



Certificate of Analysis

Analytical Test Report

|   |  |   |   |
|---|--|---|---|
| <b>Client:</b><br>Hybrid Theory<br>OCM-MICR-24-000122 | <b>Final Report</b><br><b>Report Date</b><br><b>Lab Permit</b> | <b>MCR-S26-00324 Rev.02.00</b><br><u>2/5/2026</u><br>OCM-CPL-2022-00008 | <b>Laboratory:</b><br>MCR Labs<br>Julian England<br>315-541-4202<br>800 Broad Street<br>Utica, NY 13501 |
|   | <b>Sample Collection Site</b>                                  | Cornwall, NY  |   |
|   | <b>Sample Collection Date and Time</b>                         | 1/28/2026 16:00   |   |

| Sample ID # | Sample Name                | Matrix | Sample Type | Date Received |
|-------------|----------------------------|--------|-------------|---------------|
| S26-00324   | Tangerine Cookies - Flower | Flower | Adult Use   | 1/30/2026     |

| Lot #             | Lot Size (units) | Number of Units Recieved |
|-------------------|------------------|--------------------------|
| <u>OC-BZA-001</u> | 500              | 5                        |

The test results presented in this report are accurate, complete, and compliant with the MCR Labs quality control criteria.

Authorization

Julian England  
 Lead Technical Director

**Case Narrative**

These results apply only to the items tested, as sampled according to CORP-SOP-NY-20, by MCR Labs New York. Report revisions are italicized and underlined.

This report and all information herein shall not be reproduced, except in its entirety, without the expressed consent of MCR Labs. Results apply only to the sample supplied to MCR Labs.

**Requested Testing**

| Test                       | Code | Procedure          | Analytes Tested   | Disposition |
|----------------------------|------|--------------------|---|-------------|
| Cannabinoid Profile        | CN   | TM-NY-7            | CBC, CBD, CBDA, CBDV, CBG, CBGA, CBN, Δ8-THC, Δ9-THC, (6aR,9S)-10-THC, (6aS,9S)-10-THC, THCV, THCVA   | N/A         |
| Moisture Content           | MC   | TM-NY-1            | Moisture Content  | Pass        |
| Water Activity             | WA   | TM-NY-10           | Water Activity  | Pass        |
| Heavy Metals Screen        | HM   | TM-NY-5            | Arsenic (As), Cadmium (Cd), Mercury (Hg), Lead (Pb), Chromium (Cr), Copper (Cu), Nickel (Ni), Antimony (Sb)   | Pass        |
| Mycotoxins Screen          | MY   | TM-NY-6            | Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Total Aflatoxins, Ochratoxin A  | Pass        |
| Microbiological Screen     | MB   | TM-NY-3<br>TM-NY-8 | Total Viable Aerobic Bacteria, Total Yeast and Mold, STEC, Salmonella, Aspergillus  | Pass        |
| Terpene Profile            | TP   | TM-NY-12           | α-Pinene, Camphene, β-Myrcene, β-Pinene, Δ-3-Carene, α-Terpinene, cis-β-Ocimene, D-Limonene, p-Cymene, trans-β-Ocimene, Eucalyptol, γ-Terpinene, Terpinolene, Linalool, Isopulegol, Geraniol, β-Caryophyllene, α-Humulene, cis-Nerolidol, trans-Nerolidol, Guaiol, Caryophyllene Oxide, α-Bisabolol, α-Terpineol, Fenchol, Valencene, α-Phellandrene, trans-β-Farnesene | Pass        |
| Pesticides Screen          | PS   | TM-NY-6            | Pesticides as required by OCM   | Pass        |
| Filth and Foreign Material | FFM  | TM-NY-11           | Mammalian Excreta, Stems (>3mm), Foreign Material   | Pass        |

**Cannabinoid Profile [TM-NY-7]** Analyst: TC Test Date: 1/31/2026 16:15

**Table 1 - S26-00324 Tangerine Cookies - Flower Flower Cannabinoid Testing**

| Analyte  | Cannabinoid                 | Conc. (dry weight %) | LOD (weight %) | LOQ (weight %) |
|----------|-----------------------------|----------------------|----------------|----------------|
| CBC      | Cannabichromene             | <LOQ                 | 0.0044%        | 0.0500%        |
| CBD      | Cannabidiol                 | ND                   | 0.0067%        | 0.0500%        |
| CBDA     | Cannabidiolic Acid          | <LOQ                 | 0.0051%        | 0.0500%        |
| CBDV     | Cannabidivarin              | ND                   | 0.0065%        | 0.0500%        |
| CBG      | Cannabigerol                | 0.0890%              | 0.0057%        | 0.0500%        |
| CBGA     | Cannabigerolic Acid         | 0.115%               | 0.0062%        | 0.0500%        |
| CBN      | Cannabinol                  | ND                   | 0.0052%        | 0.0500%        |
| Δ8-THC   | Δ8-Tetrahydrocannabinol     | ND                   | 0.0188%        | 0.0500%        |
| Δ9-THC   | Δ9-Tetrahydrocannabinol     | 0.773%               | 0.0141%        | 0.0500%        |
| Δ10R-THC | Δ10R-Tetrahydrocannabinol   | ND                   | 0.0055%        | 0.0500%        |
| Δ10S-THC | Δ10S-Tetrahydrocannabinol   | <LOQ                 | 0.0044%        | 0.0500%        |
| THCV     | Tetrahydrocannabivarin      | ND                   | 0.0084%        | 0.0500%        |
| THCA     | Tetrahydrocannabinolic Acid | 20.7%                | 0.0057%        | 0.0500%        |

|  |       |     |     |
|--|-------|-----|-----|
| Total Active Cannabinoids (sum of above table) | 21.7% | N/A | N/A |
| Total THC = THC + (THCA * 0.877)               | 18.9% | N/A | N/A |
| Total CBD = CBD + (CBDA * 0.877)               | ND    | N/A | N/A |

Note: There are no limits established by the New York Office of Cannabis Management for cannabinoid concentrations. ND = Not Detected; LOQ = Limit of Quantitation; LOD = Limit of Detection. Δ10R-THC = (6aR,9S)-10-THC; Δ10S-THC = (6aS,9S)-10-THC

**Moisture Content [TM-NY-1]** Analyst: BS/WP Test Date: 1/30/2026 16:01

**Table 2 - S26-00324 Tangerine Cookies - Flower Flower Moisture Content Testing**

| Test Analysis    | Conc. (weight %) | Regulatory Limits | Disposition |
|------------------|------------------|-------------------|-------------|
| Moisture Content | 12.9%            | 15.0%             | Pass        |

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. Measurement uncertainty is not factored in the disposition. ND = Not Detected.

**Water Activity [TM-NY-10]** Analyst: BS/WP Test Date: 2/2/2026 18:20

**Table 3 - S26-00324 Tangerine Cookies - Flower Flower Water Activity Testing**

| Test Analysis  | Result | Limits | Disposition |
|----------------|--------|--------|-------------|
| Water Activity | 0.3790 | ≤ 0.65 | Pass        |

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. Measurement uncertainty is not factored in the disposition. ND = Not Detected.

**Heavy Metals Screen [TM-NY-5]** Analyst: BS Test Date: 1/31/2026 13:21

**Table 4 - S26-00324 Tangerine Cookies - Flower Flower Heavy Metals Testing**

| Test Analysis | Result (µg/g) | LOD (µg/g) | LOQ (µg/g) | Limits (µg/g) | Disposition |
|---------------|---------------|------------|------------|---------------|-------------|
| Arsenic       | ND            | 0.007      | 0.04       | 0.2           | Pass        |
| Cadmium       | <LOQ          | 0.017      | 0.05       | 0.2           | Pass        |
| Mercury       | ND            | 0.020      | 0.04       | 0.1           | Pass        |
| Lead          | <LOQ          | 0.007      | 0.09       | 0.5           | Pass        |
| Chromium      | ND            | 0.645      | 20.00      | 110           | Pass        |
| Copper        | 8.95          | 0.208      | 5.45       | 30            | Pass        |
| Nickel        | ND            | 0.163      | 0.36       | 5             | Pass        |
| Antimony      | ND            | 0.019      | 0.36       | 2             | Pass        |

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.  
 ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation.

**Mycotoxins Screen [TM-NY-6]** Analyst: NM/YM Test Date: 2/3/2026 8:00 AM

**Table 5 - S26-00324 Tangerine Cookies - Flower Flower Mycotoxins Testing**

| Analyte          | Result (µg/g) | LOD (µg/g) | LOQ (µg/g) | Limits (µg/g) | Disposition |
|------------------|---------------|------------|------------|---------------|-------------|
| Aflatoxin B1     | ND            | 0.0025     | 0.005      | N/A           | N/A         |
| Aflatoxin B2     | ND            | 0.0010     | 0.005      | N/A           | N/A         |
| Aflatoxin G1     | ND            | 0.0015     | 0.005      | N/A           | N/A         |
| Aflatoxin G2     | ND            | 0.0042     | 0.005      | N/A           | N/A         |
| Total Aflatoxins | ND            | N/A        | N/A        | 0.02          | Pass        |
| Ochratoxin A     | ND            | 0.0030     | 0.010      | 0.02          | Pass        |

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.  
 ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation.

**Microbiological Screen [TM-NY-3]** Analyst: TC Test Date: 1/30/2026 14:55

**Table 6 - S26-00324 Tangerine Cookies - Flower Flower Microbiological Testing**

| Test Analysis                 | Result | Unit  | LOQ       | Limits   | Disposition |
|-------------------------------|--------|-------|-----------|----------|-------------|
| Total Viable Aerobic Bacteria | <100   | CFU/g | 100 CFU/g | No Limit | Reported    |
| Total Yeast and Mold          | <100   | CFU/g | 100 CFU/g | No Limit | Reported    |

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.  
 CFU = Colony Forming Unit; LOQ = Limit of Quantitation.

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**Microbiological Screen [TM-NY-8]** Analyst: TC Test Date: 1/30/2026 14:55

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**Table 7 - S26-00324 Tangerine Cookies - Flower Flower Microbiological Testing**

| Test Analysis | Result   | Unit | LOQ     | Limits             | Disposition |
|---------------|----------|------|---------|--------------------|-------------|
| STEC          | Negative | N/A  | 1 CFU/g | Not detected in 1g | Pass        |
| Salmonella    | Negative | N/A  | 1 CFU/g | Not detected in 1g | Pass        |
| Aspergillus   | Negative | N/A  | 1 CFU/g | Not detected in 1g | Pass        |

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Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.  
STEC = Shiga Toxin producing E. coli; CFU = Colony Forming Unit; LOQ = Limit of Quantitation.

**Terpene Profile [TM-NY-12]** Analyst: NM/YM Test Date: 1/31/2026 10:09 AM

**Table 8 - S26-00324 Tangerine Cookies - Flower Flower Terpene Testing**

| Analyte             | Result (weight %) | Result (ppm) | LOD (weight %) | LOD (ppm) | LOQ (weight %) | LOQ (ppm) |
|---------------------|-------------------|--------------|----------------|-----------|----------------|-----------|
| α-Pinene            | 0.0452            | 452          | 0.0026         | 26        | 0.0125         | 125       |
| Camphene            | 0.0107            | 107          | 0.0022         | 22        | 0.0125         | 125       |
| β-Myrcene           | 0.1272            | 1272         | 0.0021         | 21        | 0.0125         | 125       |
| β-Pinene            | 0.0614            | 614          | 0.0020         | 20        | 0.0125         | 125       |
| Δ-3-Carene          | ND                | ND           | 0.0021         | 21        | 0.0125         | 125       |
| α-Terpinene         | ND                | ND           | 0.0022         | 22        | 0.0125         | 125       |
| cis-β-Ocimene       | <LOQ              | <LOQ         | 0.0006         | 6         | 0.0031         | 31        |
| D-Limonene          | 0.3116            | 3116         | 0.0022         | 22        | 0.0125         | 125       |
| p-Cymene            | ND                | ND           | 0.0025         | 25        | 0.0125         | 125       |
| trans-β-Ocimene     | 0.0362            | 362          | 0.0019         | 19        | 0.0094         | 94        |
| Eucalyptol          | ND                | ND           | 0.0022         | 22        | 0.0125         | 125       |
| γ-Terpinene         | ND                | ND           | 0.0022         | 22        | 0.0125         | 125       |
| Terpinolene         | <LOQ              | <LOQ         | 0.0022         | 22        | 0.0125         | 125       |
| Linalool            | 0.0523            | 523          | 0.0022         | 22        | 0.0125         | 125       |
| Isopulegol          | ND                | ND           | 0.0025         | 25        | 0.0125         | 125       |
| Geraniol            | ND                | ND           | 0.0028         | 28        | 0.0125         | 125       |
| β-Caryophyllene     | 0.2902            | 2902         | 0.0026         | 26        | 0.0125         | 125       |
| α-Humulene          | 0.1947            | 1947         | 0.0024         | 24        | 0.0125         | 125       |
| cis-Nerolidol       | ND                | ND           | 0.0012         | 12        | 0.0054         | 54        |
| trans-Nerolidol     | ND                | ND           | 0.0032         | 32        | 0.0125         | 125       |
| Guaiol              | ND                | ND           | 0.0021         | 21        | 0.0125         | 125       |
| Caryophyllene Oxide | 0.0343            | 343          | 0.0027         | 27        | 0.0125         | 125       |
| α-Bisabolol         | 0.1071            | 1071         | 0.0026         | 26        | 0.0125         | 125       |
| α-Terpineol         | 0.0516            | 516          | 0.0013         | 13        | 0.0125         | 125       |
| Fenchol             | 0.0455            | 455          | 0.0006         | 6         | 0.0125         | 125       |
| Valencene           | 0.1418            | 1418         | 0.0021         | 21        | 0.0125         | 125       |
| α-Phellandrene      | ND                | ND           | 0.0046         | 46        | 0.0125         | 125       |
| trans-β-Farnesene   | 0.0129            | 129          | 0.0061         | 61        | 0.0125         | 125       |

|                | Result (weight %) | Limit (weight %) | Disposition |
|----------------|-------------------|------------------|-------------|
| Total Terpenes | 1.5227            | 10.0000          | Pass        |

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.  
 ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation.

**Pesticides Screen [TM-NY-6]** Analyst: NM/YM Test Date: 2/3/2026 8:00 AM

**Table 9 - S26-00324 Tangerine Cookies - Flower Flower Pesticides Testing**

| Analyte              | Result (ppm) | LOD (ppm) | LOQ (ppm) | Limits (ppm) | Disposition |
|----------------------|--------------|-----------|-----------|--------------|-------------|
| Abamectin            | ND           | 0.023     | 0.200     | 0.5          | Pass        |
| Acephate             | ND           | 0.042     | 0.200     | 0.4          | Pass        |
| Acequinocyl          | ND           | 0.034     | 0.200     | 2.0          | Pass        |
| Acetamiprid          | ND           | 0.036     | 0.160     | 0.2          | Pass        |
| Aldicarb             | ND           | 0.022     | 0.200     | 0.4          | Pass        |
| Azadirachtin         | ND           | 0.055     | 0.200     | 1.0          | Pass        |
| Azoxystrobin         | ND           | 0.109     | 0.100     | 0.2          | Pass        |
| Bifenazate           | ND           | 0.008     | 0.160     | 0.2          | Pass        |
| Bifenthrin           | ND           | 0.041     | 0.100     | 0.2          | Pass        |
| Boscalid             | ND           | 0.032     | 0.200     | 0.4          | Pass        |
| Captan               | ND           | 0.037     | 0.200     | 1.0          | Pass        |
| Carbaryl             | ND           | 0.063     | 0.160     | 0.2          | Pass        |
| Carbofuran           | ND           | 0.033     | 0.160     | 0.2          | Pass        |
| Chlorantraniliprole  | ND           | 0.008     | 0.190     | 0.2          | Pass        |
| Chlordane            | ND           | 0.083     | 0.200     | 1.0          | Pass        |
| Chlorfenapyr         | ND           | 0.134     | 0.500     | 1.0          | Pass        |
| Chlormequat chloride | ND           | 0.068     | 0.200     | 1.0          | Pass        |
| Chlorpyrifos         | ND           | 0.005     | 0.160     | 0.2          | Pass        |
| Clofentezine         | ND           | 0.016     | 0.100     | 0.2          | Pass        |
| Coumaphos            | ND           | 0.019     | 0.200     | 1.0          | Pass        |
| Cyfluthrin           | ND           | 0.132     | 0.500     | 1.0          | Pass        |
| Cypermethrin         | ND           | 0.254     | 0.500     | 1.0          | Pass        |
| Daminozide           | ND           | 0.049     | 0.200     | 1.0          | Pass        |
| Diazinon             | ND           | 0.022     | 0.100     | 0.2          | Pass        |
| Dichlorvos           | ND           | 0.032     | 0.200     | 1.0          | Pass        |
| Dimethoate           | ND           | 0.108     | 0.160     | 0.2          | Pass        |
| Dimethomorph         | ND           | 0.007     | 0.200     | 1.0          | Pass        |
| Ethoprop(hos)        | ND           | 0.014     | 0.160     | 0.2          | Pass        |
| Etofenprox           | ND           | 0.020     | 0.200     | 0.4          | Pass        |
| Etoxazole            | ND           | 0.011     | 0.100     | 0.2          | Pass        |
| Fenhexamid           | ND           | 0.022     | 0.200     | 1.0          | Pass        |
| Fenoxycarb           | ND           | 0.032     | 0.160     | 0.2          | Pass        |
| Fenpyroximate        | ND           | 0.019     | 0.200     | 0.4          | Pass        |
| Fipronil             | ND           | 0.045     | 0.200     | 0.4          | Pass        |
| Flonicamid           | ND           | 0.058     | 0.200     | 1.0          | Pass        |

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.  
 ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; ppm = Parts Per Million.

Pesticides Screen [TM-NY-6] Analyst: NM/YM Test Date: 2/3/2026 8:00 AM

Table 10 - S26-00324 Tangerine Cookies - Flower Flower Pesticides Testing

| Analyte                 | Result (ppm) | LOD (ppm) | LOQ (ppm) | Limits (ppm) | Disposition |
|-------------------------|--------------|-----------|-----------|--------------|-------------|
| Fludioxonil             | ND           | 0.113     | 0.200     | 0.4          | Pass        |
| Hexythiazox             | ND           | 0.042     | 0.200     | 1.0          | Pass        |
| Imazalil                | ND           | 0.011     | 0.100     | 0.2          | Pass        |
| Imidacloprid            | ND           | 0.020     | 0.200     | 0.4          | Pass        |
| Indole-3-butyric Acid   | ND           | 0.015     | 0.200     | 1.0          | Pass        |
| Kresoxim-methyl         | ND           | 0.038     | 0.200     | 0.4          | Pass        |
| Malathion               | ND           | 0.027     | 0.100     | 0.2          | Pass        |
| Metalaxyl               | ND           | 0.006     | 0.190     | 0.2          | Pass        |
| Methiocarb              | ND           | 0.035     | 0.100     | 0.2          | Pass        |
| Methomyl                | ND           | 0.056     | 0.200     | 0.4          | Pass        |
| Methyl parathion        | ND           | 0.046     | 0.100     | 0.2          | Pass        |
| Mevinphos               | ND           | 0.048     | 0.200     | 1.0          | Pass        |
| MGK-264                 | ND           | 0.014     | 0.100     | 0.2          | Pass        |
| Myclobutanil            | ND           | 0.031     | 0.100     | 0.2          | Pass        |
| Naled                   | ND           | 0.016     | 0.200     | 0.5          | Pass        |
| Oxamyl                  | ND           | 0.046     | 0.200     | 1.0          | Pass        |
| Paclobutrazol           | ND           | 0.033     | 0.200     | 0.4          | Pass        |
| Pentachloronitrobenzene | ND           | 0.037     | 0.200     | 1.0          | Pass        |
| Permethrins, Total      | ND           | 0.038     | 0.100     | 0.2          | Pass        |
| Phosmet                 | ND           | 0.020     | 0.100     | 0.2          | Pass        |
| Piperonyl butoxide      | ND           | 0.010     | 0.200     | 2.0          | Pass        |
| Prallethrin             | ND           | 0.017     | 0.100     | 0.2          | Pass        |
| Propiconazole           | ND           | 0.011     | 0.200     | 0.4          | Pass        |
| Propoxur                | ND           | 0.041     | 0.190     | 0.2          | Pass        |
| Pyrethrins              | ND           | 0.019     | 0.200     | 1.0          | Pass        |
| Pyridaben               | ND           | 0.025     | 0.160     | 0.2          | Pass        |
| Spinetoram, Total       | ND           | 0.034     | 0.200     | 1.0          | Pass        |
| Spinosad, Total         | ND           | 0.033     | 0.100     | 0.2          | Pass        |
| Spiromesifen            | ND           | 0.019     | 0.100     | 0.2          | Pass        |
| Spirotetramat           | ND           | 0.010     | 0.100     | 0.2          | Pass        |
| Spiroxamine             | ND           | 0.018     | 0.100     | 0.2          | Pass        |
| Tebuconazole            | ND           | 0.015     | 0.200     | 0.4          | Pass        |
| Thiacloprid             | ND           | 0.005     | 0.100     | 0.2          | Pass        |
| Thiamethoxam            | ND           | 0.014     | 0.100     | 0.2          | Pass        |
| Trifloxystrobin         | ND           | 0.045     | 0.100     | 0.2          | Pass        |

Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.  
 ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; ppm = Parts Per Million.

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**Filth and Foreign Material [TM-NY-11]** Analyst: TC/WP Test Date: 2/3/2026 15:23

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**Table 11 - S26-00324 Tangerine Cookies - Flower Flower Filth and Foreign Material Testing**

| Test Analysis     | Result | Units | Limits | Disposition |
|-------------------|--------|-------|--------|-------------|
| Mammalian Excreta | ND     | mg    | 1 mg   | Pass        |
| Stems (>3mm)      | ND     | %     | 5%     | Pass        |
| Foreign Material  | ND     | %     | 2%     | Pass        |

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Note: Testing limits are based on the limits set forth by the New York Office of Cannabis Management pursuant to 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law.  
 ND = Not Detected.