



# Certificate of Analysis

CDPHE QA SAMPLE

1 of 4

ICAL ID: 20240807-014  
Sample: CA240807-009-013  
NCKO02  
Strain: NCKO02  
Category: Ingestible  
Type: Beverage

Climbing Kites, LLC  
Lic. #  
P.O. Box 655  
Salida, CO 81201  
Produced at:  
Lic. #  
Niche Beverage 4131 Turrill St Cincinnati, OH  
45223

Batch#: NCKO02  
Batch Size Collected:  
Total Batch Size:  
Collected: 08/12/2024; Received: 08/12/2024  
Completed: 08/12/2024

|                      |                        |                     |                                    |                                     |                      |
|----------------------|------------------------|---------------------|------------------------------------|-------------------------------------|----------------------|
| Moisture<br>NT       | Δ9-THC<br>3.10 mg/unit | CBD<br>3.10 mg/unit | Total Cannabinoids<br>6.20 mg/unit | Sum of Cannabinoids<br>6.20 mg/unit | Total Terpenes<br>NT |
| Water Activity<br>NT |                        |                     |                                    |                                     |                      |

## Summary

| Batch             | SOP Used                                      | Date Tested | Pass     |
|-------------------|---|-------------|----------|
| Cannabinoids      | POT-PREP-002                                  | 08/09/2024  | Complete |
| Residual Solvents | RS-PREP-001                                   | 08/09/2024  | Complete |
| Microbials        | MICRO-PREP-001                                | 08/12/2024  | Pass     |
| Mycotoxins        | PESTMICO-LC-PREP-001                          | 08/09/2024  | Pass     |
| Heavy Metals      | HM-PREP-001                                   | 08/08/2024  | Pass     |
| Pesticides        | CO-PESTMICO-LC-PREP-001 / CO-PEST-GC-PREP-001 | 08/09/2024  | Pass     |



Scan to see results

## Cannabinoid Profile

1 Unit = can, 355.05 g. 1 mL = 1 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      |
| Δ9-THC  | 0.0046     | 0.0010     | 0.001 | 0.01 | 0.01  | 3.10    | CBG          | 0.0046     | 0.0005     | ND   | ND   | ND    | ND      |
| Δ8-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  | 3.10    |
| CBDa    | 0.0049     | 0.0016     | ND    | ND   | ND    | ND      | Total CBD    |            |            | 0.00 | 0.01 | 0.01  | 3.10    |
| CBD     | 0.0046     | 0.0008     | 0.001 | 0.01 | 0.01  | 3.10    | Total        |            |            | 0.00 | 0.02 | 0.02  | 6.20    |
| CBDV    | 0.0046     | 0.0004     | ND    | ND   | ND    | ND      | Sum of       |            |            | 0.00 | 0.02 | 0.02  | 6.20    |
| CBC     | 0.0076     | 0.0025     | ND    | ND   | ND    | ND      | Cannabinoids |            |            | 0.00 | 0.02 | 0.02  | 6.20    |

Total THC = THCa \* 0.877 + Δ9-THC; Total CBD = CBDa \* 0.877 + CBD. NR = Not Reported, ND = Not Detected. Potency is reported on a dry weight basis. Instrumentation and analysis SOPs used: Cannabinoids: UHPLC-DAD (POT-INST-005), Moisture: Moisture Analyzer (MOISTURE-001). The measurement of uncertainty for total THC concentration is ± 0.009%.

## 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 CO-TERP-INST-003.



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*Josh M Swider*

Josh Swider  
Lab Director, Managing Partner  
08/12/2024

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

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 CO-RS-INST-003.

## Heavy Metal Screening

|         | µg/g | 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 than the Limit of Detection (LOD)). Analytical instrumentation used: ICP-MS; samples analyzed according to SOP CO-HM-INST-003.

## Microbiological Screening

|                           | Limit | Result       | Status |
|---------------------------|-------|--------------|--------|
|                           | CFU/g | CFU/g        |        |
| Salmonella SPP            |       | Not Detected | Pass   |
| STEC                      |       | Not Detected | Pass   |
| Total Coliforms           | 100   | NR           | NT     |
| Total Aerobic Plate Count | 10000 | NR           | NT     |
| Total Yeast and Mold      | 1000  | NR           | NT     |

ND=Not Detected. Analytical instrumentation used:qPCR and microbial plating; samples analyzed according to SOPs CO-MICRO-PREP-001 and CO-MICRO-PLATE-001.



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Total Batch Size:  
Collected: 08/12/2024; Received: 08/12/2024  
Completed: 08/12/2024

## 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 |        |        |      |
| Aldicarb         | ND   | 0.030 | 0.010  | Pass       | B1               | ND    | 7.88  | 2.6    | Tested |      |
| Carbofuran       | ND   | 0.010 | 0.005  | Pass       | B2               | ND    | 6.18  | 2.04   | Tested |      |
| Chlorfenapyr     | ND   | 0.024 | 0.008  | Pass       | G1               | ND    | 8.99  | 2.97   | Tested |      |
| Chlorpyrifos     | ND   | 0.075 | 0.010  | Pass       | G2               | ND    | 5.72  | 1.89   | Tested |      |
| Coumaphos        | ND   | 0.010 | 0.005  | Pass       | Ochratoxin A     | ND    | 11.72 | 3.87   | 20     | Pass |
| Daminozide       | ND   | 0.075 | 0.050  | Pass       | Total Aflatoxins | ND    |       | 20     | Pass   |      |
| Dichlorvos       | ND   | 0.050 | 0.020  | Pass       |                  |       |       |        |        |      |
| Dimethoate       | ND   | 0.010 | 0.005  | Pass       |                  |       |       |        |        |      |
| Ethoprophos      | ND   | 0.010 | 0.005  | Pass       |                  |       |       |        |        |      |
| Etofenprox       | ND   | 0.030 | 0.010  | Pass       |                  |       |       |        |        |      |
| Fenoxycarb       | ND   | 0.010 | 0.005  | Pass       |                  |       |       |        |        |      |
| Fipronil         | ND   | 0.010 | 0.005  | Pass       |                  |       |       |        |        |      |
| Imazalil         | ND   | 0.010 | 0.005  | Pass       |                  |       |       |        |        |      |
| Methiocarb       | ND   | 0.010 | 0.005  | Pass       |                  |       |       |        |        |      |
| Mevinphos        | ND   | 0.025 | 0.010  | Pass       |                  |       |       |        |        |      |
| MGK-264          | ND   | 0.016 | 0.005  | Pass       |                  |       |       |        |        |      |
| Paclbutrazol     | ND   | 0.010 | 0.005  | Pass       |                  |       |       |        |        |      |
| Parathion Methyl | ND   | 0.026 | 0.009  | Pass       |                  |       |       |        |        |      |
| Propoxur         | ND   | 0.010 | 0.005  | Pass       |                  |       |       |        |        |      |
| Spiroxamine      | ND   | 0.030 | 0.020  | Pass       |                  |       |       |        |        |      |
| Thiacloprid      | ND   | 0.010 | 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   | 0.100 | 0.050 | 0.25   | Pass       | Kresoxim Methyl         | ND   | 0.030 | 0.010  | 0.15  | Pass |
| Acephate            | ND   | 0.030 | 0.010 | 0.05   | Pass       | Malathion               | ND   | 0.010 | 0.005  | 0.01  | Pass |
| Acequinocyl         | ND   | 0.075 | 0.020 | 0.075  | Pass       | Metalaxyl               | ND   | 0.010 | 0.005  | 0.01  | Pass |
| Acetamiprid         | ND   | 0.030 | 0.010 | 0.05   | Pass       | Methomyl                | ND   | 0.025 | 0.010  | 0.025 | Pass |
| Azoxystrobin        | ND   | 0.010 | 0.005 | 0.01   | Pass       | Myclobutanil            | ND   | 0.010 | 0.005  | 0.01  | Pass |
| Bifenazate          | ND   | 0.010 | 0.005 | 0.01   | Pass       | Naled                   | ND   | 0.030 | 0.020  | 0.03  | Pass |
| Bifenthrin          | ND   | 0.030 | 0.005 | 0.03   | Pass       | Oxamyl                  | ND   | 0.030 | 0.020  | 1.5   | Pass |
| Boscalid            | ND   | 0.010 | 0.005 | 0.01   | Pass       | Pentachloronitrobenzene | ND   | 0.016 | 0.005  | 0.016 | Pass |
| Carbaryl            | ND   | 0.025 | 0.010 | 0.025  | Pass       | Permethrin              | ND   | 0.030 | 0.020  | 0.03  | Pass |
| Chlorantraniliprole | ND   | 0.030 | 0.010 | 0.03   | Pass       | Phosmet                 | ND   | 0.030 | 0.020  | 0.03  | Pass |
| Clofentezine        | ND   | 0.010 | 0.005 | 0.01   | Pass       | Piperonyl Butoxide      | ND   | 0.030 | 0.010  | 1.25  | Pass |
| Cyfluthrin          | ND   | 0.038 | 0.013 | 0.0384 | Pass       | Prallethrin             | ND   | 0.075 | 0.030  | 0.075 | Pass |
| Cypermethrin        | ND   | 0.053 | 0.018 | 0.0525 | Pass       | Propiconazole           | ND   | 0.030 | 0.010  | 0.03  | Pass |
| Diazinon            | ND   | 0.030 | 0.010 | 0.03   | Pass       | Pyrethrins              | ND   | 0.045 | 0.010  | 0.045 | Pass |
| Dimethomorph        | ND   | 0.030 | 0.010 | 0.03   | Pass       | Pyridaben               | ND   | 0.020 | 0.010  | 0.02  | Pass |
| Etoxazole           | ND   | 0.030 | 0.010 | 0.03   | Pass       | Spinetoram              | ND   | 0.010 | 0.005  | 0.01  | Pass |
| Fenhexamid          | ND   | 0.045 | 0.020 | 0.045  | Pass       | Spinosad                | ND   | 0.010 | 0.005  | 0.01  | Pass |
| Fenpyroximate       | ND   | 0.030 | 0.010 | 0.03   | Pass       | Spiromesifen            | ND   | 0.030 | 0.010  | 0.03  | Pass |
| Flonicamid          | ND   | 0.025 | 0.010 | 0.025  | Pass       | Spirotetramat           | ND   | 0.010 | 0.005  | 0.01  | Pass |
| Fludioxonil         | ND   | 0.010 | 0.005 | 0.01   | Pass       | Tebuconazole            | ND   | 0.010 | 0.005  | 0.01  | Pass |
| Hexythiazox         | ND   | 0.030 | 0.010 | 0.03   | Pass       | Thiamethoxam            | ND   | 0.010 | 0.005  | 0.01  | Pass |
| Imidacloprid        | ND   | 0.010 | 0.005 | 0.01   | Pass       | Trifloxystrobin         | ND   | 0.010 | 0.005  | 0.01  | 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 CO-PESTMYCO-LC-INST-004 and CO-PEST-GC-INST-004 and CO-PEST-GC-INST-003.



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## Chemical Residue Screening

| Analytes           | LOQ  | LOD   | Limit | Status | Analytes | LOQ                     | LOD  | Limit | Status |       |      |
|--------------------|------|-------|-------|--------|----------|-------------------------|------|-------|--------|-------|------|
|                    | µg/g | µg/g  | µg/g  |        |          | µg/g                    | µg/g | µg/g  |        |       |      |
| Abamectin          | ND   | 0.100 | 0.050 | 0.250  | Pass     | Fludioxonil             | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Acephate           | ND   | 0.030 | 0.010 | 0.050  | Pass     | Fluopyram               | ND   | 0.005 | 0.005  | 0.010 | Pass |
| Acequinocyl        | ND   | 0.075 | 0.020 | 0.075  | Pass     | Hexythiazox             | ND   | 0.030 | 0.010  | 0.030 | Pass |
| Acetamiprid        | ND   | 0.030 | 0.010 | 0.050  | Pass     | Imazalil                | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Aldicarb           | ND   | 0.030 | 0.010 | 0.500  | Pass     | Imidacloprid            | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Allethrin          | ND   | 0.030 | 0.015 | 0.100  | Pass     | Iprodione               | ND   | 0.475 | 0.158  | 0.500 | Pass |
| Atrazine           | ND   | 0.005 | 0.005 | 0.005  | Pass     | Kinoprene               | ND   | 0.221 | 0.074  | 1.250 | Pass |
| Azadirachtin       | ND   | 0.050 | 0.030 | 0.500  | Pass     | Kresoxim Methyl         | ND   | 0.030 | 0.010  | 0.150 | Pass |
| Azoxystrobin       | ND   | 0.010 | 0.005 | 0.010  | Pass     | Lambda-Cyhalothrin      | ND   | 0.050 | 0.030  | 0.050 | Pass |
| Benzovindiflupyr   | ND   | 0.005 | 0.005 | 0.010  | Pass     | Malathion               | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Bifenazate         | ND   | 0.010 | 0.005 | 0.010  | Pass     | Metalaxyl               | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Bifenthrin         | ND   | 0.030 | 0.005 | 0.030  | Pass     | Methiocarb              | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Boscalid           | ND   | 0.010 | 0.005 | 0.010  | Pass     | Methomyl                | ND   | 0.025 | 0.010  | 0.025 | Pass |
| Buprofezin         | ND   | 0.030 | 0.015 | 0.030  | Pass     | Methoprene              | ND   | 0.050 | 0.025  | 0.050 | Pass |
| Captan             | ND   | 0.358 | 0.120 | 5.000  | Pass     | Mevinphos               | ND   | 0.025 | 0.010  | 0.025 | Pass |
| Carbaryl           | ND   | 0.025 | 0.010 | 0.025  | Pass     | MGK-264                 | ND   | 0.016 | 0.005  | 0.050 | Pass |
| Carbofuran         | ND   | 0.010 | 0.005 | 0.010  | Pass     | Myclobutanil            | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Chlorantranilprole | ND   | 0.030 | 0.010 | 0.030  | Pass     | Naled                   | ND   | 0.030 | 0.020  | 0.030 | Pass |
| Chlordane          | ND   | 0.075 | 0.025 | 0.025  | Pass     | Novaluron               | ND   | 0.020 | 0.010  | 0.025 | Pass |
| Chlorfenapyr       | ND   | 0.024 | 0.008 | 1.500  | Pass     | Oxamyl                  | ND   | 0.030 | 0.020  | 1.500 | Pass |
| Chlorpyrifos       | ND   | 0.075 | 0.010 | 0.500  | Pass     | Pacllobutrazol          | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Clofentezine       | ND   | 0.010 | 0.005 | 0.010  | Pass     | Parathion Methyl        | ND   | 0.026 | 0.009  | 0.026 | Pass |
| Clothianidin       | ND   | 0.010 | 0.005 | 0.025  | Pass     | Pentachloronitrobenzene | ND   | 0.016 | 0.005  | 0.016 | Pass |
| Coumaphos          | ND   | 0.010 | 0.005 | 0.010  | Pass     | Permethrin              | ND   | 0.030 | 0.020  | 0.030 | Pass |
| Cyantranilprole    | ND   | 0.010 | 0.005 | 0.010  | Pass     | Phenothrin              | ND   | 0.030 | 0.015  | 0.030 | Pass |
| Cyfluthrin         | ND   | 0.038 | 0.013 | 0.038  | Pass     | Phosmet                 | ND   | 0.030 | 0.020  | 0.030 | Pass |
| Cypermethrin       | ND   | 0.053 | 0.018 | 0.053  | Pass     | Piperonyl Butoxide      | ND   | 0.030 | 0.010  | 1.250 | Pass |
| Cyprodinil         | ND   | 0.010 | 0.005 | 0.010  | Pass     | Pirimicarb              | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Daminozide         | ND   | 0.075 | 0.050 | 0.075  | Pass     | Prallethrin             | ND   | 0.075 | 0.030  | 0.075 | Pass |
| Deltamethrin       | ND   | 0.050 | 0.025 | 0.050  | Pass     | Propiconazole           | ND   | 0.030 | 0.010  | 0.030 | Pass |
| Diazinon           | ND   | 0.030 | 0.010 | 0.030  | Pass     | Propoxur                | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Dichlorvos         | ND   | 0.050 | 0.020 | 0.050  | Pass     | Pyraclostrobin          | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Dimethoate         | ND   | 0.010 | 0.005 | 0.010  | Pass     | Pyrethrins              | ND   | 0.045 | 0.010  | 0.045 | Pass |
| Dimethomorph       | ND   | 0.030 | 0.010 | 0.030  | Pass     | Pyridaben               | ND   | 0.020 | 0.010  | 0.020 | Pass |
| Dinotefuran        | ND   | 0.050 | 0.025 | 0.050  | Pass     | Pyriproxifen            | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Diuron             | ND   | 0.010 | 0.005 | 0.010  | Pass     | Resmethrin              | ND   | 0.050 | 0.025  | 0.050 | Pass |
| Dodemorph          | ND   | 0.020 | 0.010 | 0.020  | Pass     | Spinetoram              | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Endosulfan I       | ND   | 0.353 | 0.118 | 2.500  | Pass     | Spinosad                | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Endosulfan II      | ND   | 0.239 | 0.080 | 2.500  | Pass     | Spirodiclofen           | ND   | 0.050 | 0.025  | 0.050 | Pass |
| Endosulfan Sulfate | ND   | 0.026 | 0.009 | 2.500  | Pass     | Spiromesifen            | ND   | 0.030 | 0.010  | 0.030 | Pass |
| Ethoprophos        | ND   | 0.010 | 0.005 | 0.010  | Pass     | Spirotetramat           | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Etofenprox         | ND   | 0.030 | 0.010 | 0.030  | Pass     | Spiroxamine             | ND   | 0.030 | 0.020  | 0.030 | Pass |
| Etoxazole          | ND   | 0.030 | 0.010 | 0.030  | Pass     | Tebuconazole            | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Etridiazole        | ND   | 0.044 | 0.015 | 0.150  | Pass     | Tebufenazole            | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Fenhexamid         | ND   | 0.045 | 0.020 | 0.045  | Pass     | Teflubenzuron           | ND   | 0.020 | 0.010  | 0.025 | Pass |
| Fenoxycarb         | ND   | 0.010 | 0.005 | 0.010  | Pass     | Tetrachlorvinphos       | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Fenpyroximate      | ND   | 0.030 | 0.010 | 0.030  | Pass     | Tetramethrin            | ND   | 0.050 | 0.025  | 0.050 | Pass |
| Fensulfothion      | ND   | 0.010 | 0.005 | 0.010  | Pass     | Thiabendazole           | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Fenthion           | ND   | 0.007 | 0.002 | 0.010  | Pass     | Thiacloprid             | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Fenvalerate        | ND   | 0.402 | 0.134 | 0.402  | Pass     | Thiamethoxam            | ND   | 0.010 | 0.005  | 0.010 | Pass |
| Fipronil           | ND   | 0.010 | 0.005 | 0.010  | Pass     | Thiophanate-Methyl      | ND   | 0.020 | 0.010  | 0.020 | Pass |
| Flonicamid         | ND   | 0.025 | 0.010 | 0.025  | Pass     | Trifloxystrobin         | ND   | 0.010 | 0.005  | 0.010 | Pass |

| Mycotoxins | LOQ   | LOD   | Limit | Status | Mycotoxins       | LOQ   | LOD   | Limit | Status |      |
|------------|-------|-------|-------|--------|------------------|-------|-------|-------|--------|------|
|            | µg/kg | µg/kg | µg/kg |        |                  | µg/kg | µg/kg | µg/kg |        |      |
| B1         | ND    | 7.88  | 2.6   | Tested | G2               | ND    | 5.72  | 1.89  | Tested |      |
| B2         | ND    | 6.18  | 2.04  | Tested | Ochratoxin A     | ND    | 11.72 | 3.87  | 20     | Pass |
| G1         | ND    | 8.99  | 2.97  | Tested | Total Aflatoxins | ND    |       |       | 20     | 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 CO-PESTMYCO-LC-INST-004 and CO-PEST-GC-INST-004 and CO-PEST-GC-INST-003.



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This product has been tested by Infinite Chemical Analysis Labs, LLC using validated testing methods and a quality control system as required by state law. Sample processing and testing was performed in accordance with CDPHE Colorado Wholesale Food, Industrial Hemp, and Shellfish Regulations (6 CCR 1010-21). Values reported relate only to the product tested. Infinite Chemical Analysis Labs, LLC makes no claims pertaining 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 Labs, LLC.

## Certificate of Analysis Appendix

### Residual Solvents - Utah Industrial Hemp

| Analyte               | Result (ug/g) | LOD (ug/g) | LOQ (ug/g) | Action Limit(ug/g) | Status |
|-----------------------|---------------|------------|------------|--------------------|--------|
| 1,2 Dimethoxyethane   | ND            | 5.9917     | 17.975     | 100                | Pass   |
| 1,4 Dioxane           | ND            | 12.8684    | 38.6052    | 380                | Pass   |
| 1-Butanol             | ND            | 3.1446     | 9.4337     | 5,000              | Pass   |
| 1-Pentanol            | ND            | 9.9794     | 29.9383    | 5,000              | Pass   |
| 1-Propanol            | ND            | 6.9987     | 20.9962    | 5,000              | Pass   |
| 2-Butanol             | ND            | 9.5709     | 28.7127    | 5,000              | Pass   |
| 2-Butanone            | ND            | 7.2129     | 21.6386    | 5,000              | Pass   |
| 2-Ethoxyethanol       | ND            | 3.8723     | 11.6169    | 160                | Pass   |
| 2-methylbutane        | ND            | 0.679      | 2.037      | 5,000              | Pass   |
| 2-methylpentane       | ND            | 9.0715     | 27.2145    | 290                | Pass   |
| 3-methylpentane       | ND            | 7.3795     | 22.1384    | 290                | Pass   |
| 2-Propanol (IPA)      | ND            | 11.5286    | 34.5857    | 5,000              | Pass   |
| Acetone               | ND            | 8.2267     | 24.6802    | 5,000              | Pass   |
| Acetonitrile          | ND            | 8.3746     | 25.1238    | 410                | Pass   |
| Benzene               | ND            | 0.3588     | 1.0763     | 2                  | Pass   |
| Butane                | ND            | 9.552      | 28.6559    | 5,000              | Pass   |
| Cumene                | ND            | 8.32       | 24.96      | 70                 | Pass   |
| Cyclohexane           | ND            | 8.4235     | 25.2705    | 3,880              | Pass   |
| Dichloromethane       | ND            | 3.9511     | 11.8533    | 600                | Pass   |
| 2,2-dimethylbutane    | ND            | 0.8804     | 2.6412     | 290                | Pass   |
| 2,3-dimethylbutane    | ND            | 0.9493     | 2.8479     | 290                | Pass   |
| Dimethyl sulfoxide    | ND            | 8.3992     | 25.1976    | 5,000              | Pass   |
| Ethanol               | 761.3821      | 4.8156     | 14.4469    | 5,000              | Pass   |
| Ethyl acetate         | ND            | 14.2542    | 42.7625    | 5,000              | Pass   |
| Ethyl ether           | ND            | 6.8124     | 20.4372    | 5,000              | Pass   |
| Ethylene glycol       | ND            | 3.4447     | 10.334     | 620                | Pass   |
| Ethylene Oxide        | ND            | 6.5244     | 19.5733    | 50                 | Pass   |
| Heptane               | ND            | 0.4144     | 1.2431     | 5,000              | Pass   |
| Hexane                | ND            | 0.5026     | 1.5078     | 290                | Pass   |
| Isobutane             | ND            | 10.2495    | 30.7486    | 5,000              | Pass   |
| Isopropyl acetate     | ND            | 4.1274     | 12.3823    | 5,000              | Pass   |
| Methanol              | ND            | 18.42      | 55.26      | 3,000              | Pass   |
| N,N-dimethylacetamide | ND            | 268.955    | 806.8649   | 1,090              | Pass   |
| N,N-dimethylformamide | ND            | 2.7382     | 8.2147     | 880                | Pass   |
| Pentane               | ND            | 0.8382     | 2.5146     | 5,000              | Pass   |
| Propane               | ND            | 7.9467     | 23.8402    | 5,000              | Pass   |
| Pyridine              | ND            | 19.55      | 58.64      | 100                | Pass   |
| Sulfolane             | ND            | 22.886     | 68.6581    | 160                | Pass   |
| Tetrahydrofuran       | ND            | 6.2156     | 18.6469    | 720                | Pass   |
| Toluene               | ND            | 0.4061     | 1.2184     | 890                | Pass   |
| Total Xylenes         | ND            | 10.3738    | 31.1216    | 2,170              | Pass   |

*Josh M Swider*

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NCKO02  
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