



# Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20240809-089  
Sample: CA240809-045-125  
5mgBEV-TEA  
Strain: 5mgBEV-TEA  
Category: Ingestible  
Type: Beverage

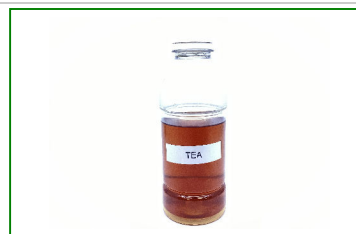
Fleur De Leaf Collective  
Lic. #  
None  
San Diego, CA 92121  
Lic. #

Batch#: 080924  
Batch Size Collected:  
Total Batch Size:  
Collected: 08/27/2024; Received: 08/27/2024  
Completed: 08/27/2024

|                                        |                                |           |                                    |                                     |                      |
|----------------------------------------|--------------------------------|-----------|------------------------------------|-------------------------------------|----------------------|
| Moisture<br>NT<br>Water Activity<br>NT | $\Delta$ 9-THC<br>4.81 mg/unit | CBD<br>ND | Total Cannabinoids<br>4.81 mg/unit | Sum of Cannabinoids<br>4.81 mg/unit | Total Terpenes<br>NT |
|----------------------------------------|--------------------------------|-----------|------------------------------------|-------------------------------------|----------------------|

## Summary

|                   | SOP Used               | Date Tested |          |
|-------------------|------------------------|-------------|----------|
| Batch             | POT-PREP-002           | 08/12/2024  | Pass     |
| Cannabinoids      | RS-PREP-001            | 08/14/2024  | Complete |
| Residual Solvents | MICRO-PREP-001         | 08/15/2024  | Pass     |
| Microbials        | PESTMYCO-LC-PREP-001   | 08/14/2024  | Pass     |
| Mycotoxins        | HM-PREP-001            | 08/14/2024  | Pass     |
| Heavy Metals      | FM-PREP-001            | 08/09/2024  | Pass     |
| Foreign Matter    | PESTMYCO-LC-PREP-001 / | 08/13/2024  | Pass     |
| Pesticides        | PEST-GC-PREP-001       |             |          |



Scan to see results

## Cannabinoid Profile

1 Unit = container, 338.96 g. 1 mL = 1.03 g.

| Analyte        | LOQ (mg/g) | LOD (mg/g) | %     | mg/g | mg/mL | mg/unit | Analyte      | LOQ (mg/g) | LOD (mg/g) | %    | mg/g | mg/mL | mg/unit |
|----------------|------------|------------|-------|------|-------|---------|--------------|------------|------------|------|------|-------|---------|
| THCa           | 0.0128     | 0.0043     | ND    | ND   | ND    | ND      | CBGa         | 0.0046     | 0.0015     | ND   | ND   | ND    | ND      |
| $\Delta$ 9-THC | 0.0046     | 0.0010     | 0.001 | 0.01 | 0.01  | 4.81    | CBG          | 0.0046     | 0.0005     | ND   | ND   | ND    | ND      |
| $\Delta$ 8-THC | 0.0046     | 0.0014     | ND    | ND   | ND    | ND      | CBN          | 0.0046     | 0.0005     | ND   | ND   | ND    | ND      |
| THCV           | 0.0046     | 0.0006     | ND    | ND   | ND    | ND      | Total THC    |            |            | 0.00 | 0.01 | 0.01  | 4.81    |
| CBDa           | 0.0049     | 0.0016     | ND    | ND   | ND    | ND      | Total CBD    |            |            | ND   | ND   | ND    | ND      |
| CBD            | 0.0046     | 0.0008     | ND    | ND   | ND    | ND      | Total        |            |            | 0.00 | 0.01 | 0.01  | 4.81    |
| CBDV           | 0.0046     | 0.0004     | ND    | ND   | ND    | ND      | Sum of       |            |            |      |      |       |         |
| CBC            | 0.0076     | 0.0025     | ND    | ND   | ND    | ND      | Cannabinoids |            |            | 0.00 | 0.01 | 0.01  | 4.81    |

Total THC=THCa \* 0.877 + d9-THC + d8-THC; Total CBD = CBDa \* 0.877 + CBD. Total Cannabinoids=(Acidic Cannabinoids)\*0.877+Non-acidic Cannabinoids; Sum of Cannabinoids=Acidic Cannabinoids+Non-acidic Cannabinoids. LOD= Limit of Detection, LOQ= Limit of Quantitation, ND= Not Detected, NR= Not Reported. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids:UHPLC-DAD(POT-INST-005),Moisture:Moisture Analyzer(MOISTURE-001),Water Activity:Water Activity Meter(WA-INST-002), Foreign Material:Microscope(FOREIGN-001). Density measured at 19-24 °C, Water Activity measured at 0-90% RH. All QA submitted by the client, All CA State Compliance sampled using SAMPL-SOP-001.

## Terpene Profile

| Analyte | LOQ (mg/g) | LOD (mg/g) | % | mg/g | Analyte | LOQ (mg/g) | LOD (mg/g) | % | mg/g |
|---------|------------|------------|---|------|---------|------------|------------|---|------|
|---------|------------|------------|---|------|---------|------------|------------|---|------|

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP TERP-INST-003.



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Josh Swider  
Lab Director, Managing Partner  
08/27/2024

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Fleur De Leaf Collective  
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## Residual Solvent Analysis

| Category 1          | LOQ  |       |       |      | LOD  | Limit         | Status | Category 2 | LOQ   |      |      |             | LOD | Limit | Status |      |      |
|---------------------|------|-------|-------|------|------|---------------|--------|------------|-------|------|------|-------------|-----|-------|--------|------|------|
|                     | µg/g | µg/g  | µg/g  | µg/g |      |               |        |            | µg/g  | µg/g | µg/g | µg/g        |     |       |        |      |      |
| 1,2-Dichloro-Ethane | ND   | 0.264 | 0.088 | 1    | Pass | Acetone       | ND     | 51.246     | 0.716 | 5000 | Pass | n-Hexane    | ND  | 0.281 | 0.027  | 290  | Pass |
| Benzene             | ND   | 0.052 | 0.017 | 1    | Pass | Acetonitrile  | ND     | 0.42       | 0.14  | 410  | Pass | Isopropanol | ND  | 2.86  | 0.614  | 5000 | Pass |
| Chloroform          | ND   | 0.076 | 0.025 | 1    | Pass | Butane        | ND     | 4.849      | 0.748 | 5000 | Pass | Methanol    | ND  | 2.602 | 0.867  | 3000 | Pass |
| Ethylene Oxide      | ND   | 0.579 | 0.179 | 1    | Pass | Ethanol       | ND     | 7.575      | 2.525 | 5000 | Pass | Pentane     | ND  | 5.075 | 1.692  | 5000 | Pass |
| Methylene-Chloride  | ND   | 0.729 | 0.08  | 1    | Pass | Ethyl-Acetate | ND     | 2.288      | 0.175 | 5000 | Pass | Propane     | ND  | 9.709 | 3.236  | 5000 | Pass |
| Trichloroethene     | ND   | 0.145 | 0.028 | 1    | Pass | Ethyl-Ether   | ND     | 2.869      | 0.389 | 5000 | Pass | Toluene     | ND  | 0.864 | 0.067  | 890  | Pass |
|                     |      |       |       |      |      | Heptane       | ND     | 2.859      | 0.496 | 5000 | Pass | Xylenes     | ND  | 2.572 | 0.326  | 2170 | Pass |

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: HS-GC-MS; samples analyzed according to SOP RS-INST-003.

## Heavy Metal Screening

|         |      | LOQ   | LOD   | Limit | Status |
|---------|------|-------|-------|-------|--------|
|         | µg/g | µg/g  | µg/g  | µg/g  |        |
| Arsenic | ND   | 0.009 | 0.003 | 1.5   | Pass   |
| Cadmium | ND   | 0.002 | 0.001 | 0.5   | Pass   |
| Lead    | ND   | 0.004 | 0.001 | 0.5   | Pass   |
| Mercury | ND   | 0.014 | 0.005 | 1.5   | Pass   |

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less then the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP HM-INST-003.

## Microbiological Screening

|                           | Limit | Result       | Status |
|---------------------------|-------|--------------|--------|
|                           | CFU/g | CFU/g        |        |
| Total Aerobic Plate Count | 10000 | NR           | NT     |
| Aspergillus flavus        |       | NR           | NT     |
| Aspergillus fumigatus     |       | NR           | NT     |
| Aspergillus niger         |       | NR           | NT     |
| Aspergillus terreus       |       | NR           | NT     |
| Total Coliforms           | 100   | NR           | NT     |
| STEC                      |       | Not Detected | Pass   |
| Enterobacteriaceae        |       | NR           | NT     |
| Listeria                  |       | NR           | NT     |
| Pseudomonas aeruginosa    |       | NR           | NT     |
| Salmonella SPP            |       | Not Detected | Pass   |
| Total E. coli             |       | NR           | NT     |
| Staphylococcus aureus     |       | NR           | NT     |
| Total Yeast and Mold      | 1000  | ND           | Pass   |

ND=Not Detected. Analytical instrumentation used:qPCR; samples analyzed according to SOP MICRO-INST-001.



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## Chemical Residue Screening

| Category 1       |      | LOQ   | LOD   | Status | Mycotoxins       |       | LOQ   | LOD   | Limit | Status |
|------------------|------|-------|-------|--------|------------------|-------|-------|-------|-------|--------|
|                  | µg/g | µg/g  | µg/g  |        |                  | µg/kg | µg/kg | µg/kg | µg/kg |        |
| Aldicarb         | ND   | 0.065 | 0.022 | Pass   | B1               | ND    | 7.88  | 2.6   |       | Tested |
| Carbofuran       | ND   | 0.030 | 0.009 | Pass   | B2               | ND    | 6.18  | 2.04  |       | Tested |
| Chlordane        | ND   | 0.075 | 0.025 | Pass   | G1               | ND    | 8.99  | 2.97  |       | Tested |
| Chlorfenapyr     | ND   | 0.075 | 0.025 | Pass   | G2               | ND    | 5.72  | 1.89  |       | Tested |
| Chlorpyrifos     | ND   | 0.053 | 0.018 | Pass   | Ochratoxin A     | ND    | 11.72 | 3.87  | 20    | Pass   |
| Coumaphos        | ND   | 0.056 | 0.018 | Pass   | Total Aflatoxins | ND    |       |       | 20    | Pass   |
| Daminozide       | ND   | 0.079 | 0.026 | Pass   |                  |       |       |       |       |        |
| Dichlorvos       | ND   | 0.067 | 0.022 | Pass   |                  |       |       |       |       |        |
| Dimethoate       | ND   | 0.036 | 0.012 | Pass   |                  |       |       |       |       |        |
| Ethoprophos      | ND   | 0.053 | 0.017 | Pass   |                  |       |       |       |       |        |
| Etofenprox       | ND   | 0.030 | 0.008 | Pass   |                  |       |       |       |       |        |
| Fenoxycarb       | ND   | 0.043 | 0.014 | Pass   |                  |       |       |       |       |        |
| Fipronil         | ND   | 0.045 | 0.015 | Pass   |                  |       |       |       |       |        |
| Imazalil         | ND   | 0.047 | 0.016 | Pass   |                  |       |       |       |       |        |
| Methiocarb       | ND   | 0.047 | 0.016 | Pass   |                  |       |       |       |       |        |
| Mevinphos        | ND   | 0.042 | 0.014 | Pass   |                  |       |       |       |       |        |
| Paclobutrazol    | ND   | 0.040 | 0.013 | Pass   |                  |       |       |       |       |        |
| Parathion Methyl | ND   | 0.024 | 0.008 | Pass   |                  |       |       |       |       |        |
| Propoxur         | ND   | 0.047 | 0.016 | Pass   |                  |       |       |       |       |        |
| Spiroxamine      | ND   | 0.032 | 0.011 | Pass   |                  |       |       |       |       |        |
| Thiacloprid      | ND   | 0.042 | 0.014 | Pass   |                  |       |       |       |       |        |

| Category 2          |      | LOQ   | LOD   | Limit | Status | Category 2              |      | LOQ   | LOD   | Limit | Status |
|---------------------|------|-------|-------|-------|--------|-------------------------|------|-------|-------|-------|--------|
|                     | µg/g | µg/g  | µg/g  | µg/g  |        |                         | µg/g | µg/g  | µg/g  | µg/g  |        |
| Abamectin           | ND   | 0.030 | 0.010 | 0.3   | Pass   | Kresoxim Methyl         | ND   | 0.038 | 0.012 | 1     | Pass   |
| Acephate            | ND   | 0.050 | 0.016 | 5     | Pass   | Malathion               | ND   | 0.035 | 0.012 | 5     | Pass   |
| Acequinocyl         | ND   | 0.059 | 0.019 | 4     | Pass   | Metalaxyl               | ND   | 0.031 | 0.010 | 15    | Pass   |
| Acetamiprid         | ND   | 0.044 | 0.015 | 5     | Pass   | Methomyl                | ND   | 0.048 | 0.016 | 0.1   | Pass   |
| Azoxystrobin        | ND   | 0.029 | 0.010 | 40    | Pass   | Myclobutanil            | ND   | 0.055 | 0.018 | 9     | Pass   |
| Bifenazate          | ND   | 0.035 | 0.012 | 5     | Pass   | Naled                   | ND   | 0.051 | 0.017 | 0.5   | Pass   |
| Bifenthrin          | ND   | 0.040 | 0.013 | 0.5   | Pass   | Oxamyl                  | ND   | 0.046 | 0.015 | 0.3   | Pass   |
| Boscalid            | ND   | 0.060 | 0.020 | 10    | Pass   | Pentachloronitrobenzene | ND   | 0.054 | 0.018 | 0.2   | Pass   |
| Captan              | ND   | 0.358 | 0.120 | 5     | Pass   | Permethrin              | ND   | 0.030 | 0.008 | 20    | Pass   |
| Carbaryl            | ND   | 0.049 | 0.016 | 0.5   | Pass   | Phosmet                 | ND   | 0.038 | 0.012 | 0.2   | Pass   |
| Chlorantraniliprole | ND   | 0.063 | 0.021 | 40    | Pass   | Piperonyl Butoxide      | ND   | 0.030 | 0.008 | 8     | Pass   |
| Clofentezine        | ND   | 0.039 | 0.013 | 0.5   | Pass   | Prallethrin             | ND   | 0.068 | 0.023 | 0.4   | Pass   |
| Cyfluthrin          | ND   | 0.056 | 0.019 | 1     | Pass   | Propiconazole           | ND   | 0.059 | 0.019 | 20    | Pass   |
| Cypermethrin        | ND   | 0.044 | 0.015 | 1     | Pass   | Pyrethrins              | ND   | 0.030 | 0.004 | 1     | Pass   |
| Diazinon            | ND   | 0.030 | 0.006 | 0.2   | Pass   | Pyridaben               | ND   | 0.035 | 0.012 | 3     | Pass   |
| Dimethomorph        | ND   | 0.042 | 0.014 | 20    | Pass   | Spinetoram              | ND   | 0.030 | 0.006 | 3     | Pass   |
| Etoazole            | ND   | 0.030 | 0.008 | 1.5   | Pass   | Spinosad                | ND   | 0.030 | 0.004 | 3     | Pass   |
| Fenhexamid          | ND   | 0.039 | 0.013 | 10    | Pass   | Spiromesifen            | ND   | 0.042 | 0.014 | 12    | Pass   |
| Fenpyroximate       | ND   | 0.030 | 0.010 | 2     | Pass   | Spirotetramat           | ND   | 0.041 | 0.013 | 13    | Pass   |
| Flonicamid          | ND   | 0.081 | 0.027 | 2     | Pass   | Tebuconazole            | ND   | 0.044 | 0.014 | 2     | Pass   |
| Fludioxonil         | ND   | 0.046 | 0.015 | 30    | Pass   | Thiamethoxam            | ND   | 0.055 | 0.018 | 4.5   | Pass   |
| Hexythiazox         | ND   | 0.078 | 0.026 | 2     | Pass   | Trifloxystrobin         | ND   | 0.031 | 0.010 | 30    | Pass   |
| Imidacloprid        | ND   | 0.071 | 0.023 | 3     | Pass   |                         |      |       |       |       |        |

## Other Analyte(s):

NR= Not Reported (no analysis was performed), ND= Not Detected (the concentration is less than the Limit of Detection (LOD)). Analytical instrumentation used: LC-MS-MS & GC-MS-MS; samples analyzed according to SOPs PESTMYCO-LC-INST-004 and PEST-GC-INST-003.



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