



# Certificate of Analysis for

Balanced Health Botanicals

1500 W Hampden Ave, Unit 5G

Sheridan, CO 80110

CDPHE: SHH2555

5252540 - Oooh Distilled CBD Relief Stick - 1000mg Isolate Matrix: Topical Product



Received: 9/18/2025 @ 20.5 °C

Sample ID: 2509941-001

| Analysis           | Result | LOQ | LOD | Units   | Analyzed  | Analysis              | Result | LOQ | LOD | Units   | Analyzed  |
|--------------------|--------|-----|-----|---------|-----------|-----------------------|--------|-----|-----|---------|-----------|
| Aspergillus flavus | Absent | 1   | 1   | CFU/1 g | 9/23/2025 | Aspergillus fumigatus | Absent | 1   | 1   | CFU/1 g | 9/23/2025 |
| Aspergillus niger  | Absent | 1   | 1   | CFU/1 g | 9/23/2025 | Aspergillus terreus   | Absent | 1   | 1   | CFU/1 g | 9/23/2025 |

Method: Aspergillus via AOAC PTM 022103 (Gene-Up® PCR)

| Analysis       | Result | LOQ   | LOD    | Units | Analyzed                 | Analysis                                           | Result | LOQ | LOD | Units | Analyzed |
|----------------|--------|-------|--------|-------|--------------------------|----------------------------------------------------|--------|-----|-----|-------|----------|
| Water Activity | 0.260  | 0.100 | 0.0500 | aW    | 9/19/2025<br>10:52:00 AM | Method: aW via AquaLab Tunable Diode Laser Methods |        |     |     |       |          |

| Analysis                                       | Result | LOQ     | LOD     | Units | Analyzed  | Analysis                      | Result | LOQ     | LOD     | Units | Analyzed  |
|------------------------------------------------|--------|---------|---------|-------|-----------|-------------------------------|--------|---------|---------|-------|-----------|
| Cannabichromene (CBC)                          | <LOD   | 0.00740 | 0.00370 | mg/g  | 9/22/2025 | Cannabicitran (CBT)           | <LOD   | 0.00740 | 0.00370 | mg/g  | 9/22/2025 |
| Cannabidiol (CBD)                              | 14.6   | 0.00740 | 0.00370 | mg/g  | 9/22/2025 | Cannabidiolic Acid (CBDA)     | <LOD   | 0.00740 | 0.00370 | mg/g  | 9/22/2025 |
| Cannabidivarin (CBDV)                          | <LOD   | 0.00740 | 0.00370 | mg/g  | 9/22/2025 | Cannabigerol (CBG)            | 0.432  | 0.00740 | 0.00370 | mg/g  | 9/22/2025 |
| Cannabinol (CBN)                               | <LOD   | 0.00740 | 0.00370 | mg/g  | 9/22/2025 | Delta - 9 THC (THC)           | <LOD   | 0.00740 | 0.00370 | mg/g  | 9/22/2025 |
| Delta 9 - Tetrahydrocannabinolic Acid (THCA-A) | <LOD   | 0.00740 | 0.00370 | mg/g  | 9/22/2025 | Potential CBD                 | 1.46   | NA      | NA      | %     | 9/22/2025 |
| Potential THC                                  | <LOD   | NA      | NA      | %     | 9/22/2025 | Tetrahydrocannabivarin (THCV) | <LOD   | 0.00740 | 0.00370 | mg/g  | 9/22/2025 |

Method: Cannabinoids via MBL-HPLC2

| Analysis         | Result | LOQ | LOD | Units | Analyzed  | Analysis                                            | Result | LOQ | LOD | Units | Analyzed |
|------------------|--------|-----|-----|-------|-----------|-----------------------------------------------------|--------|-----|-----|-------|----------|
| Escherichia coli | <LOD   | 10  | 10  | CFU/g | 9/23/2025 | Method: EC by mass via AOAC OM 2018.13 (Petrifilm™) |        |     |     |       |          |

| Analysis            | Result | LOQ | LOD | Units | Analyzed  | Analysis                                                         | Result | LOQ | LOD | Units | Analyzed |
|---------------------|--------|-----|-----|-------|-----------|------------------------------------------------------------------|--------|-----|-----|-------|----------|
| Aerobic Plate Count | <LOD   | 10  | 10  | CFU/g | 9/23/2025 | Method: AC by mass via AOAC 2015.13 (Petrifilm™) CDPHE Compliant |        |     |     |       |          |

| Analysis                | Result | LOQ | LOD | Units | Analyzed  | Analysis                                                            | Result | LOQ | LOD | Units | Analyzed |
|-------------------------|--------|-----|-----|-------|-----------|---------------------------------------------------------------------|--------|-----|-----|-------|----------|
| Total Coliform Bacteria | <LOD   | 10  | 10  | CFU/g | 9/23/2025 | Method: CC by mass via AOAC OM 2018.13 (Petrifilm™) CDPHE Compliant |        |     |     |       |          |

| Analysis        | Result | LOQ | LOD | Units    | Analyzed  | Analysis                            | Result | LOQ | LOD | Units    | Analyzed  |
|-----------------|--------|-----|-----|----------|-----------|-------------------------------------|--------|-----|-----|----------|-----------|
| Salmonella spp. | Absent | 1   | 1   | CFU/25 g | 9/23/2025 | Shiga toxin-producing E. coli (stx) | Absent | 1   | 1   | CFU/25 g | 9/23/2025 |

Method: STEC Salmonella via AOAC PTM 092101 CDPHE Compliant

| Analysis     | Result | LOQ     | LOD     | Units       | Analyzed  | Analysis     | Result | LOQ     | LOD     | Units       | Analyzed  |
|--------------|--------|---------|---------|-------------|-----------|--------------|--------|---------|---------|-------------|-----------|
| Arsenic (As) | <LOD   | 0.0200  | 0.00510 | mg/kg (ppm) | 9/23/2025 | Cadmium (Cd) | <LOD   | 0.0100  | 0.00510 | mg/kg (ppm) | 9/23/2025 |
| Lead (Pb)    | <LOD   | 0.00500 | 0.00170 | mg/kg (ppm) | 9/23/2025 | Mercury (Hg) | <LOD   | 0.00500 | 0.00180 | mg/kg (ppm) | 9/23/2025 |

Method: Metals via ICP-MS (AOAC SMPR® 2020.001) CDPHE Compliant

| Analysis       | Result | LOQ | LOD | Units | Analyzed  | Analysis                                                           | Result | LOQ | LOD | Units | Analyzed |
|----------------|--------|-----|-----|-------|-----------|--------------------------------------------------------------------|--------|-----|-----|-------|----------|
| Yeast and Mold | <LOD   | 10  | 10  | CFU/g | 9/23/2025 | Method: YM by mass via AOAC RI 121301 (Petrifilm™) CDPHE Compliant |        |     |     |       |          |

| Analysis     | Result | LOQ  | LOD  | Units       | Analyzed  | Analysis                    | Result | LOQ  | LOD  | Units       | Analyzed  |
|--------------|--------|------|------|-------------|-----------|-----------------------------|--------|------|------|-------------|-----------|
| Aflatoxin B1 | <LOD   | 10.0 | 2.50 | µg/kg (ppb) | 9/19/2025 | Aflatoxin B2                | <LOD   | 10.0 | 2.50 | µg/kg (ppb) | 9/19/2025 |
| Aflatoxin G1 | <LOD   | 10.0 | 2.50 | µg/kg (ppb) | 9/19/2025 | Aflatoxin G2                | <LOD   | 10.0 | 2.50 | µg/kg (ppb) | 9/19/2025 |
| Ochratoxin A | <LOD   | 20.0 | 5.00 | µg/kg (ppb) | 9/19/2025 | Method: Mycotoxins by LC-MS |        |      |      |             |           |



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Received: 9/18/2025 @ 20.5 °C

Sample ID: 2509941-001

| Analysis                | Result | LOQ  | LOD  | Units       | Analyzed  | Analysis              | Result | LOQ  | LOD  | Units       | Analyzed  |
|-------------------------|--------|------|------|-------------|-----------|-----------------------|--------|------|------|-------------|-----------|
| Abamectin (B1a + B1b)   | <LOD   | 25.0 | 10.0 | µg/kg (ppb) | 9/19/2025 | Acephate              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Acequinocyl             | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Acetamiprid           | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Aldicarb                | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Azoxystrobin          | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Bifenazate              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Bifenthrin            | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Boscalid                | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Carbaryl              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Carbofuran              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Chlorantraniliprole   | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Chlorfenapyr            | <LOD   | 50.0 | 20.0 | µg/kg (ppb) | 9/19/2025 | Chlorpyrifos          | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Clofentezine            | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Coumaphos             | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Cyfluthrin (Baythroid)  | <LOD   | 50.0 | 20.0 | µg/kg (ppb) | 9/19/2025 | Cypermethrin          | <LOD   | 25.0 | 10.0 | µg/kg (ppb) | 9/19/2025 |
| Daminozide              | <LOD   | 25.0 | 10.0 | µg/kg (ppb) | 9/19/2025 | Diazinon              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Dibrom (Naled)          | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Dichlorvos            | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Dimethoate              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Dimethomorph          | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Ethofenprox             | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Ethoprophos (Prophos) | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Etoxazole               | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Fenhexamid            | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Fenoxycarb              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Fenpyroximate         | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Fipronil                | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Flonicamid            | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Fludioxonil             | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Hexythiazox           | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Imazalil                | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Imidacloprid          | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Kresoxim Methyl         | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Malathion             | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Metalaxyl               | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Methiocarb            | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Methomyl                | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Oxamyl                | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Paclobutrazol           | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Permethrins           | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Phosdrin (Mevinphos)    | <LOD   | 50.0 | 10.0 | µg/kg (ppb) | 9/19/2025 | Phosmet               | <LOD   | 25.0 | 2.50 | µg/kg (ppb) | 9/19/2025 |
| Piperonyl Butoxide      | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Prallethrin           | <LOD   | 25.0 | 10.0 | µg/kg (ppb) | 9/19/2025 |
| Propiconazol            | <LOD   | 20.0 | 5.00 | µg/kg (ppb) | 9/19/2025 | Propoxur              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Pyrethrins              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Pyridaben             | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Spinetoram              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Spinosad A            | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Spinosad D              | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Spiromesifen          | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Spirotetramat           | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Spiroxamine           | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Systhane (Myclobutanil) | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Tebuconazol (Folicur) | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Thiacloprid             | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 | Thiamethoxam          | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |
| Trifloxystrobin         | <LOD   | 10.0 | 3.33 | µg/kg (ppb) | 9/19/2025 |                       |        |      |      |             |           |

**Method: Pesticides by LC/MS/MS (Agilent App - Determination of Pesticides and Mycotoxins)**





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| Analysis               | Result | LOQ  | LOD   | Units       | Analyzed  | Analysis                    | Result | LOQ   | LOD   | Units       | Analyzed  |
|------------------------|--------|------|-------|-------------|-----------|-----------------------------|--------|-------|-------|-------------|-----------|
| (+/-)-2-Butanol        | <LOD   | 10.0 | 2.50  | mg/kg (ppm) | 9/19/2025 | 1,1-Dichloroethene          | <LOD   | 5.00  | 1.00  | mg/kg (ppm) | 9/19/2025 |
| 1,2-Dichloroethane     | <LOD   | 1.00 | 0.500 | mg/kg (ppm) | 9/19/2025 | 1,2-Dimethoxyethane         | <LOD   | 10.0  | 2.50  | mg/kg (ppm) | 9/19/2025 |
| 1,4-Dioxane            | <LOD   | 25.0 | 5.00  | mg/kg (ppm) | 9/19/2025 | 1-Butanol                   | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| 1-Pentanol             | <LOD   | 100  | 25.0  | mg/kg (ppm) | 9/19/2025 | 1-Propanol                  | <LOD   | 100   | 25.0  | mg/kg (ppm) | 9/19/2025 |
| 2,2-Dimethylbutane     | <LOD   | 25.0 | 5.00  | mg/kg (ppm) | 9/19/2025 | 2,3-Dimethylbutane          | <LOD   | 25.0  | 5.00  | mg/kg (ppm) | 9/19/2025 |
| 2-Ethoxyethanol        | <LOD   | 25.0 | 5.00  | mg/kg (ppm) | 9/19/2025 | 2-Methoxyethanol            | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| 2-Methyl-1-propanol    | <LOD   | 100  | 25.0  | mg/kg (ppm) | 9/19/2025 | 2-Methylbutane (Isopentane) | <LOD   | 75.0  | 15.0  | mg/kg (ppm) | 9/19/2025 |
| 2-Methylpentane        | <LOD   | 25.0 | 5.00  | mg/kg (ppm) | 9/19/2025 | 2-Propanol                  | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| 3-Methyl-1-Butanol     | <LOD   | 100  | 25.0  | mg/kg (ppm) | 9/19/2025 | 3-Methylpentane             | <LOD   | 25.0  | 5.00  | mg/kg (ppm) | 9/19/2025 |
| Acetone                | <LOD   | 50.0 | 10.0  | mg/kg (ppm) | 9/19/2025 | Acetonitrile                | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| Anisole                | <LOD   | 50.0 | 10.0  | mg/kg (ppm) | 9/19/2025 | Benzene                     | <LOD   | 0.500 | 0.250 | mg/kg (ppm) | 9/19/2025 |
| Butyl Acetate          | <LOD   | 50.0 | 10.0  | mg/kg (ppm) | 9/19/2025 | Chloroform                  | <LOD   | 1.00  | 0.500 | mg/kg (ppm) | 9/19/2025 |
| Cumene                 | <LOD   | 70.0 | 25.0  | mg/kg (ppm) | 9/19/2025 | Cyclohexane                 | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| Diethyl ether          | <LOD   | 50.0 | 10.0  | mg/kg (ppm) | 9/19/2025 | Ethanol                     | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| Ethyl Acetate          | <LOD   | 50.0 | 10.0  | mg/kg (ppm) | 9/19/2025 | Ethyl benzene               | <LOD   | 25.0  | 5.00  | mg/kg (ppm) | 9/19/2025 |
| Ethyl Ether            | <LOD   | 100  | 25.0  | mg/kg (ppm) | 9/19/2025 | Ethylene Glycol             | <LOD   | 100   | 25.0  | mg/kg (ppm) | 9/19/2025 |
| Ethylene Oxide         | <LOD   | 1.00 | 0.500 | mg/kg (ppm) | 9/19/2025 | Formamide                   | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| Heptane                | <LOD   | 50.0 | 10.0  | mg/kg (ppm) | 9/19/2025 | Hexane                      | <LOD   | 2.00  | 0.500 | mg/kg (ppm) | 9/19/2025 |
| Isobutane              | <LOD   | 100  | 25.0  | mg/kg (ppm) | 9/19/2025 | Isobutyl acetate            | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| Isopropyl acetate      | <LOD   | 10.0 | 2.50  | mg/kg (ppm) | 9/19/2025 | Methanol                    | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| Methyl Acetate         | <LOD   | 100  | 25.0  | mg/kg (ppm) | 9/19/2025 | Methylbutyl Ketone          | <LOD   | 25.0  | 5.00  | mg/kg (ppm) | 9/19/2025 |
| Methylene Chloride     | <LOD   | 1.00 | 0.500 | mg/kg (ppm) | 9/19/2025 | Methylethyl Ketone          | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| Methylisobutyl Ketone  | <LOD   | 100  | 25.0  | mg/kg (ppm) | 9/19/2025 | N,N-Dimethylacetamide       | <LOD   | 100   | 25.0  | mg/kg (ppm) | 9/19/2025 |
| N,N-Dimethylformamide  | <LOD   | 10.0 | 2.50  | mg/kg (ppm) | 9/19/2025 | n-Butane                    | <LOD   | 100   | 25.0  | mg/kg (ppm) | 9/19/2025 |
| Neopentane             | <LOD   | 100  | 25.0  | mg/kg (ppm) | 9/19/2025 | Nitromethane                | <LOD   | 25.0  | 5.00  | mg/kg (ppm) | 9/19/2025 |
| N-Methylpyrrolidone    | <LOD   | 50.0 | 10.0  | mg/kg (ppm) | 9/19/2025 | Pentane                     | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| Propane                | <LOD   | 100  | 25.0  | mg/kg (ppm) | 9/19/2025 | Propyl Acetate              | <LOD   | 50.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |
| Pyridine               | <LOD   | 10.0 | 2.50  | mg/kg (ppm) | 9/19/2025 | Sulfolane                   | <LOD   | 100   | 25.0  | mg/kg (ppm) | 9/19/2025 |
| Tert-Butylmethyl Ether | <LOD   | 50.0 | 10.0  | mg/kg (ppm) | 9/19/2025 | Tetrahydrofuran             | <LOD   | 10.0  | 2.50  | mg/kg (ppm) | 9/19/2025 |
| Tetralin               | <LOD   | 10.0 | 2.50  | mg/kg (ppm) | 9/19/2025 | Toluene                     | <LOD   | 1.00  | 0.500 | mg/kg (ppm) | 9/19/2025 |
| Trichloroethene        | <LOD   | 1.00 | 0.500 | mg/kg (ppm) | 9/19/2025 | Xylenes (p-, m-, o-)        | <LOD   | 40.0  | 10.0  | mg/kg (ppm) | 9/19/2025 |

Method: Residual Solvents by Headspace GC/MS (VF-624MS)

Reported By Jake S Hedges, Chemistry Laboratory Supervisor, 9/26/2025