Certificate of Analysis

**Analytical Test Report**

| **Client:** | **Final Report** | **MCR-S25-02067 Rev.01.00** | **Laboratory:** |
|---|---|---|---|
| High End Processing<br>OCM-PROC-24-000090 | **Report Date** | 10/16/2025 | MCR Labs<br>Julian England<br>315-541-4202<br>800 Broad Street<br>Utica, NY 13501 |
| | **Lab Permit** | OCM-CPL-2022-00008 | |
| | **Sample Collection Site** | Spencer, NY | |
| | **Sample Collection Date and Time** | 10/9/2025 15:00 | |

| Sample ID # | Sample Name | Matrix | Sample Type | Date Received |
|---|---|---|---|---|
| S25-02067 | Upstate Craft Cannabis 1g 510 Vape Cart - Archie's Cannabis Co. - Lemon Cheesecake | Concentrate | Adult Use | 10/9/2025 |

| Lot # | Lot Size (units) | Number of Units Recieved |
|---|---|---|
| UCC-3210-001 | 250 | 10 |

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. Sample incubation period for YM exceeded method requirement. However, it has been determined that the sample result is valid.

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 |
| 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 |
| Residuals Solvents Screen | RS | TM-NY-4 | Residual solvents as required by OCM | 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 |

***Cannabinoid Profile [TM-NY-7]*** Analyst: TC Test Date: 10/15/2025 17:34

***Table 1 - S25-02067 Upstate Craft Cannabis 1g 510 Vape Cart - Archie's Cannabis Co. - Lemon Cheesecake Concentrate Cannabinoid Testing***

| Analyte | Cannabinoid | Conc. (weight %) | Conc. (mg/g) | LOD (weight %) | LOQ (weight %) |
|---|---|---|---|---|---|
| CBC | Cannabichromene | 1.44% | 14.4 | 0.0157% | 0.1784% |
| CBD | Cannabidiol | 0.581% | 5.80 | 0.0239% | 0.1784% |
| CBDA | Cannabidiolic Acid | ND | ND | 0.0180% | 0.1784% |
| CBDV | Cannabidivarin | ND | ND | 0.0232% | 0.1784% |
| CBG | Cannabigerol | 1.88% | 18.8 | 0.0203% | 0.1784% |
| CBGA | Cannabigerolic Acid | <LOQ | <LOQ | 0.0219% | 0.1784% |
| CBN | Cannabinol | 2.21% | 22.1 | 0.0186% | 0.1784% |
| Δ8-THC | Δ8-Tetrahydrocannabinol | ND | ND | 0.0671% | 0.1784% |
| Δ9-THC | Δ9-Tetrahydrocannabinol | 58.1% | 581 | 0.0503% | 0.1784% |
| Δ10R-THC | Δ10R-Tetrahydrocannabinol | ND | ND | 0.0194% | 0.1784% |
| Δ10S-THC | Δ10S-Tetrahydrocannabinol | ND | ND | 0.0157% | 0.1784% |
| THCV | Tetrahydrocannabivarin | 0.541% | 5.41 | 0.0302% | 0.1784% |
| THCA | Tetryhydrocannabinolic Acid | ND | ND | 0.0203% | 0.1784% |

| | | | | |
|---|---|---|---|---|
| Total Active Cannabinoids (sum of above table) | 64.8% | 648 | N/A | N/A |
| Total THC = THC + (THCA * 0.877) | 58.1% | 581 | N/A | N/A |
| Total CBD = CBD + (CBDA * 0.877) | 0.581% | 5.80 | 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

***Heavy Metals Screen [TM-NY-5]*** Analyst: BS Test Date: 10/10/2025 16:56

***Table 2 - S25-02067 Upstate Craft Cannabis 1g 510 Vape Cart - Archie's Cannabis Co. - Lemon Cheesecake Concentrate 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 | ND | 0.017 | 0.05 | 0.2 | Pass |
| Mercury | ND | 0.020 | 0.04 | 0.1 | Pass |
| Lead | ND | 0.007 | 0.09 | 0.5 | Pass |
| Chromium | ND | 0.645 | 20.00 | 110 | Pass |
| Copper | ND | 0.208 | 5.45 | 30 | Pass |
| Nickel | ND | 0.163 | 0.36 | 2 | 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 Test Date: 10/10/2025 8:30 AM

***Table 3 - S25-02067 Upstate Craft Cannabis 1g 510 Vape Cart - Archie's Cannabis Co. - Lemon Cheesecake Concentrate 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: JE Test Date: 10/10/2025 9:52

***Table 4 - S25-02067 Upstate Craft Cannabis 1g 510 Vape Cart - Archie's Cannabis Co. - Lemon Cheesecake Concentrate Microbiological Testing***

| Test Analysis | Result | Unit | LOQ | Limits | Disposition |
|---|---|---|---|---|---|
| Total Viable Aerobic Bacteria | <100 | CFU/g | 100 CFU/g | 10000 | Pass |
| Total Yeast and Mold | <100 | CFU/g | 100 CFU/g | 1000 | 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.
CFU = Colony Forming Unit; LOQ = Limit of Quantitation.

***Microbiological Screen [TM-NY-8]*** Analyst: TC Test Date: 10/10/2025 9:52

***Table 5 - S25-02067 Upstate Craft Cannabis 1g 510 Vape Cart - Archie's Cannabis Co. - Lemon Cheesecake Concentrate 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 |

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.

***Residual Solvents Screen [TM-NY-4]*** Analyst: JE/NM Test Date: 10/10/2025 13:45

***Table 6 - S25-02067 Upstate Craft Cannabis 1g 510 Vape Cart - Archie's Cannabis Co. - Lemon Cheesecake Concentrate Residual Solvents Testing***

| Analyte | Result (ppm) | LOD (ppm) | LOQ (ppm) | Limits (ppm) | Disposition |
|---|---|---|---|---|---|
| Acetone | ND | 236.8 | 2000.0 | 5000 | Pass |
| Acetonitrile | ND | 23.4 | 164.0 | 410 | Pass |
| Benzene | ND | 0.3 | 0.8 | 2 | Pass |
| Chloroform | ND | 2.6 | 24.0 | 60 | Pass |
| 1,2-Dichloroethane | ND | 0.3 | 2.0 | 5 | Pass |
| Diethyl ether | ND | 216.8 | 2000.0 | 5000 | Pass |
| Dimethyl sulfoxide | ND | 166.4 | 2000.0 | 5000 | Pass |
| Ethanol | ND | 244.0 | 2000.0 | 5000 | Pass |
| Ethyl acetate | ND | 202.4 | 2000.0 | 5000 | Pass |
| Heptane | ND | 187.6 | 2000.0 | 5000 | Pass |
| Isopropyl Alcohol | ND | 212.4 | 2000.0 | 5000 | Pass |
| Methanol | ND | 174.4 | 1200.0 | 3000 | Pass |
| Methylene Chloride | ND | 25.9 | 240.0 | 600 | Pass |
| Propane | ND | 88.4 | 1000.0 | 5000 | Pass |
| 1,1,1,2-Tetrafluoroethane | ND | 123.6 | 400.0 | 1000 | Pass |
| Toluene | ND | 32.7 | 356.0 | 890 | Pass |
| 1,1,1-Trichloroethane | ND | 59.2 | 600.0 | 1500 | Pass |
| Total Butanes | ND | 108.8 | 1000.0 | 5000 | Pass |
| Total Hexanes | ND | 10.0 | 116.0 | 290 | Pass |
| Total Pentanes | ND | 124.4 | 1000.0 | 5000 | Pass |
| Total Xylenes | ND | 86.4 | 868.0 | 2170 | 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.

***Terpene Profile [TM-NY-12]*** Analyst: NM Test Date: 10/10/2025 12:15 PM

***Table 7 - S25-02067 Upstate Craft Cannabis 1g 510 Vape Cart - Archie's Cannabis Co. - Lemon Cheesecake Concentrate Terpene Testing***

| Analyte | Result (weight %) | Result (ppm) | LOD (weight %) | LOD (ppm) | LOQ (weight %) | LOQ (ppm) |
|---|---|---|---|---|---|---|
| α-Pinene | 0.0895 | 895 | 0.0097 | 97 | 0.0470 | 470 |
| Camphene | <LOQ | <LOQ | 0.0083 | 83 | 0.0470 | 470 |
| β-Myrcene | 0.0952 | 952 | 0.0079 | 79 | 0.0470 | 470 |
| β-Pinene | <LOQ | <LOQ | 0.0076 | 76 | 0.0470 | 470 |
| Δ-3-Carene | <LOQ | <LOQ | 0.0078 | 78 | 0.0470 | 470 |
| α-Terpinene | <LOQ | <LOQ | 0.0082 | 82 | 0.0470 | 470 |
| cis-β-Ocimene | ND | ND | 0.0021 | 21 | 0.0117 | 117 |
| D-Limonene | 0.0780 | 780 | 0.0083 | 83 | 0.0470 | 470 |
| p-Cymene | ND | ND | 0.0093 | 93 | 0.0470 | 470 |
| trans-β-Ocimene | ND | ND | 0.0071 | 71 | 0.0352 | 352 |
| Eucalyptol | ND | ND | 0.0082 | 82 | 0.0470 | 470 |
| γ-Terpinene | ND | ND | 0.0081 | 81 | 0.0470 | 470 |
| Terpinolene | <LOQ | <LOQ | 0.0081 | 81 | 0.0470 | 470 |
| Linalool | 0.0833 | 833 | 0.0082 | 82 | 0.0470 | 470 |
| Isopulegol | <LOQ | <LOQ | 0.0095 | 95 | 0.0470 | 470 |
| Geraniol | ND | ND | 0.0104 | 104 | 0.0470 | 470 |
| β-Caryophyllene | 0.4287 | 4287 | 0.0098 | 98 | 0.0470 | 470 |
| α-Humulene | 0.2663 | 2663 | 0.0090 | 90 | 0.0470 | 470 |
| cis-Nerolidol | 0.0586 | 586 | 0.0045 | 45 | 0.0202 | 202 |
| trans-Nerolidol | 0.0569 | 569 | 0.0121 | 121 | 0.0470 | 470 |
| Guaiol | 0.1269 | 1269 | 0.0080 | 80 | 0.0470 | 470 |
| Caryophyllene Oxide | 0.0699 | 699 | 0.0103 | 103 | 0.0470 | 470 |
| α-Bisabolol | 1.2409 | 12409 | 0.0096 | 96 | 0.0470 | 470 |
| α-Terpineol | <LOQ | <LOQ | 0.0049 | 49 | 0.0470 | 470 |
| Fenchol | 0.0675 | 675 | 0.0023 | 23 | 0.0470 | 470 |
| Valencene | 0.4913 | 4913 | 0.0078 | 78 | 0.0470 | 470 |
| α-Phellandrene | <LOQ | <LOQ | 0.0171 | 171 | 0.0470 | 470 |
| trans-β-Farnesene | 0.0906 | 906 | 0.0231 | 231 | 0.0470 | 470 |

| | Result (weight %) | Limit (weight %) | Disposition |
|---|---|---|---|
| Total Terpenes | 3.2436 | 10.0000 | Pass |

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ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation.

***Pesticides Screen [TM-NY-6]*** Analyst: NM Test Date: 10/11/2025 8:30 AM

***Table 8 - S25-02067 Upstate Craft Cannabis 1g 510 Vape Cart - Archie's Cannabis Co. - Lemon Cheesecake Concentrate 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 |

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***Pesticides Screen [TM-NY-6]*** Analyst: NM Test Date: 10/11/2025 8:30 AM

***Table 9 - S25-02067 Upstate Craft Cannabis 1g 510 Vape Cart - Archie's Cannabis Co. - Lemon Cheesecake Concentrate 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.