



# Certificate of Analysis for

Balanced Health Botanicals

1500 W Hampden Ave, Unit 5G

Sheridan, CO 80110

Received: 10/8/2024 @ 22.6 °C

Report ID: 2410337

**Sample ID:** 2410337-001 4242810 - shhh Sound Sleep 50mg CBN Isolate Gummies (Beg)

**CBD.1: Cannabinoids via MBL-HPLC2 Analyzed 10/18/24**

|                                                |          |      |                               |          |      |
|------------------------------------------------|----------|------|-------------------------------|----------|------|
| Cannabichromene (CBC)                          | < 0.200  | mg/g | Cannabicitran (CBT)           | < 0.200  | mg/g |
| Cannabidiol (CBD)                              | < 0.100  | mg/g | Cannabidiolic Acid (CBDA)     | 0.103    | mg/g |
| Cannabidivarin (CBDV)                          | < 0.100  | mg/g | Cannabigerol (CBG)            | < 0.100  | mg/g |
| Cannabinol (CBN)                               | 19.6     | mg/g | Delta - 9 THC (THC)           | < 0.100  | mg/g |
| Delta 9 - Tetrahydrocannabinolic Acid (THCA-A) | < 0.100  | mg/g | Potential CBD                 | < 0.0100 | %    |
| Potential THC                                  | < 0.0100 | %    | Tetrahydrocannabivarin (THCV) | < 0.100  | mg/g |

**Sample ID:** 2410337-002 4242810 - shhh Sound Sleep 50mg CBN Isolate Gummies (Mid)

**CBD.1: Cannabinoids via MBL-HPLC2 Analyzed 10/18/24**

|                                                |          |      |                               |          |      |
|------------------------------------------------|----------|------|-------------------------------|----------|------|
| Cannabichromene (CBC)                          | < 0.200  | mg/g | Cannabicitran (CBT)           | < 0.200  | mg/g |
| Cannabidiol (CBD)                              | < 0.100  | mg/g | Cannabidiolic Acid (CBDA)     | 0.101    | mg/g |
| Cannabidivarin (CBDV)                          | < 0.100  | mg/g | Cannabigerol (CBG)            | < 0.100  | mg/g |
| Cannabinol (CBN)                               | 19.2     | mg/g | Delta - 9 THC (THC)           | < 0.100  | mg/g |
| Delta 9 - Tetrahydrocannabinolic Acid (THCA-A) | < 0.100  | mg/g | Potential CBD                 | < 0.0100 | %    |
| Potential THC                                  | < 0.0100 | %    | Tetrahydrocannabivarin (THCV) | < 0.100  | mg/g |

**Sample ID:** 2410337-003 4242810 - shhh Sound Sleep 50mg CBN Isolate Gummies (End)

**CBD.1: Cannabinoids via MBL-HPLC2 Analyzed 10/18/24**

|                                                |          |      |                               |          |      |
|------------------------------------------------|----------|------|-------------------------------|----------|------|
| Cannabichromene (CBC)                          | < 0.200  | mg/g | Cannabicitran (CBT)           | < 0.200  | mg/g |
| Cannabidiol (CBD)                              | < 0.100  | mg/g | Cannabidiolic Acid (CBDA)     | 0.106    | mg/g |
| Cannabidivarin (CBDV)                          | < 0.100  | mg/g | Cannabigerol (CBG)            | < 0.100  | mg/g |
| Cannabinol (CBN)                               | 19.6     | mg/g | Delta - 9 THC (THC)           | < 0.100  | mg/g |
| Delta 9 - Tetrahydrocannabinolic Acid (THCA-A) | < 0.100  | mg/g | Potential CBD                 | < 0.0100 | %    |
| Potential THC                                  | < 0.0100 | %    | Tetrahydrocannabivarin (THCV) | < 0.100  | mg/g |

**Reported By:**

Jake S Hedges, Chemistry Laboratory Technician, 10/18/2024

## LIMITS OF QUANTITATION

### Residual Solvents: ResSolv.2

| Analyte                        | LoQ       |
|--------------------------------|-----------|
| (+/-)-2-Butanol                | < 10 ppm  |
| 1,1-Dichloroethene             | < 5 ppm   |
| 1,2-Dichloroethane             | < 2 ppm   |
| 1,4-Dioxane                    | < 25 ppm  |
| 2,2-Dimethylbutane             | < 25 ppm  |
| 2,3-Dimethylbutane             | < 25 ppm  |
| 2-Ethoxyethanol                | < 75 ppm  |
| 2-Methylbutane<br>(Isopentane) | < 75 ppm  |
| 2-Methylpentane                | < 25 ppm  |
| 2-Propanol                     | < 50 ppm  |
| 3-Methylpentane                | < 25 ppm  |
| Acetone                        | < 50 ppm  |
| Acetonitrile                   | < 50 ppm  |
| Benzene                        | < 1 ppm   |
| Chloroform                     | < 10 ppm  |
| Cumene                         | < 100 ppm |
| Cyclohexane                    | < 50 ppm  |
| Diethyl ether                  | < 50 ppm  |
| Ethanol                        | < 50 ppm  |
| Nitromethane                   | < 25 ppm  |
| 1,2-Dimethoxyethane            | < 10 ppm  |
| Pyridine                       | < 10 ppm  |
| 2-Methoxyethanol               | < 50 ppm  |
| Formamide                      | < 50 ppm  |
| N,N-Dimethylacetamide          | < 100 ppm |
| Ethyl Ether                    | < 100 ppm |
| Methyl Acetate                 | < 100 ppm |
| Tert-Butylmethyl Ether         | < 50 ppm  |
| Methylethyl Ketone             | < 50 ppm  |
| Methylbutyl Ketone             | < 25 ppm  |
| Methylisobutyl Ketone          | < 100 ppm |

| Analyte               | LoQ       |
|-----------------------|-----------|
| Ethyl Acetate         | < 50 ppm  |
| Ethyl benzene         | < 25 ppm  |
| Ethylene Glycol       | < 100 ppm |
| Ethylene Oxide        | < 50 ppm  |
| Heptane               | < 50 ppm  |
| Hexane                | < 10 ppm  |
| Isobutane             | < 100 ppm |
| Isopropyl acetate     | < 10 ppm  |
| Methanol              | < 50 ppm  |
| Methylene Chloride    | < 50 ppm  |
| N,N-Dimethylformamide | < 10 ppm  |
| n-Butane              | < 100 ppm |
| Neopentane            | < 100 ppm |
| Pentane               | < 50 ppm  |
| Propane               | < 100 ppm |
| Tetrahydrofuran       | < 10 ppm  |
| Toluene               | < 50 ppm  |
| Trichloroethene       | < 50 ppm  |
| Xylenes (p-, m-, o-)  | < 50 ppm  |
| 1-Propanol            | < 100 ppm |
| 2-Methyl-1-Propanol   | < 100 ppm |
| 1-Butanol             | < 50 ppm  |
| Propyl Acetate        | < 50 ppm  |
| 3-Methyl-1-Butanol    | < 100 ppm |
| Isobutyl Acetate      | < 50 ppm  |
| 1-Pentanol            | < 100 ppm |
| Butyl Acetate         | < 50 ppm  |
| Anisole               | < 50 ppm  |
| N-Methylpyrrolidone   | < 50 ppm  |
| Tetralin              | < 10 ppm  |
| Sulfolane             | < 10 ppm  |

**Pesticides: Pest.1**

| Analyte                | LoQ         |
|------------------------|-------------|
| Abamectin (B1a + B1b)  | < 0.050 ppm |
| Acephate               | < 0.025 ppm |
| Acequinocyl            | < 0.010 ppm |
| Acetamiprid            | < 0.010 ppm |
| Aldicarb               | < 0.010 ppm |
| Azoxystrobin           | < 0.010 ppm |
| Bifenazate             | < 0.050 ppm |
| Bifenthrin             | < 0.010 ppm |
| Boscalid               | < 0.050 ppm |
| Carbaryl               | < 0.025 ppm |
| Carbofuran             | < 0.025 ppm |
| Chlorantraniliprole    | < 0.025 ppm |
| Chlorfenapyr           | < 0.100 ppm |
| Chlorpyrifos           | < 0.010 ppm |
| Clofentezine           | < 0.010 ppm |
| Coumaphos              | < 0.010 ppm |
| Cyfluthrin (Baythroid) | < 0.050 ppm |
| Cypermethrin           | < 0.050 ppm |
| Daminozide             | < 0.025 ppm |
| Diazinon               | < 0.010 ppm |
| Dibrom (Naled)         | < 0.050 ppm |
| Dichlorvos             | < 0.050 ppm |
| Dimethoate             | < 0.025 ppm |
| Dimethomorph           | < 0.025 ppm |
| Ethofenprox            | < 0.010 ppm |
| Ethoprophos (Prophos)  | < 0.025 ppm |
| Etoazole               | < 0.025 ppm |
| Fenhexamid             | < 0.050 ppm |
| Fenoxycarb             | < 0.010 ppm |
| Fenpyroximate          | < 0.025 ppm |
| Fipronil               | < 0.010 ppm |
| Flonicamid             | < 0.025 ppm |

| Analyte                 | LoQ         |
|-------------------------|-------------|
| Fludioxonil             | < 0.025 ppm |
| Hexythiazox             | < 0.010 ppm |
| Imazalil                | < 0.050 ppm |
| Imidacloprid            | < 0.010 ppm |
| Kresoxim Methyl         | < 0.010 ppm |
| Malathion               | < 0.100 ppm |
| Metalaxyl               | < 0.025 ppm |
| Methiocarb              | < 0.050 ppm |
| Methomyl                | < 0.025 ppm |
| Oxamyl                  | < 0.010 ppm |
| Paclobutrazol           | < 0.025 ppm |
| Permethrins             | < 0.010 ppm |
| Phosdrin (Mevinphos)    | < 0.050 ppm |
| Phosmet                 | < 0.010 ppm |
| Piperonyl Butoxide      | < 0.010 ppm |
| Prallethrin             | < 0.025 ppm |
| Propiconazol            | < 0.025 ppm |
| Propoxur                | < 0.025 ppm |
| Pyrethrins              | < 0.050 ppm |
| Pyridaben               | < 0.010 ppm |
| Spinetoram              | < 0.025 ppm |
| Spinosad A              | < 0.010 ppm |
| Spinosad D              | < 0.050 ppm |
| Spiromesifen            | < 0.025 ppm |
| Spirotetramat           | < 0.025 ppm |
| Spiroxamine             | < 0.025 ppm |
| Systhane (Myclobutanil) | < 0.050 ppm |
| Tebuconazol (Folicur)   | < 0.025 ppm |
| Thiacloprid             | < 0.025 ppm |
| Thiamethoxam            | < 0.025 ppm |
| Trifloxystrobin         | < 0.010 ppm |
|                         |             |

**Heavy Metals: ICPMS.1**

| Analyte | LoQ         |
|---------|-------------|
| Arsenic | < 0.020 ppm |
| Cadmium | < 0.010 ppm |
| Mercury | < 0.005 ppm |
| Lead    | < 0.005 ppm |

**Mycotoxins: Myco.1**

| Analyte      | LoQ         |
|--------------|-------------|
| Aflatoxin B1 | < 0.010 ppm |
| Aflatoxin B2 | < 0.010 ppm |
| Aflatoxin G1 | < 0.010 ppm |
| Aflatoxin G2 | < 0.010 ppm |
| Ochratoxin A | < 0.020 ppm |



### Cannabinoids: CBD.1

| Analyte            | LoQ          |
|--------------------|--------------|
| Cannabichromene    | < 0.200 mg/g |
| Cannabicitran      | < 0.200 mg/g |
| Cannabidiol        | < 0.100 mg/g |
| Cannabidiolic Acid | < 0.100 mg/g |
| Cannabidivarin     | < 0.100 mg/g |

| Analyte                | LoQ          |
|------------------------|--------------|
| Cannabigerol           | < 0.100 mg/g |
| Cannabinol             | < 0.100 mg/g |
| Delta - 9 THC          | < 0.0100 %   |
| Delta 9 - THCA         | < 0.0100 %   |
| Tetrahydrocannabivarin | < 0.100 mg/g |

### Microbials: APC.1a, EC.1a, TC.1a, Y&M.1a, STEC.1.a, Salm.1a, LMono.2

| Analyte          | LoQ        |
|------------------|------------|
| APC              | < 10 CFU/g |
| Coliform/E. coli | < 10 CFU/g |
| Yeast/Mold       | < 10 CFU/g |

| Analyte          | LoQ             |
|------------------|-----------------|
| Salmonella       | Negative in 25g |
| STEC             | Negative in 25g |
| L. monocytogenes | Negative in 10g |