



# Off Hours: Serenity

Sample ID: 2502BTL0017.0054

Strain: N/A

Matrix: Ingestible

Type: Soft Chew

Batch/Lot Size: 25000 units

Batch#: OH-G-SE-007

Units Sampled: 5

Client

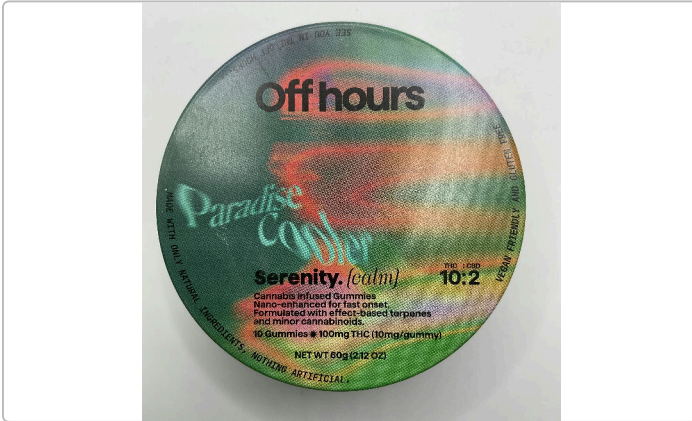
**Nowave LLC**  
 18444669283  
 seth@nowave.com  
 Lic. # OCM-PROC-24-000070  
 300 Trade Court  
 Rochester, NY 14624

Sample Collection Site: 300 Trade Court Rochester, NY 14624

Date/Time Sampling Started: 02/04/25 11:11

Date/Time Sampling Finished: 02/04/25 11:26

Date/Time Sample Received: 02/04/25 12:45



## Summary

| Test              | Result   |
|-------------------|----------|
| Batch             | Pass     |
| Cannabinoids      | Complete |
| Water Activity    | Pass     |
| Residual Solvents | Pass     |
| Microbials        | Pass     |
| Mycotoxins        | Pass     |
| Pesticides        | Pass     |
| Heavy Metals      | Pass     |

Report Notes: See Report 44068 for Terpenes, Heavy Metals, Residual Solvents, Pesticides and Mycotoxins results.

## Cannabinoids

Complete

**9.945 mg/serving**

Total THC

**2.556 mg/serving**

Total CBD

**0.000 mg/serving**

Total CBG

| Analyte          | LOQ        | Result       | Result      | Result        |
|------------------|------------|--------------|-------------|---------------|
|                  | mg/g       | mg/g         | %           | mg/serving    |
| THCa             | 0.001 mg/g | <LOQ         | <LOQ        | <LOQ          |
| Δ9-THC           | 0.001 mg/g | 1.715        | 0.17        | 9.945         |
| Δ8-THC           | 0.001 mg/g | <LOQ         | <LOQ        | <LOQ          |
| THCV             | 0.001 mg/g | <LOQ         | <LOQ        | <LOQ          |
| CBDa             | 0.001 mg/g | <LOQ         | <LOQ        | <LOQ          |
| CBD              | 0.001 mg/g | 0.441        | 0.04        | 2.556         |
| CBDV             | 0.001 mg/g | <LOQ         | <LOQ        | <LOQ          |
| CBN              | 0.001 mg/g | 0.394        | 0.04        | 2.283         |
| CBGa             | 0.001 mg/g | <LOQ         | <LOQ        | <LOQ          |
| CBG              | 0.001 mg/g | <LOQ         | <LOQ        | <LOQ          |
| CBC              | 0.001 mg/g | <LOQ         | <LOQ        | <LOQ          |
| (6aR,9S)-d10-THC | 0.001 mg/g | <LOQ         | <LOQ        | <LOQ          |
| (6aR,9R)-d10-THC | 0.001 mg/g | <LOQ         | <LOQ        | <LOQ          |
| <b>Total THC</b> |            | <b>1.715</b> | <b>0.17</b> | <b>9.945</b>  |
| <b>Total CBD</b> |            | <b>0.441</b> | <b>0.04</b> | <b>2.556</b>  |
| <b>Total</b>     |            | <b>2.549</b> | <b>0.25</b> | <b>14.784</b> |

Date/Time Tested: 02/05/2025 11:15; 10 servings per container.; Method: SOP- H101 SOP-H102; Report Notes:

**Not Tested**

Moisture Content

**Pass**

Limit: 0.85aw, Date Tested: 2/7/2025, Time Tested: 15:02, Method: SOP-059

**Water Activity - 0.40 aw**

**Not Tested**

Foreign Matter

**Not Tested**

NT  
Limit: 10%

**Total Terpenes**



*Steven Heine*

Steven Heine  
 Quality Control Officer  
 02/13/2025 01:13

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ND=Not Detected, NR=Not Reported, LOD=Limit of Detection, LOQ=Limit of Quantitation. This product has been tested by Biotrax Testing Laboratory Inc, using valid testing methodologies and a quality system as required by New York state law. Values reported relate only to the product tested and batched under the batch number identified above. Biotrax Testing Laboratory Inc makes no claims as to the efficacy, safety, or other risks associated with any results reported herein. This Certificate must not be altered, and shall not be reproduced except in full, without the written approval of Biotrax Testing Laboratory Inc.



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Date/Time Sample Received: 02/04/25 12:45

## Microbials

Pass

| Analyte          | LOQ          | Limit          | Result         | Status |
|------------------|--------------|----------------|----------------|--------|
| Aerobic Bacteria | CFU/g<br>100 | CFU/g<br>10000 | CFU/g<br>< 100 | Pass   |
| Yeast & Mold     | 100          | 1000           | < 100          | Pass   |

Date/Time Tested (Yeast & Mold): 02/06/2025 13:33

Date/Time Tested (Aerobic Bacteria): 02/06/2025 13:33

Date/Time Tested (Quantitative):

Method: SOP-100: Total Yeast/Mold Count, SOP-101: E. coli Count, SOP-102: Staphylococcus Count, SOP-103: Enterobacteriaceae Count, SOP-104: Aerobic Count, SOP-105: Coliform Count

| Analyte               | LOQ | Limit        | Result       | Status |
|-----------------------|-----|--------------|--------------|--------|
| Aspergillus flavus    | 1   | Not Detected | Not Detected | Pass   |
| Aspergillus niger     | 1   | Not Detected | Not Detected | Pass   |
| Aspergillus fumigatus | 1   | Not Detected | Not Detected | Pass   |
| Aspergillus terreus   | 1   | Not Detected | Not Detected | Pass   |
| Shiga Toxin E. Coli   | 1   | Not Detected | Not Detected | Pass   |
| Salmonella            | 1   | Not Detected | Not Detected | Pass   |

Date/Time Tested (Qualitative): 02/10/2025 11:55

Method: SOP-065: Aspergillus, SOP-066: STEC/Salmonella



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 Quality Control Officer  
 02/13/2025 01:13

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 716-651-0146  
 License #: OCM-CPL-00005

# Certificate of Analysis

Final



Date Released: 2/13/2025 3:42:04PM

Report #: 44068

## 2502BTL0017.0054

Sample #: 10983, Weight: 28.90g, Unit Count:  
 Order #: X250207-0003

Category/Type: Ingestible, Edibles

Date Collected: 2/7/2025 8:45:17AM

Date Received: 2/10/2025 9:24:53AM

Date Sampled: 2/10/2025 9:24:53AM

Regulator Sample ID: 2502BTL0017.0054

Regulator Source Package ID: 2502BTL0017.0054

Regulator Batch ID: 2502BTL0017.0054

Size: Not Provided, Unit Count:

|                           |                      |                           |                    |                    |
|---------------------------|----------------------|---------------------------|--------------------|--------------------|
|                           |                      |                           |                    |                    |
| Total Terpenes<br>0.123 % | Heavy Metals<br>PASS | Residual Solvents<br>PASS | Pesticides<br>PASS | Mycotoxins<br>PASS |

### Terpenes by HS-GC-MS

Date Completed: 02/12/2025 2:43PM



| Compound           | CAS#       | LOQ (%) | %      | Relative Concentration           |
|--------------------|------------|---------|--------|----------------------------------|
| Limonene           | 5989-27-5  | 0.1000  | 0.1231 | <div style="width: 100%;"></div> |
| Beta-myrcene       | 123-35-3   | 0.1000  | ND     | <div style="width: 0%;"></div>   |
| Beta-caryophyllene | 87-44-5    | 0.1000  | ND     | <div style="width: 0%;"></div>   |
| Alpha-pinene       | 80-56-8    | 0.1000  | ND     | <div style="width: 0%;"></div>   |
| Alpha-humulene     | 6753-98-6  | 0.1000  | ND     | <div style="width: 0%;"></div>   |
| Linalool           | 78-70-6    | 0.1000  | ND     | <div style="width: 0%;"></div>   |
| Beta-pinene        | 127-91-3   | 0.1000  | ND     | <div style="width: 0%;"></div>   |
| Terpinolene        | 586-62-9   | 0.1000  | ND     | <div style="width: 0%;"></div>   |
| Ocimene            | 13877-91-3 | 0.1000  | ND     | <div style="width: 0%;"></div>   |
| Alpha-bisabolol    | 515-69-5   | 0.1000  | ND     | <div style="width: 0%;"></div>   |

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*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





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Final



Sample #: 10983

2502BTL0017.0054

| Compound            | CAS#       | LOQ (%) | %  | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| Caryophyllene-oxide | 1139-30-6  | 0.1000  | ND |                        |
| Geraniol            | 106-24-1   | 0.1000  | ND |                        |
| Camphene            | 79-92-5    | 0.1000  | ND |                        |
| Guaiol              | 489-86-1   | 0.1000  | ND |                        |
| Alpha-terpinene     | 99-86-5    | 0.1000  | ND |                        |
| Terpineol           | 8006-39-1  | 0.1000  | ND |                        |
| Fenchol             | 14575-74-7 | 0.1000  | ND |                        |
| Valencene           | 4630-07-3  | 0.1000  | ND |                        |
| Alpha-phellandrene  | 99-83-2    | 0.1000  | ND |                        |
| Farnesene           | 502-61-4   | 0.1000  | ND |                        |

**Test Comment:** Terpenes tested by GCMS using P-NY210. Unless otherwise stated, all QC passed.

## Pesticides by LCMSMS

Pass

Analysis Date: 02/13/2025 11:14 am

| Compound     | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|--------------|------------|---------------|---------------|--------|
| Abamectin    | 0.0100     | 0.500         | ND            | Pass   |
| Acephate     | 0.0100     | 0.400         | ND            | Pass   |
| Acequinocyl  | 0.0100     | 2.00          | ND            | Pass   |
| Acetamiprid  | 0.0100     | 0.200         | ND            | Pass   |
| Aldicarb     | 0.0100     | 0.400         | ND            | Pass   |
| Azadirachtin | 0.0100     | 1.00          | ND            | Pass   |
| Azoxystrobin | 0.0100     | 0.200         | ND            | Pass   |
| Bifenazate   | 0.0100     | 0.200         | ND            | Pass   |
| Bifenthrin   | 0.0100     | 0.200         | ND            | Pass   |
| Boscalid     | 0.0100     | 0.400         | ND            | Pass   |
| Captan       | 0.0100     | 1.00          | ND            | Pass   |
| Carbaryl     | 0.0100     | 0.200         | ND            | Pass   |
| Carbofuran   | 0.0100     | 0.200         | ND            | Pass   |

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# Certificate of Analysis

Final



Sample #: 10983

2502BTL0017.0054

## Pesticides by LCMSMS

Pass

Analysis Date: 02/13/2025 11:14 am

| Compound              | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------------------|------------|---------------|---------------|--------|
| Chlorantraniliprole   | 0.0100     | 0.200         | ND            | Pass   |
| Chlordane-alpha       | 0.0100     | 1.00          | ND            | Pass   |
| Chlorfenapyr          | 0.0100     | 1.00          | 0.284         | Pass   |
| Chloromequat Chloride | 0.0100     | 1.00          | ND            | Pass   |
| Chlorpyrifos          | 0.0100     | 0.200         | ND            | Pass   |
| Clofentezine          | 0.0100     | 0.200         | ND            | Pass   |
| Coumaphos             | 0.0100     | 1.00          | ND            | Pass   |
| Cyfluthrin            | 0.0100     | 1.00          | ND            | Pass   |
| Cypermethrin          | 0.0100     | 1.00          | ND            | Pass   |
| Daminozide            | 0.0100     | 1.00          | ND            | Pass   |
| Diazinon              | 0.0100     | 0.200         | ND            | Pass   |
| Dichlorvos            | 0.0100     | 1.00          | ND            | Pass   |
| Dimethoate            | 0.0100     | 0.200         | ND            | Pass   |
| Dimethomorph          | 0.0100     | 1.00          | ND            | Pass   |
| Ethoprophos           | 0.0100     | 0.200         | ND            | Pass   |
| Etofenprox            | 0.0100     | 0.400         | ND            | Pass   |
| Etoxazole             | 0.0100     | 0.200         | ND            | Pass   |
| Fenhexamid            | 0.0100     | 1.00          | ND            | Pass   |
| Fenoxycarb            | 0.0100     | 0.200         | ND            | Pass   |
| Fenpyroximate         | 0.0100     | 0.400         | ND            | Pass   |
| Fipronil              | 0.0100     | 0.400         | ND            | Pass   |
| Flonicamid            | 0.0100     | 1.00          | ND            | Pass   |
| Fludioxonil           | 0.0100     | 0.400         | ND            | Pass   |
| Hexythiazox           | 0.0100     | 1.00          | ND            | Pass   |
| Imazalil              | 0.0100     | 0.200         | ND            | Pass   |
| Imidacloprid          | 0.0100     | 0.400         | ND            | Pass   |

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# Certificate of Analysis

Final



Sample #: 10983

2502BTL0017.0054

## Pesticides by LCMSMS

Pass

Analysis Date: 02/13/2025 11:14 am

| Compound                | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-------------------------|------------|---------------|---------------|--------|
| Indolebutyric Acid      | 0.0100     | 1.00          | ND            | Pass   |
| Kresoxim-methyl         | 0.0100     | 0.400         | ND            | Pass   |
| Malathion               | 0.0100     | 0.200         | ND            | Pass   |
| Metaxyl                 | 0.0100     | 0.200         | ND            | Pass   |
| Methiocarb              | 0.0100     | 0.200         | ND            | Pass   |
| Methomyl                | 0.0100     | 0.400         | ND            | Pass   |
| Methyl Parathion        | 0.0100     | 0.200         | ND            | Pass   |
| Mevinphos               | 0.0100     | 1.00          | ND            | Pass   |
| MGK-264                 | 0.0100     | 0.200         | ND            | Pass   |
| Myclobutanil            | 0.0100     | 0.200         | ND            | Pass   |
| Naled                   | 0.0100     | 0.500         | ND            | Pass   |
| Oxamyl                  | 0.0100     | 1.00          | ND            | Pass   |
| Paclobutrazol           | 0.0100     | 0.400         | ND            | Pass   |
| Pentachloronitrobenzene | 0.0100     | 1.00          | ND            | Pass   |
| Permethrins, Total      | 0.0100     | 0.200         | ND            | Pass   |
| Phosmet                 | 0.0100     | 0.200         | ND            | Pass   |
| Piperonyl Butoxide      | 0.0100     | 2.00          | ND            | Pass   |
| Prallethrin             | 0.0100     | 0.200         | ND            | Pass   |
| Propiconazole           | 0.0100     | 0.400         | ND            | Pass   |
| Propoxur                | 0.0100     | 0.200         | ND            | Pass   |
| Pyrethrins Total        | 0.0100     | 1.00          | ND            | Pass   |
| Pyridaben               | 0.0100     | 0.200         | ND            | Pass   |
| Spinetoram Total        | 0.0100     | 1.00          | ND            | Pass   |
| Spinosad Total          | 0.0100     | 0.200         | ND            | Pass   |
| Spiromesifen            | 0.0100     | 0.200         | ND            | Pass   |
| Spirotetramat           | 0.0100     | 0.200         | ND            | Pass   |

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# Certificate of Analysis

Final



Sample #: 10983

2502BTL0017.0054

## Pesticides by LCMSMS

Pass

Analysis Date: 02/13/2025 11:14 am

| Compound        | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------------|------------|---------------|---------------|--------|
| Spiroxamine     | 0.0100     | 0.200         | ND            | Pass   |
| Tebuconazole    | 0.0100     | 0.400         | ND            | Pass   |
| Thiacloprid     | 0.0100     | 0.200         | ND            | Pass   |
| Thiamethoxam    | 0.0100     | 0.200         | ND            | Pass   |
| Trifloxystrobin | 0.0100     | 0.200         | ND            | Pass   |

Comment: Pesticides tested by LCMSMS by using P-NY150. Unless otherwise stated, all QC passed.

## Residual Solvents by HS-GC-MS

Pass

Analysis Date: 02/11/2025 1:22 pm

| Compound                  | LOQ (ppm) | Limits (ppm) | Result (ppm) | Status |
|---------------------------|-----------|--------------|--------------|--------|
| 1,2-Dichloroethane        | 0.0500    | 5.00         | ND           | Pass   |
| Acetone                   | 50.00     | 5000         | ND           | Pass   |
| Acetonitrile              | 50.00     | 410          | ND           | Pass   |
| Benzene                   | 0.5000    | 2.00         | ND           | Pass   |
| Butanes Total             | 25.00     | 5000         | ND           | Pass   |
| Chloroform                | 0.5000    | 60.0         | ND           | Pass   |
| Dimethyl Sulfoxide (DMSO) | 50.00     | 5000         | ND           | Pass   |
| Ethanol                   | 50.00     | 5000         | ND           | Pass   |
| Ethyl acetate             | 50.00     | 5000         | ND           | Pass   |
| Ethyl ether               | 50.00     | 5000         | ND           | Pass   |
| Freon                     | 50.00     | 1000         | ND           | Pass   |
| Heptane                   | 50.00     | 5000         | ND           | Pass   |
| Hexanes Total             | 10.00     | 290          | ND           | Pass   |
| Isopropanol               | 50.00     | 5000         | ND           | Pass   |
| Methanol                  | 50.00     | 3000         | ND           | Pass   |
| Methylene chloride        | 50.00     | 600          | ND           | Pass   |
| Pentanes Total            | 16.70     | 5000         | ND           | Pass   |

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# Certificate of Analysis

Final



Sample #: 10983

2502BTL0017.0054

## Residual Solvents by HS-GC-MS

Pass

Analysis Date: 02/11/2025 1:22 pm

| Compound                 | LOQ (ppm) | Limits (ppm) | Result (ppm) | Status |
|--------------------------|-----------|--------------|--------------|--------|
| Propane                  | 50.00     | 5000         | ND           | Pass   |
| Toluene                  | 50.00     | 890          | ND           | Pass   |
| Total xylenes            | 25.00     | 2170         | ND           | Pass   |
| Trichloroethane (1,1,1-) | 50.00     | 1500         | ND           | Pass   |

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.

## Mycotoxins by LCMSMS

Pass

Analysis Date: 02/13/2025 11:12 am

| Compound        | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------------|------------|---------------|---------------|--------|
| Aflatoxin B1    | 0.0050     | 0.020         | ND            | Pass   |
| Aflatoxin B2    | 0.0050     | 0.020         | ND            | Pass   |
| Aflatoxin G1    | 0.0050     | 0.020         | ND            | Pass   |
| Aflatoxin G2    | 0.0050     | 0.020         | ND            | Pass   |
| Ochratoxin A    | 0.0050     | 0.020         | ND            | Pass   |
| Total Aflatoxin | 0.0050     | 0.020         | ND            | Pass   |

Comment: Mycotoxin contamination tested by LCMSMS using P-NY125. Unless otherwise stated, all QC passed.

## Heavy Metals by ICPMS

Pass

Analysis Date: 02/12/2025 3:07 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100     | 120           | ND            | Pass   |
| Arsenic  | 0.00100    | 1.50          | ND            | Pass   |
| Cadmium  | 0.00150    | 0.500         | ND            | Pass   |
| Chromium | 0.280      | 1100          | ND            | Pass   |
| Copper   | 0.0750     | 300           | ND            | Pass   |
| Lead     | 0.00250    | 0.500         | ND            | Pass   |
| Mercury  | 0.000500   | 3.00          | ND            | Pass   |
| Nickel   | 0.0100     | 20.0          | ND            | Pass   |

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Final



**Sample #: 10983**

**2502BTL0017.0054**

Comment: Heavy Metal contamination tested by ICPMS using P-NY140. Unless otherwise stated, all QC passed.

LOQ= Level of Quantitation. ND= Not Detected. Date Sampled= Date and time sample was collected from client. Date Collected= Date and time sample was received at the laboratory. Date Received= Date and time sample entered the laboratory workflow.

Results based on simple acceptance, not taking into consideration measurement uncertainty.

If sampled by Keystone State Testing, sampling followed SOP-P-NY500 at the client facility listed above.



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