

Customer: CBDfx  
EA Sample ID: 24EA0924-005  
Sample Name: Tincture - Sleep 1000mg  
Sample Type: Liquid  
Batch/Lot: 0924ST1K  
Reference #:

Date Received:  
09/24/2024  
Date Completed:  
09/30/2024



CERTIFICATE OF ANALYSIS

Summary of Results

| Analysis Type     | SOP            | Date Tested | Status   |
|-------------------|----------------|-------------|----------|
| Cannabinoids      | EA-SOP-POTENCY | 09/26/2024  | Complete |
| Heavy Metals      | EA-SOP-HM      | 09/27/2024  | Pass     |
| Microbials        | EA-SOP-ARIA    | 09/28/2024  | Pass     |
| Mycotoxins        | EA-SOP-MYCO    | 09/30/2024  | Pass     |
| Residual Solvents | EA-SOP-RES     | 09/29/2024  | Pass     |
| Pesticides        | EA-SOP-PEST    | 09/30/2024  | Pass     |



Unit Size (g): 30

POTENCY CANNABINOID PROFILE

|                                                 |                                                           |
|-------------------------------------------------|-----------------------------------------------------------|
| Total THC<br>THCA * 0.877 + D9-THC<br><b>ND</b> | Total CBD<br>CBDA * 0.877 + CBD<br><b>1032.49 mg/unit</b> |
|-------------------------------------------------|-----------------------------------------------------------|

| Analyte                               | Result (mg/g) | mg/unit | w/w % | LOQ (ppm) | LOD (ppm) |
|---------------------------------------|---------------|---------|-------|-----------|-----------|
| CANNABIDIVARIN (CBDV)                 | 0.23          | 6.99    | 0.02  | 100       | 30        |
| CANNABICHROMENE (CBC)                 | ND            | ND      | ND    | 100       | 30        |
| CANNABIGEROL (CBG)                    | ND            | ND      | ND    | 100       | 30        |
| CANNABINOL (CBN)                      | 5.34          | 160.27  | 0.53  | 100       | 30        |
| CANNABIDIOL (CBD)                     | 34.42         | 1032.49 | 3.44  | 100       | 30        |
| CANNABIDIOLIC ACID (CBDA)             | ND            | ND      | ND    | 100       | 30        |
| Δ9-TETRAHYDROCANNABINOLIC ACID (THCA) | ND            | ND      | ND    | 100       | 30        |
| Δ9-TETRAHYDROCANNABINOL (D9-THC)      | ND            | ND      | ND    | 100       | 30        |
| Δ8-TETRAHYDROCANNABINOL (D8-THC)      | ND            | ND      | ND    | 100       | 30        |

NOTES:

ND = NOT DETECTED; LOD = LIMIT OF DETECTION; LOQ = LIMIT OF QUANTIFICATION  
The cannabinoid potency reported above was analyzed via High Performance Liquid Chromatography (HPLC) using Variable Wavelength Detection (VWD).

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30-Sep-2024

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## Heavy Metal Analysis

| Analyte | Result (ppm) | LOQ (ppm) | LOD (ppm) | Limit (ppm) | Pass/Fail |
|---------|--------------|-----------|-----------|-------------|-----------|
| Arsenic | <LOQ         | 0.010     | 0.005     | 1.5         | Pass      |
| Cadmium | <LOD         | 0.010     | 0.005     | 0.5         | Pass      |
| Lead    | <LOQ         | 0.010     | 0.005     | 0.5         | Pass      |
| Mercury | <LOD         | 0.010     | 0.005     | 3.0         | Pass      |

## Microbiological Analysis

| Microbe                    | Result       | Limit       | Pass/Fail |
|----------------------------|--------------|-------------|-----------|
| Aspergillus Flavus         | Negative/1g  | Negative/1g | Pass      |
| Aspergillus Fumigatus      | Negative/1g  | Negative/1g | Pass      |
| Aspergillus Niger          | Negative/1g  | Negative/1g | Pass      |
| Aspergillus Terreus        | Negative/1g  | Negative/1g | Pass      |
| Escherichia Coli (E. Coli) | Negative/1g  | Negative/1g | Pass      |
| Salmonella                 | Negative/1g  | Negative/1g | Pass      |
| Yeast/Mold                 | Not Detected | -           | Pass      |

NOTES:

CFU = Colony Forming Unit  
NS = Not Specified  
NT = Not Tested

LOQ = Limit of Quantification  
LOD = Limit of Detection

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### Mycotoxins

| Analyte          | Result (ppb) | LOD (ppb) | LOQ (ppb) | Limit (ppb) | Pass/Fail |
|------------------|--------------|-----------|-----------|-------------|-----------|
| Aflatoxin B1     | <LOD         | 3.0       | 9.0       | -           | -         |
| Aflatoxin B2     | <LOD         | 2.0       | 9.0       | -           | -         |
| Aflatoxin G1     | <LOD         | 3.0       | 9.0       | -           | -         |
| Aflatoxin G2     | <LOD         | 2.0       | 6.0       | -           | -         |
| Ochratoxin A     | <LOD         | 4.0       | 12.0      | 20          | Pass      |
| Total Aflatoxins | <LOD         |           |           | 20          | Pass      |

### Residual Solvent Analysis

| Analyte             | Result (ppm) | LOD (ppm) | LOQ (ppm) | Limit (ppm) | Pass/Fail |
|---------------------|--------------|-----------|-----------|-------------|-----------|
| 1,2-Dichloro-Ethane | <LOD         | 0.10      | 0.30      | 1           | Pass      |
| Benzene             | <LOD         | 0.03      | 0.10      | 1           | Pass      |
| Chloroform          | <LOD         | 0.03      | 0.10      | 1           | Pass      |
| Ethylene Oxide      | <LOD         | 0.20      | 0.60      | 1           | Pass      |
| Methylene-Chloride  | <LOD         | 0.10      | 0.80      | 1           | Pass      |
| Trichloroethene     | <LOD         | 0.03      | 0.20      | 1           | Pass      |
| Acetone             | <LOD         | 1         | 60        | 5000        | Pass      |
| Acetonitrile        | <LOD         | 1         | 5         | 410         | Pass      |
| Butane              | <LOD         | 1         | 5         | 5000        | Pass      |
| Ethanol             | <LOD         | 3         | 10        | 5000        | Pass      |
| Ethyl-Acetate       | <LOD         | 1         | 5         | 5000        | Pass      |
| Ethyl-Ether         | <LOD         | 1         | 5         | 5000        | Pass      |
| Heptane             | <LOD         | 1         | 5         | 5000        | Pass      |
| n-Hexane            | <LOD         | 1         | 5         | 290         | Pass      |
| Isopropanol         | <LOD         | 1         | 5         | 5000        | Pass      |
| Methanol            | <LOD         | 1         | 5         | 3000        | Pass      |
| Pentane             | <LOD         | 2         | 5         | 5000        | Pass      |
| Propane             | <LOD         | 5         | 10        | 5000        | Pass      |
| Toluene             | <LOD         | 1         | 5         | 890         | Pass      |
| Xylenes             | <LOD         | 1         | 5         | 2170        | Pass      |



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### Category 1 Pesticide Analysis

| Analyte          | Result (ppm) | LOD (ppm) | LOQ (ppm) | Pass/Fail |
|------------------|--------------|-----------|-----------|-----------|
| Aldicarb         | <LOD         | 0.025     | 0.075     | Pass      |
| Carbofuran       | <LOD         | 0.025     | 0.075     | Pass      |
| Chlordane        | <LOD         | 0.025     | 0.075     | Pass      |
| Chlorfenapyr     | <LOD         | 0.025     | 0.075     | Pass      |
| Chlorpyrifos     | <LOD         | 0.025     | 0.075     | Pass      |
| Coumaphos        | <LOD         | 0.025     | 0.075     | Pass      |
| Daminozide       | <LOD         | 0.030     | 0.080     | Pass      |
| Dichlorvos       | <LOD         | 0.025     | 0.075     | Pass      |
| Dimethoate       | <LOD         | 0.025     | 0.075     | Pass      |
| Ethoprophos      | <LOD         | 0.025     | 0.075     | Pass      |
| Etofenprox       | <LOD         | 0.025     | 0.075     | Pass      |
| Fenoxycarb       | <LOD         | 0.025     | 0.075     | Pass      |
| Fipronil         | <LOD         | 0.025     | 0.075     | Pass      |
| Imazalil         | <LOD         | 0.025     | 0.075     | Pass      |
| Methiocarb       | <LOD         | 0.025     | 0.075     | Pass      |
| Mevinphos        | <LOD         | 0.025     | 0.075     | Pass      |
| Paclobutrazol    | <LOD         | 0.025     | 0.075     | Pass      |
| Parathion Methyl | <LOD         | 0.025     | 0.075     | Pass      |
| Propoxur         | <LOD         | 0.025     | 0.075     | Pass      |
| Spiroxamine      | <LOD         | 0.025     | 0.075     | Pass      |
| Thiacloprid      | <LOD         | 0.025     | 0.075     | Pass      |



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## Category 2 Pesticide Analysis

| Analyte             | Result (ppm) | LOD (ppm) | LOQ (ppm) | Limit (ppm) | Pass/Fail |
|---------------------|--------------|-----------|-----------|-------------|-----------|
| Abamectin           | <LOD         | 0.010     | 0.050     | 0.3         | Pass      |
| Acephate            | <LOD         | 0.020     | 0.050     | 5           | Pass      |
| Acequinocyl         | <LOD         | 0.020     | 0.075     | 4           | Pass      |
| Acetamiprid         | <LOD         | 0.020     | 0.050     | 5           | Pass      |
| Azoxystrobin        | <LOD         | 0.010     | 0.050     | 40          | Pass      |
| Bifenazate          | <LOD         | 0.020     | 0.050     | 5           | Pass      |
| Bifenthrin          | <LOD         | 0.020     | 0.050     | 0.5         | Pass      |
| Boscalid            | <LOD         | 0.020     | 0.075     | 10          | Pass      |
| Captan              | <LOD         | 0.150     | 0.400     | 5           | Pass      |
| Carbaryl            | <LOD         | 0.020     | 0.050     | 0.5         | Pass      |
| Chlorantraniliprole | <LOD         | 0.025     | 0.075     | 40          | Pass      |
| Clofentezine        | <LOD         | 0.020     | 0.050     | 0.5         | Pass      |
| Cyfluthrin          | <LOD         | 0.020     | 0.075     | 1           | Pass      |
| Cypermethrin        | <LOD         | 0.020     | 0.050     | 1           | Pass      |
| Diazinon            | <LOD         | 0.010     | 0.050     | 0.2         | Pass      |
| Dimethomorph        | <LOD         | 0.020     | 0.050     | 20          | Pass      |
| Etoxazole           | <LOD         | 0.010     | 0.050     | 1.5         | Pass      |
| Fenhexamid          | <LOD         | 0.020     | 0.050     | 10          | Pass      |
| Fenpyroximate       | <LOD         | 0.010     | 0.050     | 2           | Pass      |
| Flonicamid          | <LOD         | 0.030     | 0.090     | 2           | Pass      |
| Fludioxonil         | <LOD         | 0.020     | 0.050     | 30          | Pass      |
| Hexythiazox         | <LOD         | 0.030     | 0.090     | 2           | Pass      |
| Imidacloprid        | <LOD         | 0.030     | 0.075     | 3           | Pass      |



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### Category 2 Pesticide Analysis Continued

| Analyte                 | Result (ppm) | LOD (ppm) | LOQ (ppm) | Limit (ppm) | Pass/Fail |
|-------------------------|--------------|-----------|-----------|-------------|-----------|
| Kresoxim Methyl         | <LOD         | 0.020     | 0.050     | 1           | Pass      |
| Malathion               | <LOD         | 0.020     | 0.050     | 5           | Pass      |
| Metalaxyl               | <LOD         | 0.010     | 0.050     | 15          | Pass      |
| Methomyl                | <LOD         | 0.020     | 0.050     | 0.1         | Pass      |
| Myclobutanil            | <LOD         | 0.020     | 0.075     | 9           | Pass      |
| Naled                   | <LOD         | 0.020     | 0.075     | 0.5         | Pass      |
| Oxamyl                  | <LOD         | 0.020     | 0.050     | 0.3         | Pass      |
| Pentachloronitrobenzene | <LOD         | 0.020     | 0.075     | 0.2         | Pass      |
| Permethrin              | <LOD         | 0.010     | 0.050     | 20          | Pass      |
| Phosmet                 | <LOD         | 0.020     | 0.050     | 0.2         | Pass      |
| Piperonyl Butoxide      | <LOD         | 0.010     | 0.050     | 8           | Pass      |
| Prallethrin             | <LOD         | 0.025     | 0.075     | 0.4         | Pass      |
| Propiconazole           | <LOD         | 0.020     | 0.075     | 20          | Pass      |
| Pyrethrins              | <LOD         | 0.010     | 0.050     | 1           | Pass      |
| Pyridaben               | <LOD         | 0.020     | 0.050     | 3           | Pass      |
| Spinetoram              | <LOD         | 0.010     | 0.050     | 3           | Pass      |
| Spinosad                | <LOD         | 0.010     | 0.050     | 3           | Pass      |
| Spiromesifen            | <LOD         | 0.020     | 0.050     | 12          | Pass      |
| Spirotetramat           | <LOD         | 0.020     | 0.050     | 13          | Pass      |
| Tebuconazole            | <LOD         | 0.020     | 0.050     | 2           | Pass      |
| Thiamethoxam            | <LOD         | 0.020     | 0.075     | 4.5         | Pass      |
| Trifloxystrobin         | <LOD         | 0.010     | 0.050     | 30          | Pass      |



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