



DEA No. RA0571996  
FL License # CMTL-0003  
CLIA No. 10D1094068

## Certificate of Analysis

Compliance Test

**SKYHIO**  
8500 E 116TH ST 443  
FISHERS, IN 46038

Batch # 11JAN2023-SKYLRYFS  
Batch Date: 2023-01-11  
Extracted From: Hemp

Sampling Method: MSP 7.3.1  
Test Reg State: Florida

Order # SKY230116-130001  
Order Date: 2023-01-16  
Sample # AADZ347

Sampling Date: 2023-01-18  
Lab Batch Date: 2023-01-18  
Completion Date: 2023-01-23

Initial Gross Weight: 13.474 g



Product Image



Acetic Anhydride  
Tested



Potency  
Tested



Terpenes  
Tested



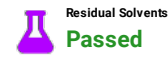
Heavy Metals  
Passed



Mycotoxins  
Passed



Pesticides  
Passed



Residual Solvents  
Passed



Pathogenic Microbiology  
Passed



Listeria Monocytogenes  
Passed

### Potency 23 (LCUV)

Specimen Weight: 53.170 mg

Tested  
SOP13.002 (LCUV)

| Analyte               | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%)     |
|-----------------------|----------------|---------|---------|---------------|---------|
| Delta-9 THC-O Acetate | 1000.000       | 7.70E-5 | 0.003   | 712.6790      | 71.2679 |
| Delta-8 THC-O Acetate | 100.000        | 2.70E-5 | 0.003   | 180.7130      | 18.0713 |
| CBC                   | 100.000        | 1.80E-5 | 0.0015  | 40.2280       | 4.0228  |
| CBD                   | 100.000        | 5.40E-5 | 0.0015  | 20.5730       | 2.0573  |
| CBT                   | 10.000         | 2.00E-4 | 0.0015  | 6.9930        | 0.6993  |
| CBN                   | 10.000         | 1.40E-5 | 0.0015  | 1.1390        | 0.1139  |
| Delta-9 THC           | 10.000         | 1.30E-5 | 0.0015  | 1.0690        | 0.1069  |
| THCA-A                | 10.000         | 3.20E-5 | 0.0015  | 0.8350        | 0.0835  |
| CBL                   | 10.000         | 3.50E-5 | 0.0015  | 0.2300        | 0.0230  |
| CBGA                  | 10.000         | 1.07E-4 | 0.0015  | <LOQ          | <LOQ    |
| CBDA                  | 10.000         | 1.00E-5 | 0.0015  | <LOQ          | <LOQ    |
| CBDV                  | 10.000         | 6.50E-5 | 0.0015  | <LOQ          | <LOQ    |
| CBDA                  | 10.000         | 1.40E-5 | 0.0015  | <LOQ          | <LOQ    |
| CBG                   | 10.000         | 2.48E-4 | 0.0015  | <LOQ          | <LOQ    |
| CBGA                  | 10.000         | 8.00E-5 | 0.0015  | <LOQ          | <LOQ    |
| CBNA                  | 10.000         | 9.50E-5 | 0.0015  | <LOQ          | <LOQ    |
| Delta-8 THC           | 10.000         | 2.60E-5 | 0.0015  | <LOQ          | <LOQ    |
| Delta-8 THCV          | 10.000         | 4.00E-5 | 0.0015  | <LOQ          | <LOQ    |
| Delta-8-THCP          | 10.000         | 3.75E-4 | 0.0015  | <LOQ          | <LOQ    |
| Delta-9-THCP          | 10.000         | 1.17E-5 | 0.0012  | <LOQ          | <LOQ    |
| Exo-THC               | 10.000         | 2.30E-4 | 0.0015  | <LOQ          | <LOQ    |
| THCV                  | 10.000         | 7.00E-6 | 0.0015  | <LOQ          | <LOQ    |
| THCVA                 | 10.000         | 4.70E-5 | 0.0015  | <LOQ          | <LOQ    |

### Potency Summary

|                                    |                                    |
|------------------------------------|------------------------------------|
| Total Active THC<br>0.180% <LOQ    | Total Active CBD<br>2.057% <LOQ    |
| Total CBG<br>None Detected         | Total CBN<br>0.114% <LOQ           |
| Other Cannabinoids<br>94.084% <LOQ | Total Cannabinoids<br>96.436% <LOQ |

### Terpenes Summary

| Analyte             | Result (mg/g) | (%)    |
|---------------------|---------------|--------|
| (R)-(+)-Limonene    | 10.576        | 1.058% |
| trans-Caryophyllene | 9.09          | 0.909% |
| beta-Myrcene        | 4.548         | 0.455% |
| Linalool            | 2.518         | 0.252% |
| alpha-Humulene      | 2.005         | 0.201% |
| Borneol             | 1.696         | 0.17%  |
| alpha-Pinene        | 1.373         | 0.137% |
| beta-Pinene         | 1.289         | 0.129% |
| Fenchyl Alcohol     | 1.282         | 0.128% |
| alpha-Phellandrene  | 1.063         | 0.106% |

Total Terpenes: 3.545%

Detailed Terpenes Analysis is on the following page

Aixa Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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Lab Batch Date: 2023-01-18  
Completion Date: 2023-01-23

Initial Gross Weight: 13.474 g



### Pesticides FL V4

Specimen Weight: 266.100 mg

Dilution Factor: 5.640

| Analyte             | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte                 | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|---------------------|-----------|-----------|--------------------|--------------|-------------------------|-----------|-----------|--------------------|--------------|
| Abamectin           | 2.8800E-1 | 28.23     | 300                | <LOQ         | Fludioxonil             | 1.7400E+0 | 48        | 3000               | <LOQ         |
| Acephate            | 2.3000E-2 | 30        | 3000               | <LOQ         | Hexythiazox             | 4.9000E-2 | 30        | 2000               | <LOQ         |
| Acequinocyl         | 9.5640E+0 | 48        | 2000               | <LOQ         | Imazalil                | 2.4800E-1 | 30        | 100                | <LOQ         |
| Acetamiprid         | 5.2000E-2 | 30        | 3000               | <LOQ         | Imidacloprid            | 9.4000E-2 | 30        | 3000               | <LOQ         |
| Aldicarb            | 2.6000E-2 | 30        | 100                | <LOQ         | Kresoxim Methyl         | 4.2000E-2 | 30        | 1000               | <LOQ         |
| Azoxystrobin        | 8.1000E-2 | 10        | 3000               | <LOQ         | Malathion               | 8.2000E-2 | 30        | 2000               | <LOQ         |
| Bifenazate          | 1.4150E+0 | 30        | 3000               | <LOQ         | Metaxyl                 | 8.1000E-2 | 10        | 3000               | <LOQ         |
| Bifenthrin          | 4.3000E-2 | 30        | 500                | <LOQ         | Methiocarb              | 3.2000E-2 | 30        | 100                | <LOQ         |
| Boscalid            | 5.5000E-2 | 10        | 3000               | <LOQ         | Methomyl                | 2.2000E-2 | 30        | 100                | <LOQ         |
| Captan              | 6.1200E+0 | 30        | 3000               | <LOQ         | methyl-Parathion        | 1.7100E+0 | 10        | 100                | <LOQ         |
| Carbaryl            | 2.2000E-2 | 10        | 500                | <LOQ         | Mevinphos               | 2.1500E+0 | 10        | 100                | <LOQ         |
| Carbofuran          | 3.4000E-2 | 10        | 100                | <LOQ         | Myclobutanil            | 1.0290E+0 | 30        | 3000               | <LOQ         |
| Chlorantraniliprole | 3.3000E-2 | 10        | 3000               | <LOQ         | Naled                   | 9.5000E-2 | 30        | 500                | <LOQ         |
| Chlordane           | 1.0000E+1 | 10        | 100                | <LOQ         | Oxamyl                  | 2.5000E-2 | 30        | 500                | <LOQ         |
| Chlorfenapyr        | 3.4000E-2 | 30        | 100                | <LOQ         | Paclobutrazol           | 6.5000E-2 | 30        | 100                | <LOQ         |
| Chlomequat Chloride | 1.0800E-1 | 10        | 3000               | <LOQ         | Pentachloronitrobenzene | 1.3200E+0 | 10        | 200                | <LOQ         |
| Chlorpyrifos        | 3.5000E-2 | 30        | 100                | <LOQ         | Permethrin              | 3.4300E-1 | 30        | 1000               | <LOQ         |
| Clofentezine        | 1.1900E-1 | 30        | 500                | <LOQ         | Phosmet                 | 8.2000E-2 | 30        | 200                | <LOQ         |
| Coumaphos           | 3.7700E+0 | 48        | 100                | <LOQ         | Piperonylbutoxide       | 2.9000E-2 | 30        | 3000               | <LOQ         |
| Cyfluthrin          | 3.1100E+0 | 30        | 1000               | <LOQ         | Prallethrin             | 7.9800E-1 | 30        | 400                | <LOQ         |
| Cypermethrin        | 1.4490E+0 | 30        | 1000               | <LOQ         | Propiconazole           | 7.0000E-2 | 30        | 1000               | <LOQ         |
| Daminozide          | 8.8500E-1 | 30        | 100                | <LOQ         | Propoxur                | 4.6000E-2 | 30        | 100                | <LOQ         |
| Diazinon            | 4.4000E-2 | 30        | 200                | <LOQ         | Pyrethrins              | 2.3593E+1 | 30        | 1000               | <LOQ         |
| Dichlorvos          | 2.1820E+0 | 30        | 100                | <LOQ         | Pyridaben               | 3.2000E-2 | 30        | 3000               | <LOQ         |
| Dimethoate          | 2.1000E-2 | 30        | 100                | <LOQ         | Spinetoram              | 8.0000E-2 | 10        | 3000               | <LOQ         |
| Dimethomorph        | 5.8300E+0 | 48        | 3000               | <LOQ         | Spinosad                | 8.8000E-2 | 30        | 3000               | <LOQ         |
| Ethoprophos         | 3.6000E-1 | 30        | 100                | <LOQ         | Spiromesifen            | 2.6100E-1 | 30        | 3000               | <LOQ         |
| Etofenprox          | 1.1600E-1 | 30        | 100                | <LOQ         | Spirotetramat           | 8.9000E-2 | 30        | 3000               | <LOQ         |
| Etoxazole           | 9.5000E-2 | 30        | 1500               | <LOQ         | Spiroxamine             | 1.3100E-1 | 30        | 100                | <LOQ         |
| Fenhexamid          | 5.1000E-1 | 10        | 3000               | <LOQ         | Tebuconazole            | 6.7000E-2 | 30        | 1000               | <LOQ         |
| Fenoxycarb          | 1.0700E-1 | 30        | 100                | <LOQ         | Thiacloprid             | 6.4000E-2 | 30        | 100                | <LOQ         |
| Fenpyroximate       | 1.3800E-1 | 30        | 2000               | <LOQ         | Thiamethoxam            | 5.0000E-2 | 30        | 1000               | <LOQ         |
| Fipronil            | 1.0700E-1 | 30        | 100                | <LOQ         | Trifloxystrobin         | 3.7000E-2 | 30        | 3000               | <LOQ         |
| Flonicamid          | 5.1700E-1 | 30        | 2000               | <LOQ         |                         |           |           |                    |              |

**Passed**  
SOP13.007  
(LCMS/GCMS)



### Pathogenic Microbiology SAE (MicroArray)

**Passed**  
SOP13.019  
(Micro Array)

Specimen Weight: 1033.430 mg

Dilution Factor: 1.000

| Analyte               | Result (cfu/g) | Analyte             | Result (cfu/g) |
|-----------------------|----------------|---------------------|----------------|
| Aspergillus flavus    | Absence in 1g  | Aspergillus terreus | Absence in 1g  |
| Aspergillus fumigatus | Absence in 1g  | Salmonella          | Absence in 1g  |
| Aspergillus niger     | Absence in 1g  | STEC E. Coli        | Absence in 1g  |



### Acetic Anhydride

Specimen Weight: 101.500 mg

Dilution Factor: 1.000

| Analyte          | LOD (ppm) | LOQ (ppm) | Result (ppm) |
|------------------|-----------|-----------|--------------|
| Acetic Anhydride | .527      | 50        | <LOQ         |



### Listeria Monocytogenes

Specimen Weight: 995.970 mg

Dilution Factor: 1.000

| Analyte                | Action Level (cfu/g) | Result        |
|------------------------|----------------------|---------------|
| Listeria Monocytogenes | 1                    | Absence in 1g |

**Passed**  
SOP13.032  
(qPCR)

Aixa Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)



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### Terpenes

Specimen Weight: 53.170 mg

### Tested

SOP13.045 (GC/GCMS)

Dilution Factor: 20.000

| Analyte             | LOQ (%) | Result (mg/g) | (%)   | Analyte          | LOQ (%) | Result (mg/g) | (%) |
|---------------------|---------|---------------|-------|------------------|---------|---------------|-----|
| (R)-(+)-Limonene    | 0.002   | 10.576        | 1.058 | Eucalyptol       | 0.002   | <LOQ          |     |
| trans-Caryophyllene | 0.002   | 9.090         | 0.909 | Farnesene        | 0.002   | <LOQ          |     |
| beta-Myrcene        | 0.002   | 4.548         | 0.455 | Fenchone         | 0.002   | <LOQ          |     |
| Linalool            | 0.002   | 2.518         | 0.252 | Gamma-Terpinene  | 0.002   | <LOQ          |     |
| alpha-Humulene      | 0.002   | 2.005         | 0.201 | Geraniol         | 0.002   | <LOQ          |     |
| Borneol             | 0.004   | 1.696         | 0.170 | Geranyl acetate  | 0.002   | <LOQ          |     |
| alpha-Pinene        | 0.002   | 1.373         | 0.137 | Guaiol           | 0.002   | <LOQ          |     |
| beta-Pinene         | 0.002   | 1.289         | 0.129 | Hexahydrothymol  | 0.002   | <LOQ          |     |
| Fenchyl Alcohol     | 0.002   | 1.282         | 0.128 | Isoborneol       | 0.002   | <LOQ          |     |
| alpha-Phellandrene  | 0.002   | 1.063         | 0.106 | Isopulegol       | 0.002   | <LOQ          |     |
| (+)-Cedrol          | 0.002   | <LOQ          |       | Nerol            | 0.002   | <LOQ          |     |
| 3-Carene            | 0.002   | <LOQ          |       | Ocimene          | 0.00033 | <LOQ          |     |
| alpha-Bisabolol     | 0.002   | <LOQ          |       | Pulegone         | 0.002   | <LOQ          |     |
| alpha-Cedrene       | 0.002   | <LOQ          |       | Sabinene         | 0.002   | <LOQ          |     |
| alpha-Terpinene     | 0.002   | <LOQ          |       | Sabinene Hydrate | 0.002   | <LOQ          |     |
| Camphene            | 0.002   | <LOQ          |       | Terpinolene      | 0.002   | <LOQ          |     |
| Camphors            | 0.006   | <LOQ          |       | Total Terpeneol  | 0.00126 | <LOQ          |     |
| Caryophyllene oxide | 0.002   | <LOQ          |       | trans-Nerolidol  | 0.002   | <LOQ          |     |
| cis-Nerolidol       | 0.002   | <LOQ          |       | Valencene        | 0.002   | <LOQ          |     |

Total Terpenes: 3.545%



### Residual Solvents - FL (CBD)

Specimen Weight: 11.500 mg

### Passed

SOP13.039 (GCMS)

Dilution Factor: 1.000

| Analyte            | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte            | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|--------------------|-----------|-----------|--------------------|--------------|--------------------|-----------|-----------|--------------------|--------------|
| 1,1-Dichloroethene | 0.0094    | 0.16      | 8                  | <LOQ         | Heptane            | 0.0013    | 1.39      | 5000               | <LOQ         |
| 1,2-Dichloroethane | 0.0003    | 0.04      | 5                  | <LOQ         | Hexane             | 0.068     | 1.17      | 290                | <LOQ         |
| Acetone            | 0.015     | 2.08      | 5000               | <LOQ         | Isopropyl alcohol  | 0.0048    | 1.39      | 500                | <LOQ         |
| Acetonitrile       | 0.06      | 1.17      | 410                | <LOQ         | Methanol           | 0.0005    | 0.69      | 3000               | <LOQ         |
| Benzene            | 0.0002    | 0.02      | 2                  | <LOQ         | Methylene chloride | 0.0029    | 2.43      | 600                | <LOQ         |
| Butanes            | 0.4167    | 2.5       | 2000               | <LOQ         | Pentane            | 0.037     | 2.08      | 5000               | <LOQ         |
| Chloroform         | 0.0001    | 0.04      | 60                 | <LOQ         | Propane            | 0.031     | 5.83      | 2100               | <LOQ         |
| Ethanol            | 0.0021    | 2.78      | 5000               | <LOQ         | Toluene            | 0.0009    | 2.92      | 890                | <LOQ         |
| Ethyl Acetate      | 0.0012    | 1.11      | 5000               | <LOQ         | Total Xylenes      | 0.0001    | 2.92      | 2170               | <LOQ         |
| Ethyl Ether        | 0.0049    | 1.39      | 5000               | <LOQ         | Trichloroethylene  | 0.0014    | 0.49      | 80                 | <LOQ         |
| Ethylene Oxide     | 0.0038    | 0.1       | 5                  | <LOQ         |                    |           |           |                    |              |

Aixa Sun Lab Director/Principal Scientist  
D.H.Sc., M.Sc., B.Sc., MT (AAB)

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### Mycotoxins

Specimen Weight: 266.100 mg

**Passed**  
SOP13.007 (LCMS)

Dilution Factor: 5.640

| Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Aflatoxin B1 | 3.0400E-1 | 6         | 20                 | <LOQ         | Aflatoxin G2 | 2.7100E-1 | 6         | 20                 | <LOQ         |
| Aflatoxin B2 | 7.7000E-2 | 6         | 20                 | <LOQ         | Ochratoxin A | 7.5400E-1 | 3.8       | 20                 | <LOQ         |
| Aflatoxin G1 | 3.0400E-1 | 6         | 20                 | <LOQ         |              |           |           |                    |              |



### Heavy Metals

Specimen Weight: 246.550 mg

**Passed**  
SOP13.048 (ICP-MS)

Dilution Factor: 202

| Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte      | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | 4.83      | 100       | 1500               | <LOQ         | Lead (Pb)    | 11.76     | 100       | 500                | <LOQ         |
| Cadmium (Cd) | .64       | 100       | 500                | <LOQ         | Mercury (Hg) | .58       | 100       | 3000               | <LOQ         |

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Definitions and Abbreviations used in this report: Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9 THC, Total THCV = THCV + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + Delta8-THCV + Total CBG + Total CBD + Total THCV + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate. (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = aw (area ratio) = Area Ratio, (mg/Kg) = Milligram per Kilogram, \*Measurement of Uncertainty = +/- 10%

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