

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

Sample Result: PASS

| | | | |
|---------------------------|--------------------------|--------------------------|----------------------------|
| Date Reported: | 6/27/2025 | Sample ID: | 20250617-FERN-005 |
| Client Name: | UrbanXtracts dba Fernway | Sample Name: | Mandarin Orange - 2.0g (T) |
| Sampling Location: | Warwick, New York | Sample Matrix: | Concentrate |
| License Number: | OCM-PROC-24-000083 | Sample Sub Type: | Vape |
| Phone: | 212.925.1070 | Package ID: | |
| Medical/Adult Use: | Adult Use | Batch Lot ID: | FNY-UX-MANDAR-T2G-250617 |
| Sampling Date: | 06/17/2025 03:00:00 PM | Batch Size: | 1500 |
| | | Serving Size (g): | 2 |

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

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

Cannabinoids: Mandarin Orange - 2.0g (T) (20250617-FERN-005)

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

| Analyte | % w/w | mg/serving | MRL (% w/w) |
|-----------|--------|------------|-------------|
| CBDV | < MRL | < MRL | 0.333 |
| CBDA | < MRL | < MRL | 0.333 |
| CBGA | < MRL | < MRL | 0.333 |
| CBG | 2.279 | 45.580 | 0.333 |
| CBD | 1.201 | 24.013 | 0.333 |
| THCV | 0.525 | 10.500 | 0.333 |
| CBN | 0.668 | 13.367 | 0.333 |
| D9-THC | 81.678 | 1633.567 | 0.333 |
| D8-THC | < MRL | < MRL | 0.333 |
| D10-THC-S | < MRL | < MRL | 0.333 |
| D10-THC-R | < MRL | < MRL | 0.333 |
| CBC | 1.157 | 23.147 | 0.333 |
| THCA | < MRL | < MRL | 0.333 |

MRL = Minimum reporting limit/limit of quantification
mg/serving = % w/w x10 x serving size weight (g)

Test ID: #116905 | Date Tested: 06/20/2025 07:14 AM

| Potency Summary | % w/w | mg/serving |
|--|--------|------------|
| Total THC [Δ^8 -THC + Δ^9 -THC + Δ^{10} -THC + (THCA * 0.877)] | 81.678 | 1633.567 |
| Total CBD [CBD + (CBDA * 0.877)] | 1.201 | 24.013 |
| Total Cannabinoids | 87.508 | 1750.174 |



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Terpenes: Mandarin Orange - 2.0g (T) (20250617-FERN-005)

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

| Analyte | Result (% w/w) | MRL (% w/w) |
|---------------------|----------------|-------------|
| alpha-Pinene | < MRL | 0.11 |
| Camphene | < MRL | 0.11 |
| Sabinene | < MRL | 0.11 |
| beta-Pinene | < MRL | 0.11 |
| beta-Myrcene | < MRL | 0.11 |
| Alpha-phellandrene | < MRL | 0.11 |
| Carene | < MRL | 0.11 |
| alpha-terpinene | < MRL | 0.11 |
| p-Cymene | < MRL | 0.11 |
| Limonene | 3.03 | 0.11 |
| Eucalyptol | < MRL | 0.11 |
| Ocimene | < MRL | 0.08 |
| gamma-Terpinene | < MRL | 0.11 |
| Sabinene Hydrate | < MRL | 0.11 |
| Terpinolene | < MRL | 0.11 |
| Linalool | < MRL | 0.11 |
| Fenchol | < MRL | 0.11 |
| Menthol | < MRL | 0.11 |
| Terpineol | < MRL | 0.11 |
| Citronellol | 0.16 | 0.11 |
| Isopulegol | < MRL | 0.11 |
| Geraniol | < MRL | 0.11 |
| Alpha-cedrene | < MRL | 0.09 |
| Beta-Caryophyllene | 0.27 | 0.11 |
| Farnesene | < MRL | 0.11 |
| alpha-Humulene | 0.13 | 0.11 |
| Valencene | 0.18 | 0.11 |
| cis-Nerolidol | < MRL | 0.05 |
| trans-Nerolidol | < MRL | 0.07 |
| Caryophyllene oxide | 0.18 | 0.11 |
| Guaiol | < MRL | 0.11 |
| alpha-Bisabolol | 0.18 | 0.11 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #116910 | Date Tested: 06/23/2025 10:24 AM

| Terpenes Summary | Result | Limit | Pass/Fail |
|-------------------------------|--------|-------|-----------|
| Total Terpenes (% w/w) | 4.13 | 10 | PASS |



Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. 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.

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Residual Solvents: Mandarin Orange - 2.0g (T) (20250617-FERN-005)

PASS

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (GC-MS: SOP-067-GA, SOP-010-GA)

| Analyte | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|---|-----------|---------------|--------------|------------|
| 1,2-Dichloroethane | PASS | < MRL | 5 | 3.298 |
| 2-Propanol | PASS | < MRL | 5000 | 494.171 |
| Acetone | PASS | < MRL | 5000 | 1016.706 |
| Acetonitrile | PASS | < MRL | 410 | 40.522 |
| Butanes, total | PASS | < MRL | 5000 | 494.171 |
| Benzene | PASS | < MRL | 2 | 0.660 |
| Chloroform | PASS | < MRL | 60 | 5.930 |
| Dichloromethane | PASS | < MRL | 600 | 59.300 |
| Dimethyl Sulfoxide | PASS | < MRL | 5000 | 889.507 |
| Ethanol | PASS | < MRL | 5000 | 494.171 |
| Ethyl acetate | PASS | < MRL | 5000 | 494.171 |
| Ethyl ether | PASS | < MRL | 5000 | 494.171 |
| n-Heptane | PASS | < MRL | 5000 | 494.171 |
| Hexanes, total | PASS | < MRL | 290 | 28.662 |
| Methanol | PASS | < MRL | 3000 | 296.503 |
| Pentanes, total | PASS | < MRL | 5000 | 494.171 |
| Propane | PASS | < MRL | 5000 | 494.171 |
| Tetrafluoroethane (1,1,1,2-) (HFC-134a) | PASS | < MRL | 1000 | 320.222 |
| Toluene | PASS | < MRL | 890 | 87.962 |
| Trichloroethane | PASS | < MRL | 1500 | 889.507 |
| Xylenes, total | PASS | < MRL | 2170 | 214.471 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #116908 | Date Tested: 06/23/2025 11:46 AM



Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. 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.

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Pesticides: Mandarin Orange - 2.0g (T) (20250617-FERN-005)

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: #116909 | Date Tested: 06/24/2025 09:52 AM



Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. Serving size (g) has been provided by the client during the sampling process, unless otherwise specified. 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.

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| Mycotoxins: Mandarin Orange - 2.0g (T) (20250617-FERN-005) | | | | | 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: #116906 Date Tested: 06/24/2025 09:53 AM | | |

| Heavy Metals: Mandarin Orange - 2.0g (T) (20250617-FERN-005) | | | | | 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 | 2.0 | 1.00 | |
| Copper | PASS | < MRL | 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: #116907 Date Tested: 06/18/2025 05:10 PM | | |

| Microbiology - Plating: Mandarin Orange - 2.0g (T) (20250617-FERN-005) | | | | | PASS |
|--|-----------|-----------------|---|-------------|------|
| Microbial analysis utilizing microbial enumeration (SOP-700-NY) | | | | | |
| Analyte | Pass/Fail | Results (CFU/g) | Limit (CFU/g) | MRL (CFU/g) | |
| Total Aerobic Bacteria | PASS | 800 | 10000 | 100 | |
| Total Yeast & Mold | PASS | < MRL | 1000 | 100 | |
| Microbiology - qPCR: | | | | | |
| Microbial analysis utilizing quantitative Polymerase Chain Reaction (SOP-701-NY) | | | | | |
| Analyte | Pass/Fail | Results (CFU/g) | Limit (CFU/g) | MRL (CFU/g) | |
| 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: #116911 Date Tested: 06/26/2025 05:59 PM | | |



Matthew Elmes
Lab Director
6/27/2025

