green analytics ny, llc

Green Analytics NY, LLC
401 North Middletown Road, Building 60B
Pearl River, NY 10965
www.greenanalyticsllc.com
License #s: OCM-CPL-00013
ISO 17025 Certificate No.: 4356.09

# Certificate of Analysis
## Full Compliance Test

# Sample Result: PASS

| | | | |
|---|---|---|---|
| **Date Reported:** | 12/12/2024 | **Sample ID:** | 20241203-WESS-003 |
| **Client Name:** | Wessels Farms, Inc | **Sample Name:** | Flower Sample |
| **Sampling Location:** | Otisville, New York | **Sample Matrix:** | Flower |
| **Contact Name:** | Ila Hubbard | **Sample Sub Type:** | Flower |
| **Contact Email:** | Ila@puracali.com | **Package ID:** | |
| **License Number:** | OCM-CULT-24-000089 | **Batch Lot ID:** | 281-091724-GMOCOOK |
| **Medical/Adult Use:** | Adult Use | **Batch Size:** | 3200 |
| **Sampling Date:** | 12/03/2024 09:00:00 AM | **Serving Size (g):** | 1 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Potency** | T | **Pesticides** | P | **Heavy Metals** | P | **Mycotoxins** | P |
| **Water Activity** | P | **Microbiological** | P | **Residual Solvents** | - | **Terpenes** | P |
| | | **Moisture** | P | **Filth & Foreign Material** | P | | |

"-" = Not Tested; "T" = Tested; "P" = Pass; "F" = Fail

## Cannabinoids: Flower Sample (20241203-WESS-003)

Potency analysis utilizing HPLC (HPLC-UV: SOP-073-GA)

| Analyte | % w/w | mg/serving | MRL (% w/w) |
|---|---|---|---|
| CBDV | < MRL | < MRL | 0.250 |
| CBDA | 0.905 | 9.054 | 0.250 |
| CBGA | 1.271 | 12.711 | 0.250 |
| CBG | < MRL | < MRL | 0.250 |
| CBD | < MRL | < MRL | 0.250 |
| THCV | < MRL | < MRL | 0.250 |
| CBN | < MRL | < MRL | 0.250 |
| D9-THC | 2.105 | 21.046 | 0.250 |
| D8-THC | < MRL | < MRL | 0.250 |
| D10-THC-S | < MRL | < MRL | 0.250 |
| D10-THC-R | < MRL | < MRL | 0.250 |
| CBC | < MRL | < MRL | 0.250 |
| THCA | 20.426 | 204.264 | 0.250 |

MRL = Minimum reporting limit/limit of quantification
mg/serving = % w/w x10 x serving size weight (g)
Reported on a dry-weight basis based on the calculation:
(wet sample % x 100)/(100 - %MC)

Test ID: #86393 | Date Tested: 12/08/2024 09:39 AM

| Potency Summary | % w/w | mg/serving |
|---|---|---|
| **Total THC** [ Δ8-THC + Δ9-THC + Δ10-THC + (THCA * 0.877)) ] | 20.019 | 200.185 |
| **Total CBD** [ CBD + (CBDA * 0.877) ] | 0.794 | 7.940 |
| **Total Cannabinoids** | 24.707 | 247.075 |

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Action limits are set according to the New York State Office of Cannabis Management Testing Limits. A sample is deemed acceptable when all analyte values are within those state determined limits. Laboratory determined measurement uncertainty is available by request.

green analytics ny, llc

Green Analytics NY, LLC
401 North Middletown Road, Building 60B
Pearl River, NY 10965
www.greenanalyticsllc.com
License #s: OCM-CPL-00013
ISO 17025 Certificate No.: 4356.09

# Certificate of Analysis
## Full Compliance Test

## Terpenes: Flower Sample (20241203-WESS-003)

Terpenes analysis utilizing GC-MS (GC-MS: SOP-063-GA, SOP-069-GA)

| Analyte | Result (% w/w) | MRL (% w/w) |
|---|---|---|
| alpha-Pinene | < MRL | 0.05 |
| Camphene | < MRL | 0.05 |
| Sabinene | < MRL | 0.05 |
| beta-Pinene | < MRL | 0.05 |
| beta-Myrcene | 0.48 | 0.05 |
| Alpha-phellandrene | < MRL | 0.05 |
| Carene | < MRL | 0.05 |
| alpha-terpinene | < MRL | 0.05 |
| p-Cymene | < MRL | 0.05 |
| Limonene | 0.16 | 0.05 |
| Eucalyptol | < MRL | 0.05 |
| Ocimene | < MRL | 0.04 |
| gamma-Terpinene | < MRL | 0.05 |
| Sabinene Hydrate | < MRL | 0.05 |
| Terpinolene | < MRL | 0.05 |
| Linalool | 0.08 | 0.05 |
| Fenchol | < MRL | 0.05 |
| Menthol | < MRL | 0.05 |
| Terpineol | < MRL | 0.05 |
| Citronellol | < MRL | 0.05 |
| Isopulegol | < MRL | 0.05 |
| Geraniol | < MRL | 0.05 |
| Alpha-cedrene | < MRL | 0.04 |
| Beta-Caryophyllene | 0.20 | 0.05 |
| Farnesene | < MRL | 0.05 |
| alpha-Humulene | 0.08 | 0.05 |
| Valencene | < MRL | 0.05 |
| cis-Nerolidol | < MRL | 0.02 |
| trans-Nerolidol | < MRL | 0.03 |
| Caryophyllene oxide | < MRL | 0.05 |
| Guaiol | < MRL | 0.05 |
| alpha-Bisabolol | < MRL | 0.05 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #86400 | Date Tested: 12/06/2024 01:52 PM

| Terpenes Summary | Result | Limit | Pass/Fail |
|---|---|---|---|
| **Total Terpenes (% w/w)** | 1.00 | 10 | PASS |

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Action limits are set according to the New York State Office of Cannabis Management Testing Limits. A sample is deemed acceptable when all analyte values are within those state determined limits. Laboratory determined measurement uncertainty is available by request.

green analytics ny, llc

Green Analytics NY, LLC
401 North Middletown Road, Building 60B
Pearl River, NY 10965
www.greenanalyticsllc.com
License #s: OCM-CPL-00013
ISO 17025 Certificate No.: 4356.09

# Certificate of Analysis
## Full Compliance Test

## Pesticides: Flower Sample (20241203-WESS-003) PASS

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS: SOP-062-GA, SOP-070-GA)

| Analyte | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|---|---|---|---|---|
| Abamectin | PASS | < MRL | 0.50 | 0.100 |
| Acephate | PASS | < MRL | 0.40 | 0.100 |
| Acequinocyl | PASS | < MRL | 2.00 | 0.100 |
| Acetamiprid | PASS | < MRL | 0.20 | 0.100 |
| Aldicarb | PASS | < MRL | 0.40 | 0.100 |
| Azadirachtin | PASS | < MRL | 1.00 | 0.250 |
| Azoxystrobin | PASS | < MRL | 0.20 | 0.100 |
| Bifenazate | PASS | < MRL | 0.20 | 0.100 |
| Bifenthrin | PASS | < MRL | 0.20 | 0.100 |
| Boscalid | PASS | < MRL | 0.40 | 0.100 |
| Captan | PASS | < MRL | 1.00 | 0.500 |
| Carbaryl | PASS | < MRL | 0.20 | 0.100 |
| Carbofuran | PASS | < MRL | 0.20 | 0.100 |
| Chlorantranilprole | PASS | < MRL | 0.20 | 0.100 |
| Chlordane | PASS | < MRL | 1.00 | 0.250 |
| Chlorfenapyr | PASS | < MRL | 1.00 | 0.050 |
| Chlormequat chloride | PASS | < MRL | 1.00 | 0.100 |
| Chlorpyrifos | PASS | < MRL | 0.20 | 0.100 |
| Clofentezine | PASS | < MRL | 0.20 | 0.100 |
| Coumaphos | PASS | < MRL | 1.00 | 0.100 |
| Cyfluthrin | PASS | < MRL | 1.00 | 0.100 |
| Cypermethrin | PASS | < MRL | 1.00 | 0.100 |
| Daminozide | PASS | < MRL | 1.00 | 0.100 |
| Diazinon | PASS | < MRL | 0.20 | 0.100 |
| Dichlorvos | PASS | < MRL | 1.00 | 0.100 |
| Dimethoate | PASS | < MRL | 0.20 | 0.100 |
| Dimethomorph | PASS | < MRL | 1.00 | 0.100 |
| Ethoprophos | PASS | < MRL | 0.20 | 0.100 |
| Etofenprox | PASS | < MRL | 0.40 | 0.100 |
| Etoxazole | PASS | < MRL | 0.20 | 0.100 |
| Fenhexamid | PASS | < MRL | 1.00 | 0.100 |
| Fenoxycarb | PASS | < MRL | 0.20 | 0.100 |
| Fenpyroximate | PASS | < MRL | 0.40 | 0.100 |
| Fipronil | PASS | < MRL | 0.40 | 0.100 |
| Flonicamid | PASS | < MRL | 1.00 | 0.100 |
| Fludioxonil | PASS | < MRL | 0.40 | 0.100 |
| Hexythiazox | PASS | < MRL | 1.00 | 0.100 |
| Imazalil | PASS | < MRL | 0.20 | 0.100 |
| Imidacloprid | PASS | < MRL | 0.40 | 0.100 |
| Indole-3-butyric acid | PASS | < MRL | 1.00 | 0.250 |
| Kresoxim-methyl | PASS | < MRL | 0.40 | 0.100 |
| Malathion | PASS | < MRL | 0.20 | 0.100 |
| Metalaxyl | PASS | < MRL | 0.20 | 0.100 |
| Methiocarb | PASS | < MRL | 0.20 | 0.100 |
| Methomyl | PASS | < MRL | 0.40 | 0.100 |
| Methyl Parathion | PASS | < MRL | 0.20 | 0.050 |
| Mevinphos | PASS | < MRL | 1.00 | 0.100 |
| MGK-264 I/II | PASS | < MRL | 0.20 | 0.100 |
| Myclobutanil | PASS | < MRL | 0.20 | 0.100 |
| Naled | PASS | < MRL | 0.50 | 0.100 |
| Oxamyl | PASS | < MRL | 1.00 | 0.100 |
| Paclobutrazol | PASS | < MRL | 0.40 | 0.100 |
| Pentachloronitrobenzene | PASS | < MRL | 1.00 | 0.250 |
| Permethrins, total | PASS | < MRL | 0.20 | 0.100 |
| Phosmet | PASS | < MRL | 0.20 | 0.100 |
| Piperonyl butoxide | PASS | < MRL | 2.00 | 0.100 |
| Prallethrin | PASS | < MRL | 0.20 | 0.100 |
| Propiconazole | PASS | < MRL | 0.40 | 0.100 |
| Propoxur | PASS | < MRL | 0.20 | 0.100 |
| Pyrethrins | PASS | < MRL | 1.00 | 0.100 |
| Pyridaben | PASS | < MRL | 0.20 | 0.100 |
| Spinetoram, Total | PASS | < MRL | 1.00 | 0.100 |
| Spinosad, Total | PASS | < MRL | 0.20 | 0.100 |
| Spiromesifen | PASS | < MRL | 0.20 | 0.100 |
| Spirotetramat | PASS | < MRL | 0.20 | 0.100 |
| Spiroxamine | PASS | < MRL | 0.20 | 0.100 |
| Tebuconazole | PASS | < MRL | 0.40 | 0.100 |
| Thiacloprid | PASS | < MRL | 0.20 | 0.100 |
| Thiamethoxam | PASS | < MRL | 0.20 | 0.100 |
| Trifloxystrobin | PASS | < MRL | 0.20 | 0.100 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #86399 | Date Tested: 12/06/2024 01:52 PM

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Action limits are set according to the New York State Office of Cannabis Management Testing Limits. A sample is deemed acceptable when all analyte values are within those state determined limits. Laboratory determined measurement uncertainty is available by request.

green analytics ny, llc

Green Analytics NY, LLC
401 North Middletown Road, Building 60B
Pearl River, NY 10965
www.greenanalyticsllc.com
License #s: OCM-CPL-00013
ISO 17025 Certificate No.: 4356.09

# Certificate of Analysis
## Full Compliance Test

## Mycotoxins: Flower Sample (20241203-WESS-003) PASS

Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (LC-MS/MS: SOP-062-GA, SOP-070-GA)

| Analyte | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|---|---|---|---|---|
| Ochratoxin | PASS | < MRL | 0.02 | 0.010 |
| Total Aflatoxins | PASS | < MRL | 0.02 | 0.010 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #86398 | Date Tested: 12/06/2024 01:52 PM

## Heavy Metals: Flower Sample (20241203-WESS-003) PASS

Heavy Metals analysis utilizing Inductively Coupled Plasma Mass Spectrometry (ICP-MS: SOP-061-NY, SOP-072-GA)

| Analyte | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|---|---|---|---|---|
| Chromium | PASS | < MRL | 110.0 | 8.00 |
| Nickel | PASS | < MRL | 5.0 | 1.00 |
| Copper | PASS | 8.090 | 30.0 | 8.00 |
| Arsenic | PASS | < MRL | 0.2 | 0.10 |
| Cadmium | PASS | < MRL | 0.2 | 0.10 |
| Antimony | PASS | < MRL | 2.0 | 1.00 |
| Mercury | PASS | < MRL | 0.1 | 0.05 |
| Lead | PASS | < MRL | 0.5 | 0.20 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #86395 | Date Tested: 12/05/2024 08:20 AM

## Microbiological Screen: Flower Sample (20241203-WESS-003) PASS

Microbial analysis utilizing quantitative Polymerase Chain Reaction and microbial enumeration (qPCR; SOP-700-NY, SOP-701-NY)

| Analyte | Pass/Fail | Results (CFU/g) | Limit (CFU/g) | MRL (CFU/g) |
|---|---|---|---|---|
| Total Aerobic Bacteria | PASS | 8318182 | None | 100 |
| Total Yeast & Mold | PASS | 134091 | None | 100 |
| Salmonella spp | PASS | Absent | Absent | 1 |
| Shiga toxin-producing E. coli | PASS | Absent | Absent | 1 |
| Aspergillus (fumigatus, flavus, niger, terreus) | PASS | Absent | Absent | 1 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #86396 | Date Tested: 12/12/2024 08:17 AM

## Moisture Content: Flower Sample (20241203-WESS-003) PASS

Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)

| Analyte | Pass/Fail | Result (%) | Limit (%) |
|---|---|---|---|
| Moisture | PASS | 8.8 | 15 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #86397 | Date Tested: 12/04/2024 02:06 PM

## Water Activity: Flower Sample (20241203-WESS-003) PASS

Water activity analysis utilizing a chilled mirror dew point sensor (SOP-059-GA)

| Analyte | Pass/Fail | Result ($a_W$) | Limit ($a_W$) |
|---|---|---|---|
| Water Activity | PASS | 0.41 | 0.65 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #86401 | Date Tested: 12/04/2024 02:06 PM

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Action limits are set according to the New York State Office of Cannabis Management Testing Limits. A sample is deemed acceptable when all analyte values are within those state determined limits. Laboratory determined measurement uncertainty is available by request.

green analytics ny, llc

Green Analytics NY, LLC
401 North Middletown Road, Building 60B
Pearl River, NY 10965
www.greenanalyticsllc.com
License #s: OCM-CPL-00013
ISO 17025 Certificate No.: 4356.09

# Certificate of Analysis
## Full Compliance Test

### Filth and Foreign Material: Flower Sample (20241203-WESS-003) PASS

Filth and Foreign Material analysis utilizing microscopy (SOP-057-NY)

| Analyte | Results | Limit | Pass/Fail |
|---|---|---|---|
| Foreign Material (other, % m/m) | ND | 2 | PASS |
| Foreign Material (stems, % m/m) | ND | 5 | PASS |
| Mammalian Excreta (mg/lb) | ND | 1 | PASS |

ND = Not Detected

Test ID: #86394 | Date Tested: 12/04/2024 02:06 PM



Matthew Elmes
Lab Director
12/12/2024

Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Action limits are set according to the New York State Office of Cannabis Management Testing Limits. A sample is deemed acceptable when all analyte values are within those state determined limits. Laboratory determined measurement uncertainty is available by request.