



# Certificate of Analysis

QA SAMPLE - INFORMATIONAL ONLY

1 of 3

ICAL ID: 20240912-020  
Sample: CA240912-006-018  
HYB-082224-SG  
Strain: HYB-082224-SG  
Category: Concentrates & Extracts  
Type: Distillate

Urb  
Lic. #  
5511 95th Ave, Kenosha, WI, 53144  
Kenosha, WI 53144  
Lic. #

Batch#: HYB-082224-SG  
Batch Size Collected:  
Total Batch Size:  
Collected: 09/18/2024; Received: 09/18/2024  
Completed: 09/18/2024

|                      |                 |                 |                          |                           |                      |
|----------------------|-----------------|-----------------|--------------------------|---------------------------|----------------------|
| Moisture<br>NT       | Total THC<br>NT | Total CBD<br>NT | Total Cannabinoids<br>NT | Sum of Cannabinoids<br>NT | Total Terpenes<br>NT |
| Water Activity<br>NT |                 |                 |                          |                           |                      |

## Summary

| Batch             | SOP Used                                   | Date Tested |      |
|-------------------|--|-------------|------|
| Residual Solvents | RS-PREP-001                                | 09/13/2024  | Pass |
| Microbials        | MICRO-PREP-001                             | 09/16/2024  | Pass |
| Mycotoxins        | PESTMICO-LC-PREP-001                       | 09/16/2024  | Pass |
| Heavy Metals      | HM-PREP-001                                | 09/13/2024  | Pass |
| Pesticides        | PESTMICO-LC-PREP-001 /<br>PEST-GC-PREP-001 | 09/13/2024  | Pass |



Scan to see results

## Cannabinoid Profile

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

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  
09/18/2024

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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   | 0.509  | 0.17  | 1      | Pass       | Acetone       | <LOQ | 51.246 | 17.082 | 5000       | Pass | n-Hexane    | ND    | 0.2807 | 0.066 | 290  | Pass |
| Benzene             | ND   | 0.064  | 0.021 | 1      | Pass       | Acetonitrile  | ND   | 0.359  | 0.12   | 410        | Pass | Isopropanol | <LOQ  | 3.8401 | 1.28  | 5000 | Pass |
| Chloroform          | ND   | 0.108  | 0.036 | 1      | Pass       | Butane        | ND   | 4.849  | 0.971  | 5000       | Pass | Methanol    | <LOQ  | 8.917  | 2.972 | 3000 | Pass |
| Ethylene Oxide      | ND   | 0.579  | 0.153 | 1      | Pass       | Ethanol       | 8.3  | 7.843  | 2.614  | 5000       | Pass | Pentane     | ND    | 4.271  | 0.962 | 5000 | Pass |
| Methylene-Chloride  | ND   | 0.7288 | 0.127 | 1      | Pass       | Ethyl-Acetate | 3.6  | 2.288  | 0.313  | 5000       | Pass | Propane     | ND    | 13.302 | 4.434 | 5000 | Pass |
| Trichloroethene     | ND   | 0.145  | 0.018 | 1      | Pass       | Ethyl-Ether   | ND   | 3.548  | 1.183  | 5000       | Pass | Toluene     | ND    | 0.864  | 0.088 | 890  | Pass |
|                     |      |        |       |        |            | Heptane       | <LOQ | 2.859  | 0.687  | 5000       | Pass | Xylenes     | ND    | 2.572  | 0.216 | 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 | 0.2    | Pass |
| Cadmium | ND   | 0.002 | 0.001 | 0.2    | Pass |
| Lead    | <LOQ | 0.004 | 0.001 | 0.5    | Pass |
| Mercury | ND   | 0.014 | 0.005 | 0.1    | 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        |        |
| Aspergillus flavus    |       | Not Detected | Pass   |
| Aspergillus fumigatus |       | Not Detected | Pass   |
| Aspergillus niger     |       | Not Detected | Pass   |
| Aspergillus terreus   |       | Not Detected | Pass   |
| STEC                  |       | Not Detected | Pass   |
| Salmonella SPP        |       | Not Detected | 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   | 0.030 | 0.008  | Pass       | B1               | ND    | 8.98  | 2.96   | Tested |      |
| Carbofuran       | ND   | 0.030 | 0.005  | Pass       | B2               | ND    | 10.17 | 3.36   | Tested |      |
| Chlordane        | ND   | 0.075 | 0.025  | Pass       | G1               | ND    | 5.25  | 1.73   | Tested |      |
| Chlorfenapyr     | ND   | 0.075 | 0.025  | Pass       | G2               | ND    | 6.26  | 2.07   | Tested |      |
| Chlorpyrifos     | ND   | 0.046 | 0.015  | Pass       | Ochratoxin A     | ND    | 13.37 | 4.41   | 20     | Pass |
| Coumaphos        | ND   | 0.030 | 0.004  | Pass       | Total Aflatoxins | ND    |       | 20     | Pass   |      |
| Daminozide       | ND   | 0.053 | 0.018  | Pass       |                  |       |       |        |        |      |
| Dichlorvos       | ND   | 0.055 | 0.018  | Pass       |                  |       |       |        |        |      |
| Dimethoate       | ND   | 0.030 | 0.006  | Pass       |                  |       |       |        |        |      |
| Ethoprophos      | ND   | 0.030 | 0.006  | Pass       |                  |       |       |        |        |      |
| Etofenprox       | ND   | 0.030 | 0.004  | Pass       |                  |       |       |        |        |      |
| Fenoxycarb       | ND   | 0.030 | 0.004  | Pass       |                  |       |       |        |        |      |
| Fipronil         | ND   | 0.050 | 0.017  | Pass       |                  |       |       |        |        |      |
| Imazalil         | ND   | 0.030 | 0.009  | Pass       |                  |       |       |        |        |      |
| Methiocarb       | ND   | 0.030 | 0.002  | Pass       |                  |       |       |        |        |      |
| Mevinphos        | ND   | 0.030 | 0.008  | Pass       |                  |       |       |        |        |      |
| Paclobutrazol    | ND   | 0.030 | 0.009  | Pass       |                  |       |       |        |        |      |
| Parathion Methyl | ND   | 0.024 | 0.008  | Pass       |                  |       |       |        |        |      |
| Propoxur         | ND   | 0.030 | 0.008  | Pass       |                  |       |       |        |        |      |
| Spiroxamine      | ND   | 0.030 | 0.006  | Pass       |                  |       |       |        |        |      |
| Thiacloprid      | ND   | 0.030 | 0.005  | 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   | 0.099 | 0.033 | 0.1    | Pass       | Kresoxim Methyl         | ND   | 0.030 | 0.007  | 0.1 | Pass |
| Acephate            | ND   | 0.030 | 0.007 | 0.1    | Pass       | Malathion               | ND   | 0.030 | 0.003  | 0.5 | Pass |
| Acequinocyl         | ND   | 0.046 | 0.015 | 0.1    | Pass       | Metalaxyl               | ND   | 0.030 | 0.005  | 2   | Pass |
| Acetamiprid         | ND   | 0.030 | 0.005 | 0.1    | Pass       | Methomyl                | ND   | 0.030 | 0.009  | 1   | Pass |
| Azoxystrobin        | ND   | 0.030 | 0.005 | 0.1    | Pass       | Myclobutanil            | ND   | 0.030 | 0.007  | 0.1 | Pass |
| Bifenazate          | ND   | 0.030 | 0.007 | 0.1    | Pass       | Naled                   | ND   | 0.030 | 0.008  | 0.1 | Pass |
| Bifenthrin          | ND   | 0.030 | 0.004 | 3      | Pass       | Oxamyl                  | ND   | 0.030 | 0.007  | 0.5 | Pass |
| Boscalid            | ND   | 0.030 | 0.008 | 0.1    | Pass       | Pentachloronitrobenzene | ND   | 0.054 | 0.018  | 0.1 | Pass |
| Captan              | ND   | 0.358 | 0.120 | 0.7    | Pass       | Permethrin              | ND   | 0.030 | 0.002  | 0.5 | Pass |
| Carbaryl            | ND   | 0.030 | 0.006 | 0.5    | Pass       | Phosmet                 | ND   | 0.030 | 0.005  | 0.1 | Pass |
| Chlorantraniliprole | ND   | 0.030 | 0.009 | 10     | Pass       | Piperonyl Butoxide      | ND   | 0.030 | 0.003  | 3   | Pass |
| Clofentezine        | ND   | 0.030 | 0.002 | 0.1    | Pass       | Prallethrin             | ND   | 0.071 | 0.023  | 0.1 | Pass |
| Cyfluthrin          | ND   | 0.056 | 0.019 | 2      | Pass       | Propiconazole           | ND   | 0.030 | 0.009  | 0.1 | Pass |
| Cypermethrin        | ND   | 0.181 | 0.060 | 1      | Pass       | Pyrethrins              | ND   | 0.030 | 0.003  | 0.5 | Pass |
| Diazinon            | ND   | 0.030 | 0.005 | 0.1    | Pass       | Pyridaben               | ND   | 0.030 | 0.002  | 0.1 | Pass |
| Dimethomorph        | ND   | 0.030 | 0.005 | 2      | Pass       | Spinetoram              | ND   | 0.030 | 0.001  | 0.1 | Pass |
| Etoxazole           | ND   | 0.030 | 0.004 | 0.1    | Pass       | Spinosad                | ND   | 0.030 | 0.001  | 0.1 | Pass |
| Fenhexamid          | ND   | 0.034 | 0.011 | 0.1    | Pass       | Spiromesifen            | ND   | 0.030 | 0.009  | 0.1 | Pass |
| Fenpyroximate       | ND   | 0.030 | 0.004 | 0.1    | Pass       | Spirotetramat           | ND   | 0.030 | 0.008  | 0.1 | Pass |
| Flonicamid          | ND   | 0.035 | 0.012 | 0.1    | Pass       | Tebuconazole            | ND   | 0.030 | 0.006  | 0.1 | Pass |
| Fludioxonil         | ND   | 0.036 | 0.012 | 0.1    | Pass       | Thiamethoxam            | ND   | 0.030 | 0.008  | 5   | Pass |
| Hexythiazox         | ND   | 0.030 | 0.001 | 0.1    | Pass       | Trifloxystrobin         | ND   | 0.030 | 0.003  | 0.1 | Pass |
| Imidacloprid        | ND   | 0.033 | 0.011 | 5      | 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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