

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

| | | | |
|---------------------------|----------------------------|--------------------------|---|
| Date Reported: | 2/5/2026 | Sample ID: | 20260128-HEPR-016 |
| Client Name: | High End Processing, LLC | Sample Name: | Nerd Bar 4.0 Gram AIO Vape Unit (Mangonade) |
| Sampling Location: | Spencer, NY | Sample Matrix: | Concentrate |
| Contact Name: | Jeff Luciano | Sample Sub Type: | Concentrate |
| Contact Email: | jeff@highendprocessing.com | Package ID: | |
| License Number: | OCM-PROC-24-000090 | Batch Lot ID: | NRB-1340-001 |
| Medical/Adult Use: | Adult Use | Batch Size: | 275 |
| Sampling Date: | 01/28/2026 02:20:00 PM | Serving Size (g): | 4 |
| METRC Test Tag ID: | 1A412030000157E000000373 | METRC Source ID: | 1A412030000157E000000362 |

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

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

Cannabinoids: Nerd Bar 4.0 Gram AIO Vape Unit (Mangonade) (20260128-HEPR-016)

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

| Analyte | % w/w | mg/serving | MRL (% w/w) |
|-----------|--------|------------|-------------|
| CBDV | < MRL | < MRL | 0.345 |
| CBDA | < MRL | < MRL | 0.345 |
| CBGA | < MRL | < MRL | 0.345 |
| CBG | 1.962 | 78.480 | 0.345 |
| CBD | 1.460 | 58.400 | 0.345 |
| THCV | 0.623 | 24.940 | 0.345 |
| CBN | 1.764 | 70.580 | 0.345 |
| D9-THC | 86.524 | 3460.960 | 0.345 |
| D8-THC | < MRL | < MRL | 0.345 |
| D10-THC-S | < MRL | < MRL | 0.345 |
| D10-THC-R | < MRL | < MRL | 0.345 |
| CBC | 0.673 | 26.940 | 0.345 |
| THCA | < MRL | < MRL | 0.345 |

MRL = Minimum reporting limit/limit of quantification
mg/serving = % w/w x10 x serving size weight (g)

Test ID: #191004 | Date Tested: 01/30/2026 10:01 AM

| Potency Summary | % w/w | mg/serving |
|---|--------|------------|
| Total THC [Δ8-THC + Δ9-THC + Δ10-THC + (THCA * 0.877)] | 86.524 | 3460.960 |
| Total CBD [CBD + (CBDA * 0.877)] | 1.460 | 58.400 |
| Total Cannabinoids | 93.008 | 3720.300 |



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. 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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Terpenes: Nerd Bar 4.0 Gram AIO Vape Unit (Mangonade) (20260128-HEPR-016) PASS

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

| Analyte | Result (% w/w) | MRL (% w/w) |
|---------------------|----------------|-------------|
| alpha-Pinene | < MRL | 0.12 |
| Camphene | < MRL | 0.12 |
| Sabinene | < MRL | 0.12 |
| beta-Pinene | < MRL | 0.12 |
| beta-Myrcene | 2.00 | 0.12 |
| Alpha-phellandrene | < MRL | 0.12 |
| Carene | < MRL | 0.12 |
| alpha-terpinene | < MRL | 0.12 |
| p-Cymene | < MRL | 0.12 |
| Limonene | < MRL | 0.12 |
| Eucalyptol | < MRL | 0.12 |
| Ocimene | < MRL | 0.09 |
| gamma-Terpinene | < MRL | 0.12 |
| Sabinene Hydrate | < MRL | 0.12 |
| Terpinolene | < MRL | 0.12 |
| Linalool | 0.25 | 0.12 |
| Fenchol | < MRL | 0.12 |
| Menthol | < MRL | 0.12 |
| Terpineol | < MRL | 0.12 |
| Citronellol | < MRL | 0.12 |
| Isopulegol | < MRL | 0.12 |
| Geraniol | < MRL | 0.12 |
| Alpha-cedrene | < MRL | 0.10 |
| Beta-Caryophyllene | < MRL | 0.12 |
| Farnesene | < MRL | 0.12 |
| alpha-Humulene | < MRL | 0.12 |
| Valencene | < MRL | 0.12 |
| cis-Nerolidol | < MRL | 0.05 |
| trans-Nerolidol | < MRL | 0.07 |
| Caryophyllene oxide | < MRL | 0.12 |
| Guaiol | < MRL | 0.12 |
| alpha-Bisabolol | < MRL | 0.12 |

MRL = Minimum reporting limit/limit of quantification Test ID: #191008 | Date Tested: 02/01/2026 11:19 AM

| Terpenes Summary | Result | Limit | Pass/Fail |
|-------------------------------|--------|-------|-----------|
| Total Terpenes (% w/w) | 2.24 | 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. Action limits are set according to the New York State Office of Cannabis Management Testing Limits.

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Residual Solvents: Nerd Bar 4.0 Gram AIO Vape Unit (Mangonade) (20260128-HEPR-016) PASS

Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (SOP-067-NY, SOP-010-NY)

| Analyte | Pass/Fail | Result (µg/g) | Limit (µg/g) | MRL (µg/g) |
|---|-----------|---------------|--------------|------------|
| 1,2-Dichloroethane | PASS | < MRL | 5.00 | 3.500 |
| 2-Propanol | PASS | < MRL | 5000 | 500.000 |
| Acetone | PASS | < MRL | 5000 | 2000.000 |
| Acetonitrile | PASS | < MRL | 410 | 40.000 |
| Butanes, total | PASS | < MRL | 5000 | 2500.000 |
| Benzene | PASS | < MRL | 2.00 | 0.650 |
| Chloroform | PASS | < MRL | 60.0 | 6.000 |
| Dichloromethane | PASS | < MRL | 600 | 60.000 |
| Dimethyl Sulfoxide | PASS | < MRL | 5000 | 1000.000 |
| Ethanol | PASS | < MRL | 5000 | 500.000 |
| Ethyl acetate | PASS | < MRL | 5000 | 500.000 |
| Ethyl ether | PASS | < MRL | 5000 | 500.000 |
| n-Heptane | PASS | < MRL | 5000 | 500.000 |
| Hexanes, total | PASS | < MRL | 290 | 30.000 |
| Methanol | PASS | < MRL | 3000 | 300.000 |
| Pentanes, total | PASS | < MRL | 5000 | 500.000 |
| Propane | PASS | < MRL | 5000 | 500.000 |
| Tetrafluoroethane (1,1,1,2-) (HFC-134a) | PASS | < MRL | 1000 | 400.000 |
| Toluene | PASS | < MRL | 890 | 100.000 |
| Trichloroethane | PASS | < MRL | 1500 | 1000.000 |
| Xylenes, total | PASS | < MRL | 2170 | 250.000 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #191007 | Date Tested: 02/01/2026 01:59 PM



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. Action limits are set according to the New York State Office of Cannabis Management Testing Limits.

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Pesticides: Nerd Bar 4.0 Gram AIO Vape Unit (Mangonade) (20260128-HEPR-016) 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 | 0.200 | 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 | 0.400 | 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 | 0.400 | 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: #191002 | Date Tested: 02/02/2026 11:07 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. Action limits are set according to the New York State Office of Cannabis Management Testing Limits.

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| Mycotoxins: Nerd Bar 4.0 Gram AIO Vape Unit (Mangonade) (20260128-HEPR-016) 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: #191003 Date Tested: 02/03/2026 12:13 PM | |

| Heavy Metals: Nerd Bar 4.0 Gram AIO Vape Unit (Mangonade) (20260128-HEPR-016) 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 | 2.00 | 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: #191001 Date Tested: 01/30/2026 07:52 AM | |

| Microbiology - Plating: Nerd Bar 4.0 Gram AIO Vape Unit (Mangonade) (20260128-HEPR-016) PASS | | | | |
|---|-----------|-----------------|--|-------------|
| Microbial analysis utilizing microbial enumeration (SOP-700-NY) | | | | |
| Analyte | Pass/Fail | Results (CFU/g) | Limit (CFU/g) | MRL (CFU/g) |
| Total Aerobic Bacteria | PASS | < MRL | 10000 | 100 |
| Total Yeast & Mold | PASS | < MRL | 1000 | 100 |
| Microbiology - qPCR: | | | | |
| Microbial analysis utilizing quantitative Polymerase Chain Reaction (SOP-701-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 |
| MRL = Minimum reporting limit/limit of quantification | | | Test IDs: #191010, #191009, #191012, #191011 Date Tested: 02/02/2026 06:40 PM, 02/01/2026 10:14 AM | |



Matthew Elmes
Lab Director
2/5/2026

