

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

|                           |                                 |                          |                   |
|---------------------------|---------------------------------|--------------------------|-------------------|
| <b>Date Reported:</b>     | 3/27/2025                       | <b>Sample ID:</b>        | 20250318-HVCN-003 |
| <b>Client Name:</b>       | Hudson Valley Canna             | <b>Sample Name:</b>      | Cherry Goji       |
| <b>Sampling Location:</b> | White Sulphur Springs, New York | <b>Sample Matrix:</b>    | Flower            |
| <b>Contact Name:</b>      | Michael Schur                   | <b>Sample Sub Type:</b>  | Pre-roll          |
| <b>Contact Email:</b>     | mschur@methodconstruction.us    | <b>Package ID:</b>       |                   |
| <b>License Number:</b>    | OCM-PROC-24-000077              | <b>Batch Lot ID:</b>     | ABCG2024-2.5      |
| <b>Medical/Adult Use:</b> | Adult Use                       | <b>Batch Size:</b>       | 1200              |
| <b>Sampling Date:</b>     | 03/18/2025 09:30:00 AM          | <b>Serving Size (g):</b> | 0.5               |

|                       |          |                        |          |                                     |          |                   |          |
|-----------------------|----------|------------------------|----------|-------------------------------------|----------|-------------------|----------|
| <b>Potency</b>        | <b>T</b> | <b>Pesticides</b>      | <b>P</b> | <b>Heavy Metals</b>                 | <b>P</b> | <b>Mycotoxins</b> | <b>P</b> |
| <b>Water Activity</b> | <b>P</b> | <b>Microbiological</b> | <b>P</b> | <b>Residual Solvents</b>            | <b>-</b> | <b>Terpenes</b>   | <b>P</b> |
|                       |          | <b>Moisture</b>        | <b>P</b> | <b>Filth &amp; Foreign Material</b> | <b>-</b> |                   |          |

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

### Cannabinoids: Cherry Goji (20250318-HVCN-003)

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

| Analyte   | % w/w  | mg/serving | MRL (% w/w) |
|-----------|--------|------------|-------------|
| CBDV      | < MRL  | < MRL      | 0.249       |
| CBDA      | < MRL  | < MRL      | 0.249       |
| CBGA      | 0.890  | 4.448      | 0.249       |
| CBG       | < MRL  | < MRL      | 0.249       |
| CBD       | < MRL  | < MRL      | 0.249       |
| THCV      | < MRL  | < MRL      | 0.249       |
| CBN       | < MRL  | < MRL      | 0.249       |
| D9-THC    | 1.919  | 9.595      | 0.249       |
| D8-THC    | < MRL  | < MRL      | 0.249       |
| D10-THC-S | < MRL  | < MRL      | 0.249       |
| D10-THC-R | < MRL  | < MRL      | 0.249       |
| CBC       | < MRL  | < MRL      | 0.249       |
| THCA      | 25.731 | 128.653    | 0.249       |

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: #100160 | Date Tested: 03/25/2025 05:48 AM

| Potency Summary                                                                            | % w/w  | mg/serving |
|--------------------------------------------------------------------------------------------|--------|------------|
| <b>Total THC</b> [ $\Delta 8$ -THC + $\Delta 9$ -THC + $\Delta 10$ -THC + (THCA * 0.877) ] | 24.485 | 122.424    |
| <b>Total CBD</b> [ CBD + (CBDA * 0.877) ]                                                  | < MRL  | < MRL      |
| <b>Total Cannabinoids</b>                                                                  | 28.540 | 142.696    |



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### Terpenes: Cherry Goji (20250318-HVCN-003)

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

| Analyte             | Result (% w/w) | MRL (% w/w) |
|---------------------|----------------|-------------|
| alpha-Pinene        | < MRL          | 0.05        |
| Camphene            | < MRL          | 0.05        |
| Sabinene            | < MRL          | 0.05        |
| beta-Pinene         | 0.09           | 0.05        |
| beta-Myrcene        | 0.23           | 0.05        |
| Alpha-phellandrene  | < MRL          | 0.05        |
| Carene              | < MRL          | 0.05        |
| alpha-terpinene     | < MRL          | 0.05        |
| p-Cymene            | < MRL          | 0.05        |
| Limonene            | 0.27           | 0.05        |
| Eucalyptol          | < MRL          | 0.05        |
| Ocimene             | 0.05           | 0.04        |
| gamma-Terpinene     | < MRL          | 0.05        |
| Sabinene Hydrate    | < MRL          | 0.05        |
| Terpinolene         | 0.16           | 0.05        |
| Linalool            | 0.12           | 0.05        |
| Fenchol             | 0.08           | 0.05        |
| Menthol             | < MRL          | 0.05        |
| Terpineol           | 0.08           | 0.05        |
| Citronellol         | < MRL          | 0.05        |
| Isopulegol          | < MRL          | 0.05        |
| Geraniol            | < MRL          | 0.05        |
| Alpha-cedrene       | < MRL          | 0.04        |
| Beta-Caryophyllene  | 0.29           | 0.05        |
| Farnesene           | < MRL          | 0.05        |
| alpha-Humulene      | 0.14           | 0.05        |
| Valencene           | < MRL          | 0.05        |
| cis-Nerolidol       | < MRL          | 0.02        |
| trans-Nerolidol     | < MRL          | 0.03        |
| Caryophyllene oxide | < MRL          | 0.05        |
| Guaiol              | < MRL          | 0.05        |
| alpha-Bisabolol     | 0.06           | 0.05        |

MRL = Minimum reporting limit/limit of quantification

Test ID: #100164 | Date Tested: 03/21/2025 07:10 AM

| Terpenes Summary              | Result | Limit | Pass/Fail |
|-------------------------------|--------|-------|-----------|
| <b>Total Terpenes (% w/w)</b> | 1.57   | 10    | PASS      |



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### Pesticides: Cherry Goji (20250318-HVCN-003)

**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: #100163 | Date Tested: 03/21/2025 11:09 AM



Results pertain to the sample received according to sampling procedures SOP-050-NY & SOP-065-NY and relate only to items tested. 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: Cherry Goji (20250318-HVCN-003)                                                               |           |               |                                                     |            | 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: #100161   Date Tested: 03/21/2025 11:10 AM |            |      |

| Heavy Metals: Cherry Goji (20250318-HVCN-003)                                                                 |           |               |                                                     |            | 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         | 5.0                                                 | 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: #100162   Date Tested: 03/20/2025 05:20 AM |            |      |

| Microbiological Screen: Cherry Goji (20250318-HVCN-003)                                                                      |           |                 |                                                     |             | PASS |
|------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|-----------------------------------------------------|-------------|------|
| Microbial analysis utilizing quantitative Polymerase Chain Reaction and microbial enumeration (qPCR; SOP-700-NY, SOP-701-NY) |           |                 |                                                     |             |      |
| Analyte                                                                                                                      | Pass/Fail | Results (CFU/g) | Limit (CFU/g)                                       | MRL (CFU/g) |      |
| Total Aerobic Bacteria                                                                                                       | PASS      | 400             | None                                                | 100         |      |
| Total Yeast & Mold                                                                                                           | PASS      | 29000           | None                                                | 100         |      |
| 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: #100166   Date Tested: 03/26/2025 01:09 PM |             |      |

| Moisture Content: Cherry Goji (20250318-HVCN-003)                     |           |            |                                                     |  | PASS |
|-----------------------------------------------------------------------|-----------|------------|-----------------------------------------------------|--|------|
| Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA) |           |            |                                                     |  |      |
| Analyte                                                               | Pass/Fail | Result (%) | Limit (%)                                           |  |      |
| Moisture                                                              | PASS      | 6.1        | 15                                                  |  |      |
| MRL = Minimum reporting limit/limit of quantification                 |           |            | Test ID: #100165   Date Tested: 03/27/2025 03:19 PM |  |      |

| Water Activity: Cherry Goji (20250318-HVCN-003)                                  |           |                          |                                                     |  | PASS |
|----------------------------------------------------------------------------------|-----------|--------------------------|-----------------------------------------------------|--|------|
| Water activity analysis utilizing a chilled mirror dew point sensor (SOP-059-GA) |           |                          |                                                     |  |      |
| Analyte                                                                          | Pass/Fail | Result (a <sub>w</sub> ) | Limit (a <sub>w</sub> )                             |  |      |
| Water Activity                                                                   | PASS      | 0.25                     | 0.65                                                |  |      |
| MRL = Minimum reporting limit/limit of quantification                            |           |                          | Test ID: #100167   Date Tested: 03/27/2025 03:19 PM |  |      |





# Certificate of Analysis

## Full Compliance Test

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Matthew Elmes  
Lab Director  
3/27/2025



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