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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:** | 10/16/2026 |
| **Client Name:** | Empire Standard LLC |
| **Sampling Location:** | Binghamton, New York |
| **Contact Name:** | Empire Standard LLC |
| **Contact Email:** | info@empirestandardny.com |
| **License Number:** | OCM-PROC-24-000202 |
| **Phone:** | 2017415553 |
| **Medical/Adult Use:** | Adult Use |
| **Sampling Date:** | 10/09/2026 11:50:00 AM |
| **METRC Test Tag ID:** | 1A4120300000235000005070 |

| | |
|---|---|
| **Sample ID:** | 20261009-EMNY-014 |
| **Sample Name:** | Untitled 3.5g Indoor Flower 32cpk - Creamsicle |
| **Sample Matrix:** | Flower |
| **Sample Sub Type:** | Whole Flower |
| **Package ID:** | 1A4120300000235000005063 |
| **Batch Lot ID:** | UHINDWAB-B |
| **Batch Size:** | 2712 |
| **Serving Size (g):** | 3.5 |
| **METRC Source ID:** | 1A4120300000235000005063 |

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

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

## Cannabinoids: Untitled 3.5g Indoor Flower 32cpk - Creamsicle (20261009-EMNY-014)

Potency analysis utilizing HPLC (SOP-025-NY, SOP-073-NY)

| Analyte | % w/w | mg/serving | MRL (% w/w) |
|---|---|---|---|
| CBDV | < MRL | < MRL | 0.019 |
| CBDA | 0.062 | 2.175 | 0.019 |
| CBGA | 0.402 | 14.077 | 0.019 |
| CBG | 0.045 | 1.559 | 0.019 |
| CBD | < MRL | < MRL | 0.019 |
| THCV | < MRL | < MRL | 0.019 |
| CBN | < MRL | < MRL | 0.019 |
| D9-THC | 0.544 | 19.048 | 0.019 |
| D8-THC | < MRL | < MRL | 0.019 |
| D10-THC-S | < MRL | < MRL | 0.019 |
| D10-THC-R | < MRL | < MRL | 0.019 |
| CBC | < MRL | < MRL | 0.019 |
| THCA | 29.610 | 1036.357 | 0.019 |

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: #341194 | Date Tested: 10/16/2026 09:22 AM

| Potency Summary | % w/w | mg/serving |
|---|---|---|
| **Total THC** [ Δ8-THC + Δ9-THC + Δ10-THC + (THCA * 0.877)) ] | 26.512 | 927.934 |
| **Total CBD** [ CBD + (CBDA * 0.877) ] | 0.055 | 1.908 |
| **Total Cannabinoids** | 30.663 | 1073.217 |

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. Serving size affects reported data where noted. Action limits are set according to the New York State Office of Cannabis Management Testing Limits.
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## Terpenes: Untitled 3.5g Indoor Flower 32cpk - Creamsicle (20261009-EMNY-014) PASS

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

| Analyte | Result (% w/w) | MRL (% w/w) |
|---|---|---|
| alpha-Pinene | 0.08 | 0.07 |
| Camphene | < MRL | 0.07 |
| Sabinene | < MRL | 0.07 |
| beta-Pinene | 0.08 | 0.07 |
| beta-Myrcene | < MRL | 0.07 |
| Alpha-phellandrene | < MRL | 0.07 |
| Carene | < MRL | 0.07 |
| alpha-terpinene | < MRL | 0.07 |
| p-Cymene | < MRL | 0.07 |
| Limonene | 0.40 | 0.07 |
| Eucalyptol | < MRL | 0.07 |
| Ocimene | < MRL | 0.05 |
| gamma-Terpinene | < MRL | 0.07 |
| Sabinene Hydrate | < MRL | 0.07 |
| Terpinolene | < MRL | 0.07 |
| Linalool | 0.24 | 0.07 |
| Fenchol | < MRL | 0.07 |
| Menthol | < MRL | 0.07 |
| Terpineol | < MRL | 0.07 |
| Citronellol | < MRL | 0.07 |
| Isopulegol | < MRL | 0.07 |
| Geraniol | < MRL | 0.07 |
| Alpha-cedrene | < MRL | 0.05 |
| Beta-Caryophyllene | 0.64 | 0.07 |
| Farnesene | < MRL | 0.07 |
| alpha-Humulene | 0.18 | 0.07 |
| Valencene | < MRL | 0.07 |
| cis-Nerolidol | < MRL | 0.03 |
| trans-Nerolidol | < MRL | 0.04 |
| Caryophyllene oxide | < MRL | 0.07 |
| Guaiol | < MRL | 0.07 |
| alpha-Bisabolol | 0.08 | 0.07 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #341197 | Date Tested: 10/15/2026 11:03 AM

| Terpenes Summary | Result | Limit | Pass/Fail |
|---|---|---|---|
| **Total Terpenes (% w/w)** | 1.71 | 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. Serving size affects reported data where noted. Action limits are set according to the New York State Office of Cannabis Management Testing Limits.
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# Certificate of Analysis
## Full Compliance Test

## Pesticides: Untitled 3.5g Indoor Flower 32cpk - Creamsicle (20261009-EMNY-014) PASS

Residual pesticide analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

| Analyte | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|---|---|---|---|---|
| Abamectin | PASS | < MRL | 0.500 | 0.100 |
| Acephate | PASS | < MRL | 0.400 | 0.100 |
| Acequinocyl | PASS | < MRL | 2.00 | 0.100 |
| Acetamiprid | PASS | < MRL | 0.200 | 0.100 |
| Aldicarb | PASS | < MRL | 0.400 | 0.100 |
| Azadirachtin | PASS | < MRL | 1.00 | 0.250 |
| Azoxystrobin | PASS | < MRL | 0.200 | 0.100 |
| Bifenazate | PASS | < MRL | 0.200 | 0.100 |
| Bifenthrin | PASS | < MRL | 0.200 | 0.100 |
| Boscalid | PASS | < MRL | 0.400 | 0.100 |
| Captan | PASS | < MRL | 1.00 | 0.500 |
| Carbaryl | PASS | < MRL | 0.200 | 0.100 |
| Carbofuran | PASS | < MRL | 0.200 | 0.100 |
| Chlorantranilprole | PASS | < MRL | 0.200 | 0.100 |
| Chlordane | PASS | < MRL | 1.00 | 0.100 |
| Chlorfenapyr | PASS | < MRL | 1.00 | 0.100 |
| Chlormequat chloride | PASS | < MRL | 1.00 | 0.100 |
| Chlorpyrifos | PASS | < MRL | 0.200 | 0.100 |
| Clofentezine | PASS | < MRL | 0.200 | 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 | 0.200 | 0.100 |
| Dichlorvos | PASS | < MRL | 1.00 | 0.100 |
| Dimethoate | PASS | < MRL | 0.200 | 0.100 |
| Dimethomorph | PASS | < MRL | 1.00 | 0.100 |
| Ethoprophos | PASS | < MRL | 0.200 | 0.100 |
| Etofenprox | PASS | < MRL | 0.400 | 0.100 |
| Etoxazole | PASS | < MRL | 0.200 | 0.100 |
| Fenhexamid | PASS | < MRL | 1.00 | 0.100 |
| Fenoxycarb | PASS | < MRL | 0.200 | 0.100 |
| Fenpyroximate | PASS | < MRL | 0.400 | 0.100 |
| Fipronil | PASS | < MRL | 0.400 | 0.100 |
| Flonicamid | PASS | < MRL | 1.00 | 0.100 |
| Fludioxonil | PASS | < MRL | 0.400 | 0.100 |
| Hexythiazox | PASS | < MRL | 1.00 | 0.100 |
| Imazalil | PASS | < MRL | 0.200 | 0.100 |
| Imidacloprid | PASS | < MRL | 0.400 | 0.100 |
| Indole-3-butyric acid | PASS | < MRL | 1.00 | 0.250 |
| Kresoxim-methyl | PASS | < MRL | 0.400 | 0.100 |
| Malathion | PASS | < MRL | 0.200 | 0.100 |
| Metalaxyl | PASS | < MRL | 0.200 | 0.100 |
| Methiocarb | PASS | < MRL | 0.200 | 0.100 |
| Methomyl | PASS | < MRL | 0.400 | 0.100 |
| Methyl Parathion | PASS | < MRL | 0.200 | 0.100 |
| Mevinphos | PASS | < MRL | 1.00 | 0.100 |
| MGK-264 I/II | PASS | < MRL | 0.200 | 0.100 |
| Myclobutanil | PASS | < MRL | 0.200 | 0.100 |
| Naled | PASS | < MRL | 0.500 | 0.100 |
| Oxamyl | PASS | < MRL | 1.00 | 0.100 |
| Paclobutrazol | PASS | < MRL | 0.400 | 0.100 |
| Pentachloronitrobenzene | PASS | < MRL | 1.00 | 0.100 |
| Permethrins, total | PASS | < MRL | 0.200 | 0.100 |
| Phosmet | PASS | < MRL | 0.200 | 0.100 |
| Piperonyl butoxide | PASS | < MRL | 2.00 | 0.100 |
| Prallethrin | PASS | < MRL | 0.200 | 0.100 |
| Propiconazole | PASS | < MRL | 0.400 | 0.100 |
| Propoxur | PASS | < MRL | 0.200 | 0.100 |
| Pyrethrins | PASS | < MRL | 1.00 | 0.100 |
| Pyridaben | PASS | < MRL | 0.200 | 0.100 |
| Spinetoram, Total | PASS | < MRL | 1.00 | 0.100 |
| Spinosad, Total | PASS | < MRL | 0.200 | 0.100 |
| Spiromesifen | PASS | < MRL | 0.200 | 0.100 |
| Spirotetramat | PASS | < MRL | 0.200 | 0.100 |
| Spiroxamine | PASS | < MRL | 0.200 | 0.100 |
| Tebuconazole | PASS | < MRL | 0.400 | 0.100 |
| Thiacloprid | PASS | < MRL | 0.200 | 0.100 |
| Thiamethoxam | PASS | < MRL | 0.200 | 0.100 |
| Trifloxystrobin | PASS | < MRL | 0.200 | 0.100 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #341191 | Date Tested: 10/15/2026 07:01 PM

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## Mycotoxins: Untitled 3.5g Indoor Flower 32cpk - Creamsicle (20261009-EMNY-014) PASS

Mycotoxin analysis utilizing Liquid Chromatography - Mass Spectrometry (SOP-062-NY, SOP-070-NY)

| Analyte | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|---|---|---|---|---|
| Ochratoxin | PASS | < MRL | 0.020 | 0.010 |
| Total Aflatoxins | PASS | < MRL | 0.020 | 0.010 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #341192 | Date Tested: 10/15/2026 07:02 PM

## Heavy Metals: Untitled 3.5g Indoor Flower 32cpk - Creamsicle (20261009-EMNY-014) PASS

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

| Analyte | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|---|---|---|---|---|
| Chromium | PASS | < MRL | 110 | 8.00 |
| Nickel | PASS | < MRL | 5.00 | 1.00 |
| Copper | PASS | < MRL | 30.0 | 8.00 |
| Arsenic | PASS | < MRL | 0.200 | 0.10 |
| Cadmium | PASS | < MRL | 0.200 | 0.10 |
| Antimony | PASS | < MRL | 2.00 | 1.00 |
| Mercury | PASS | < MRL | 0.100 | 0.05 |
| Lead | PASS | < MRL | 0.500 | 0.20 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #341190 | Date Tested: 10/16/2026 07:56 AM

## Microbiology: Untitled 3.5g Indoor Flower 32cpk - Creamsicle (20261009-EMNY-014) PASS

Microbial analysis utilizing TEMPO microbial enumeration (SOP-719-NY)

| Analyte | Pass/Fail | Results (CFU/g) | Limit (CFU/g) | MRL (CFU/g) |
|---|---|---|---|---|
| Total Aerobic Bacteria | PASS | < MRL | None | 100 |
| Total Yeast & Mold | PASS | < MRL | None | 100 |

## Microbiology - qPCR:

Microbial analysis utilizing quantitative Polymerase Chain Reaction (SOP-734-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 |

Test IDs: #341198, #341201, #341200, #341199 | Date Tested: 10/13/2026 07:16 PM, 10/14/2026 12:48 PM, 10/13/2026 04:42 PM

MRL = Minimum reporting limit/limit of quantification

## Moisture: Untitled 3.5g Indoor Flower 32cpk - Creamsicle (20261009-EMNY-014) PASS

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

| Analyte | Pass/Fail | Result (%) | Limit (%) |
|---|---|---|---|
| Moisture | PASS | 10.4 | 15.0 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #341193 | Date Tested: 10/13/2026 07:33 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. Serving size affects reported data where noted. Action limits are set according to the New York State Office of Cannabis Management Testing Limits.
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## Water Activity: Untitled 3.5g Indoor Flower 32cpk - Creamsicle (20261009-EMNY-014) — 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 | 0.54 | 0.65 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #341202 | Date Tested: 10/13/2026 07:50 AM

## Filth and Foreign Material: Untitled 3.5g Indoor Flower 32cpk - Creamsicle (20261009-EMNY-014) — PASS

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

| Analyte | Results | Limit | Pass/Fail |
|---|---|---|---|
| Foreign Material (other, % m/m) | ND | 2.00 | PASS |
| Foreign Material (stems, % m/m) | ND | 5.00 | PASS |
| Mammalian Excreta (mg/lb) | ND | 1.00 | PASS |

ND = Not Detected

Test ID: #341189 | Date Tested: 10/13/2026 07:51 AM

Matthew Elmes
Lab Director
10/16/2026

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