.173  | N/A                            | ND            |
| n-Butane                         | 0.019 / 0.063  | N/A                            | ND            |
| Total Butanes                    |                |                                | ND            |
| n-Pentane                        | 0.310 / 1.033  | N/A                            | ND            |
| n-Hexane                         | 0.110 / 0.366  | N/A                            | ND            |
| 2,2-Dimethylpentane (Neoheptane) | 0.493 / 1.642  | N/A                            | ND            |
| 2,3-Dimethylpentane              | 1.009 / 3.365  | N/A                            | ND            |
| 2,4-Dimethylpentane              | 0.737 / 2.458  | N/A                            | ND            |
| 3,3-Dimethylpentane              | 0.198 / 0.660  | N/A                            | ND            |
| 2,2,3-Trimethylbutane (Triptane) | 0.521 / 1.738  | N/A                            | ND            |
| 2-Methylhexane (Isoheptane)      | 0.610 / 2.034  | N/A                            | ND            |
| 3-Methylhexane                   | 0.235 / 0.785  | N/A                            | ND            |
| 3-Ethylpentane                   | 0.304 / 1.012  | N/A                            | ND            |

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 **Residual Solvents Analysis**  
Continued

RESIDUAL SOLVENTS TEST RESULTS - 02/19/2024

| COMPOUND                                  | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|-------------------------------------------|----------------|--------------------------------|---------------|
| n-Heptane                                 | 13.12 / 43.72  | N/A                            | ND            |
| Total Heptanes                            |                |                                | ND            |
| Benzene                                   | 0.089 / 0.295  | N/A                            | ND            |
| Toluene                                   | 0.115 / 0.382  | N/A                            | ND            |
| 1,3-Dimethylbenzene / 1,4-Dimethylbenzene | 0.451 / 1.502  | N/A                            | ND            |
| 1,2-Dimethylbenzene (o-Xylene)            | 0.387 / 1.289  | N/A                            | ND            |
| Total Xylenes                             |                |                                | ND            |
| Methanol                                  | 53.92 / 163.4  | N/A                            | <LOQ          |
| Ethanol                                   | 8.984 / 27.23  | N/A                            | <LOQ          |
| 2-Propanol (Isopropyl Alcohol)            | 8.421 / 25.52  | N/A                            | <LOQ          |
| Acetone                                   | 10.59 / 32.08  | N/A                            | ND            |
| Ethyl Acetate                             | 1.123 / 3.745  | ±0.3626                        | 24.338        |

 **Heavy Metals Analysis**

Heavy metal analysis utilizing inductively coupled plasma-mass spectrometry (ICP-MS).

Method: QSP 1160 - Analysis of Heavy Metals by ICP-MS

HEAVY METALS TEST RESULTS - 02/18/2024 ND

| COMPOUND | LOD/LOQ (µg/g) | MEASUREMENT UNCERTAINTY (µg/g) | RESULT (µg/g) |
|----------|----------------|--------------------------------|---------------|
| Arsenic  | 0.02 / 0.1     | N/A                            | ND            |
| Cadmium  | 0.02 / 0.05    | N/A                            | ND            |
| Lead     | 0.04 / 0.1     | N/A                            | ND            |
| Mercury  | 0.002 / 0.01   | N/A                            | ND            |

 **Microbiology Analysis**  
PCR AND PLATING

Analysis conducted by polymerase chain reaction (PCR) and fluorescence detection of microbiological contaminants.

Method: QSP 1221 - Analysis of Microbiological Contaminants

MICROBIOLOGY TEST RESULTS (PCR) - 02/20/2024 ND

| COMPOUND                                      | RESULT |
|-----------------------------------------------|--------|
| Shiga toxin-producing <i>Escherichia coli</i> | ND     |
| <i>Salmonella</i> spp.                        | ND     |

Analysis conducted by 3M™ Petrifilm™ and plate counts of microbiological contaminants.

Method: QSP 6794 - Plating with 3M™ Petrifilm™

MICROBIOLOGY TEST RESULTS (PLATING) - 02/20/2024 ND

| COMPOUND               | RESULT (cfu/g) |
|------------------------|----------------|
| Total Aerobic Bacteria | ND             |
| Total Yeast and Mold   | ND             |
| Coliforms              | ND             |

**Mixed Berry Sleep Gummy- 30mg CBD**

|                                           |                                                                                             |                               |                      |
|-------------------------------------------|---------------------------------------------------------------------------------------------|-------------------------------|----------------------|
| Batch ID or Lot Number:<br><b>240222A</b> | Test:<br><b>Microbial Contaminants</b>                                                      | Reported:<br><b>26Feb2024</b> | USDA License:<br>N/A |
| Matrix:<br>Finished Product               | Test ID:<br>T000272219                                                                      | Started:<br>23Feb2024         | Sampler ID:<br>N/A   |
|                                           | Method(s):<br>TM25 (qPCR) TM24, TM26, TM27<br>(Culture Plating): Microbial (Colorado Panel) | Received:<br>23Feb2024        | Status:<br>Active    |

**Microbial**

| Contaminants          | 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**Brett Hudson  
26Feb2024  
04:12:00 PM MSTBrianne Maillot  
26Feb2024  
04:31:00 PM MST

PREPARED BY / DATE

APPROVED BY / DATE

<https://results.botanacor.com/api/v1/coas/uuid/836df006-1383-470d-a95f-3e058db3cae1>**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: 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  
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 A2LA Cert #: 4329.02 Chemical; 4329.03 Biological.



Cert #4329.02

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