



# Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20200707-118  
Sample: CA200707-028-072  
Full-spectrum 2000 mg CBD Oil  
Strain: Full-spectrum 2000 mg CBD Oil  
Category: Ingestible

Plant-Based Mary Jane  
Lic. #  
467 Broadway  
Newburgh, NY 12550  
Lic. #

Batch#:   
Primary Size:   
Batch Size:   
Collected: 07/10/2020; Received: 07/10/2020  
Completed: 07/10/2020

|  |  |                                |   |                                     |
|--|--|--------------------------------|---|-------------------------------------|
| Moisture<br>NT<br>Water Activity<br>NT | $\Delta$ 9-THC<br><b>64.39 mg/unit</b> | CBD<br><b>2,039.73 mg/unit</b> | Total Cannabinoids<br><b>2,288.59 mg/unit</b> | Total Terpenes<br><b>0.420 mg/g</b> |
|--|--|--------------------------------|---|-------------------------------------|

| Summary           | SOP Used            | Date Tested |          |
|-------------------|---------------------|-------------|----------|
| Batch             |                     |             | Pass     |
| Cannabinoids      | SOP:POT-T005-Tinc   | 07/08/2020  | Complete |
| Terpenes          | SOP:TERP.MS.Edible1 | 07/08/2020  | Complete |
| Residual Solvents | SOP:NON-Inhalable   | 07/08/2020  | Pass     |
| Microbials        | SOP:qpcrone         | 07/09/2020  | Pass     |
| Pesticides        | PEST.002 Edible     | 07/08/2020  | Pass     |
| Heavy Metals      | SOP:HM001           | 07/08/2020  | Pass     |



Scan to see results

## Cannabinoid Profile

1 Unit = bottle, 28.86 g. 1 mL = 0.94138 g.

| Analyte        | LOQ  | LOD  | %     | mg/g  | mg/mL | mg/unit | Analyte      | LOQ  | LOD  | %            | mg/g         | mg/mL        | mg/unit        |
|----------------|------|------|-------|-------|-------|---------|--------------|------|------|--------------|--------------|--------------|----------------|
| THCa           | 0.74 | 0.44 | ND    | ND    | ND    | ND      | CBDV         | 0.74 | 0.44 | 0.107        | 1.07         | 1.00         | 30.76          |
| $\Delta$ 9-THC | 0.74 | 0.44 | 0.223 | 2.23  | 2.10  | 64.39   | CBN          | 0.74 | 0.44 | 0.009        | 0.09         | 0.09         | 2.63           |
| $\Delta$ 8-THC | 0.74 | 0.44 | ND    | ND    | ND    | ND      | CBGa         | 0.74 | 0.44 | ND           | ND           | ND           | ND             |
| THCV           | 0.74 | 0.44 | ND    | ND    | ND    | ND      | CBG          | 0.74 | 0.44 | 0.229        | 2.29         | 2.15         | 66.00          |
| CBDa           | 0.74 | 0.44 | ND    | ND    | ND    | ND      | CBC          | 0.74 | 0.44 | 0.295        | 2.95         | 2.78         | 85.08          |
| CBD            | 0.74 | 0.44 | 7.068 | 70.68 | 66.53 | 2039.73 | <b>Total</b> |      |      | <b>7.930</b> | <b>79.30</b> | <b>74.65</b> | <b>2288.59</b> |

Total THC=THCa \* 0.877 + d9-THC; Total CBD = CBDa \* 0.877 + CBD; NR= Not Reported, ND= Not Detected, \*Reported by Dry Mass\*; \*analytical instrumentation used Cannabinoids:UHPLC-DAD, Moisture:Mass by Drying, Water Activity:Water Activity Meter, Foreign Material:Microscope\* \*Density tested at a temperature range between 19-24 °C, \*Water Activity tested at a humidity range between 0-90% Relative Humidity. All QA samples are sampled by the client, All California State Compliant samples sampled using SAMPL-SOP-001

## Terpene Profile

| Analyte                | LOQ   | LOD   | %      | mg/g  | Analyte             | LOQ   | LOD   | %             | mg/g         |
|------------------------|-------|-------|--------|-------|---------------------|-------|-------|---------------|--------------|
| $\alpha$ -Bisabolol    | 0.025 | 0.010 | 0.0260 | 0.260 | $\delta$ -Limonene  | 0.025 | 0.010 | ND            | ND           |
| Caryophyllene Oxide    | 0.025 | 0.010 | 0.0160 | 0.160 | Eucalyptol          | 0.025 | 0.010 | ND            | ND           |
| $\alpha$ -Humulene     | 0.025 | 0.010 | ND     | ND    | $\gamma$ -Terpinene | 0.025 | 0.010 | ND            | ND           |
| $\alpha$ -Pinene       | 0.025 | 0.010 | ND     | ND    | Geraniol            | 0.025 | 0.010 | ND            | ND           |
| $\alpha$ -Terpinene    | 0.025 | 0.010 | ND     | ND    | Linalool            | 0.025 | 0.010 | ND            | ND           |
| $\beta$ -Caryophyllene | 0.025 | 0.010 | ND     | ND    | (-)-Guaiaol         | 0.025 | 0.010 | <LOQ          | <LOQ         |
| $\beta$ -Myrcene       | 0.025 | 0.010 | ND     | ND    | (-)-Isopulegol      | 0.025 | 0.010 | ND            | ND           |
| $\beta$ -Pinene        | 0.025 | 0.010 | ND     | ND    | p-Cymene            | 0.025 | 0.010 | ND            | ND           |
| Camphene               | 0.025 | 0.010 | ND     | ND    | Terpinolene         | 0.025 | 0.010 | ND            | ND           |
| cis-Nerolidol          | 0.025 | 0.010 | ND     | ND    | trans-Nerolidol     | 0.025 | 0.010 | ND            | ND           |
| cis-Ocimene            | 0.025 | 0.010 | ND     | ND    | trans-Ocimene       | 0.025 | 0.010 | ND            | ND           |
| $\delta$ -3-Carene     | 0.025 | 0.010 | ND     | ND    | <b>Total</b>        |       |       | <b>0.0420</b> | <b>0.420</b> |

NR= Not Reported thus no analysis was performed, ND= Not Detected thus the concentration is less then the Limit of Detection (LOD), \*analytical instrumentation used:HS-GC-MS\*



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*Josh M Swider*

Josh Swider  
Lab Director, Managing Partner  
07/10/2020

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This product has been tested by Infinite Chemical Analysis, LLC using valid testing methodologies and a quality system as required by state law. All LQC samples were performed and met the prescribed acceptance criteria in 16 CCR section 5730, pursuant to 16 CCR section 5726(e)(13). Values reported relate only to the product tested. Infinite Chemical Analysis, LLC makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This Certificate shall not be reproduced except in full, without the written approval of Infinite Chemical Analysis, LLC.



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Category: Ingestible

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Primary Size:   
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## Residual Solvent Analysis

| Category 1          | LOQ  | LOD  | Limit | Status | 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   |            | µg/g | µg/g        | µg/g  | µg/g   |     |      |      |
| 1,2-Dichloro-Ethane | ND   | 1    | 0.5   | 1      | Pass       | Acetone       | ND     | 300   | 200    | 5000       | Pass | n-Hexane    | ND    | 35     | 20  | 290  | Pass |
| Benzene             | ND   | 1    | 0.5   | 1      | Pass       | Acetonitrile  | ND     | 150   | 100    | 410        | Pass | Isopropanol | ND    | 300    | 200 | 5000 | Pass |
| Chloroform          | ND   | 1    | 0.5   | 1      | Pass       | Butane        | ND     | 300   | 200    | 5000       | Pass | Methanol    | ND    | 300    | 200 | 3000 | Pass |
| Ethylene Oxide      | ND   | 1    | 0.5   | 1      | Pass       | Ethanol       | 1000.5 | 300   | 200    | 5000       | Pass | Pentane     | ND    | 300    | 200 | 5000 | Pass |
| Methylene-Chloride  | ND   | 1    | 0.5   | 1      | Pass       | Ethyl-Acetate | ND     | 300   | 200    | 5000       | Pass | Propane     | ND    | 300    | 200 | 5000 | Pass |
| Trichloroethene     | ND   | 1    | 0.5   | 1      | Pass       | Ethyl-Ether   | ND     | 300   | 200    | 5000       | Pass | Toluene     | ND    | 150    | 100 | 890  | Pass |
|                     |      |      |       |        |            | Heptane       | ND     | 300   | 200    | 5000       | Pass | Xylenes     | ND    | 150    | 100 | 2170 | Pass |

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## Heavy Metal Screening

|         | µg/g | LOQ   | LOD   | Limit | Status |
|---------|------|-------|-------|-------|--------|
|         | µg/g | µg/g  | µg/g  | µg/g  |        |
| Arsenic | ND   | 0.048 | 0.016 | 1.5   | Pass   |
| Cadmium | ND   | 0.012 | 0.004 | 0.5   | Pass   |
| Lead    | ND   | 0.011 | 0.004 | 0.5   | Pass   |
| Mercury | ND   | 0.033 | 0.011 | 3     | Pass   |

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## Microbiological Screening

|                               | Result       | Status |
|-------------------------------|--------------|--------|
| Aspergillus flavus            | NR           | NT     |
| Aspergillus fumigatus         | NR           | NT     |
| Aspergillus niger             | NR           | NT     |
| Aspergillus terreus           | NR           | NT     |
| shiga toxin-producing E. coli | Not Detected | Pass   |
| Salmonella SPP                | Not Detected | Pass   |

ND=Not Detected; \*analytical instrumentation used:qPCR\*



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## Chemical Residue Screening

| Category 1       | LOQ  | LOD  | Status | Mycotoxins | LOQ | LOD | Limit | Status |
|------------------|------|------|--------|------------|-----|-----|-------|--------|
|                  | µg/g | µg/g | µg/g   |            |     |     |       |        |
| Aldicarb         | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Carbofuran       | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Chlordane        | ND   | 0.1  | 0.05   | Pass       |     |     |       |        |
| Chlorfenapyr     | ND   | 0.1  | 0.05   | Pass       |     |     |       |        |
| Chlorpyrifos     | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Coumaphos        | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Daminozide       | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Dichlorvos       | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Dimethoate       | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Ethoprophos      | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Etofenprox       | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Fenoxycarb       | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Fipronil         | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Imazalil         | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Methiocarb       | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Parathion Methyl | ND   | 0.1  | 0.05   | Pass       |     |     |       |        |
| Mevinphos        | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Paclbutrazol     | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Propoxur         | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Spiroxamine      | ND   | 0.05 | 0.03   | Pass       |     |     |       |        |
| Thiacloprid      | ND   | 0.05 | 0.03   | 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   | 0.05 | 0.03  | 0.3    | Pass       | Kresoxim Methyl         | ND   | 0.05  | 0.03   | 1   | Pass |
| Acephate            | ND   | 0.05 | 0.03  | 5      | Pass       | Malathion               | ND   | 0.05  | 0.03   | 5   | Pass |
| Acequinocyl         | ND   | 0.05 | 0.03  | 4      | Pass       | Metalaxyl               | ND   | 0.05  | 0.03   | 15  | Pass |
| Acetamiprid         | ND   | 0.05 | 0.03  | 5      | Pass       | Methomyl                | ND   | 0.05  | 0.03   | 0.1 | Pass |
| Azoxystrobin        | ND   | 0.05 | 0.03  | 40     | Pass       | Myclobutanil            | ND   | 0.05  | 0.03   | 9   | Pass |
| Bifenazate          | ND   | 0.05 | 0.03  | 5      | Pass       | Naled                   | ND   | 0.1   | 0.05   | 0.5 | Pass |
| Bifenthrin          | ND   | 0.25 | 0.1   | 0.5    | Pass       | Oxamyl                  | ND   | 0.2   | 0.1    | 0.3 | Pass |
| Boscalid            | ND   | 0.05 | 0.03  | 10     | Pass       | Pentachloronitrobenzene | ND   | 0.1   | 0.05   | 0.2 | Pass |
| Captan              | ND   | 0.35 | 0.2   | 5      | Pass       | Permethrin              | ND   | 0.25  | 0.1    | 20  | Pass |
| Carbaryl            | ND   | 0.05 | 0.03  | 0.5    | Pass       | Phosmet                 | ND   | 0.05  | 0.03   | 0.2 | Pass |
| Chlorantraniliprole | ND   | 0.05 | 0.03  | 40     | Pass       | Piperonyl Butoxide      | ND   | 0.25  | 0.1    | 8   | Pass |
| Clofentezine        | ND   | 0.05 | 0.03  | 0.5    | Pass       | Prallethrin             | ND   | 0.05  | 0.03   | 0.4 | Pass |
| Cyfluthrin          | ND   | 0.35 | 0.25  | 1      | Pass       | Propiconazole           | ND   | 0.05  | 0.03   | 20  | Pass |
| Cypermethrin        | ND   | 0.35 | 0.2   | 1      | Pass       | Pyrethrins              | ND   | 0.25  | 0.1    | 1   | Pass |
| Diazinon            | ND   | 0.05 | 0.03  | 0.2    | Pass       | Pyridaben               | ND   | 0.05  | 0.03   | 3   | Pass |
| Dimethomorph        | ND   | 0.05 | 0.03  | 20     | Pass       | Spinetoram              | ND   | 0.05  | 0.03   | 3   | Pass |
| Etoxazole           | ND   | 0.05 | 0.03  | 1.5    | Pass       | Spinosad                | ND   | 0.05  | 0.03   | 3   | Pass |
| Fenhexamid          | ND   | 0.05 | 0.03  | 10     | Pass       | Spiromesifen            | ND   | 0.05  | 0.03   | 12  | Pass |
| Fenpyroximate       | ND   | 0.05 | 0.03  | 2      | Pass       | Spirotetramat           | ND   | 0.05  | 0.03   | 13  | Pass |
| Flonicamid          | ND   | 0.05 | 0.03  | 2      | Pass       | Tebuconazole            | ND   | 0.05  | 0.03   | 2   | Pass |
| Fludioxonil         | ND   | 0.05 | 0.03  | 30     | Pass       | Thiamethoxam            | ND   | 0.25  | 0.1    | 4.5 | Pass |
| Hexythiazox         | ND   | 0.05 | 0.03  | 2      | Pass       | Trifloxystrobin         | ND   | 0.05  | 0.03   | 30  | Pass |
| Imidacloprid        | ND   | 0.35 | 0.1   | 3      | Pass       |                         |      |       |        |     |      |

### Unknown Analyte(s):

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