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Green Analytics NY, LLC

Pearl River, NY 10965
www.greenanalyticsllc.com
License #s: OCM-CPL-00013
ISO 17025 Certificate No.: 4356.09

# Certificate of Analysis
## Full Compliance Test

# Sample Result: PASS

| | | | |
|---|---|---|---|
| **Date Reported:** | 3/20/2025 | **Sample ID:** | 20250314-NTVA-018 |
| **Client Name:** | Seneca Development dba Nativa | **Sample Name:** | BlockBerry |
| **Sampling Location:** | Cuba, New York | **Sample Matrix:** | Flower |
| **Contact Name:** | Trey Franey | **Sample Sub Type:** | High Grade |
| **License Number:** | SNI-24-001 | **Package ID:** | 3715 |
| **Phone:** | 716-830-4566 | **Batch Lot ID:** | 02112025Blockberry |
| **Medical/Adult Use:** | Adult Use | **Batch Size:** | |
| **Sampling Date:** | 03/14/2025 09:00:00 AM | **Serving Size (g):** | 14 |

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

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

## Cannabinoids: BlockBerry (20250314-NTVA-018)

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

| Analyte | % w/w | mg/serving | MRL (% w/w) |
|---|---|---|---|
| CBDV | < MRL | < MRL | 0.251 |
| CBDA | < MRL | < MRL | 0.251 |
| CBGA | 0.844 | 118.140 | 0.251 |
| CBG | < MRL | < MRL | 0.251 |
| CBD | < MRL | < MRL | 0.251 |
| THCV | < MRL | < MRL | 0.251 |
| CBN | < MRL | < MRL | 0.251 |
| D9-THC | 0.436 | 60.982 | 0.251 |
| D8-THC | < MRL | < MRL | 0.251 |
| D10-THC-S | < MRL | < MRL | 0.251 |
| D10-THC-R | < MRL | < MRL | 0.251 |
| CBC | < MRL | < MRL | 0.251 |
| THCA | 24.343 | 3408.062 | 0.251 |

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: #99891 | Date Tested: 03/18/2025 05:47 AM

| Potency Summary | % w/w | mg/serving |
|---|---|---|
| **Total THC** [ Δ8-THC + Δ9-THC + Δ10-THC + (THCA * 0.877)) ] | 21.785 | 3049.852 |
| **Total CBD** [ CBD + (CBDA * 0.877) ] | < MRL | < MRL |
| **Total Cannabinoids** | 25.623 | 3587.184 |

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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## Terpenes: BlockBerry (20250314-NTVA-018)

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

| Analyte | Result (% w/w) | MRL (% w/w) |
|---|---|---|
| alpha-Pinene | 0.06 | 0.05 |
| Camphene | < MRL | 0.05 |
| Sabinene | < MRL | 0.05 |
| beta-Pinene | 0.08 | 0.05 |
| beta-Myrcene | 0.14 | 0.05 |
| Alpha-phellandrene | < MRL | 0.05 |
| Carene | < MRL | 0.05 |
| alpha-terpinene | < MRL | 0.05 |
| p-Cymene | < MRL | 0.05 |
| Limonene | 0.48 | 0.05 |
| Eucalyptol | < MRL | 0.05 |
| Ocimene | < MRL | 0.04 |
| gamma-Terpinene | < MRL | 0.05 |
| Sabinene Hydrate | < MRL | 0.05 |
| Terpinolene | < MRL | 0.05 |
| Linalool | 0.27 | 0.05 |
| Fenchol | 0.06 | 0.05 |
| Menthol | < MRL | 0.05 |
| Terpineol | 0.06 | 0.05 |
| Citronellol | < MRL | 0.05 |
| Isopulegol | < MRL | 0.05 |
| Geraniol | < MRL | 0.05 |
| Alpha-cedrene | < MRL | 0.04 |
| Beta-Caryophyllene | 0.27 | 0.05 |
| Farnesene | < MRL | 0.05 |
| alpha-Humulene | 0.13 | 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: #99896 | Date Tested: 03/17/2025 11:23 AM

| Terpenes Summary | Result | Limit | Pass/Fail |
|---|---|---|---|
| **Total Terpenes (% w/w)** | 1.61 | 10 | PASS |

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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# Certificate of Analysis
## Full Compliance Test

## Pesticides: BlockBerry (20250314-NTVA-018) 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: #99895 | Date Tested: 03/20/2025 12:18 PM

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: BlockBerry (20250314-NTVA-018) — 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: #99892 | Date Tested: 03/20/2025 12:18 PM

## Heavy Metals: BlockBerry (20250314-NTVA-018) — 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 | 2.0 | 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: #99893 | Date Tested: 03/19/2025 08:55 AM

## Microbiological Screen: BlockBerry (20250314-NTVA-018) — 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 | < MRL | None | 100 |
| Total Yeast & Mold | PASS | 300 | 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: #99898 | Date Tested: 03/18/2025 06:02 AM

| Microbiological Screen - E.Coli | Result (CFU/g) | MRL (CFU/g) |
|---|---|---|
| **E. coli** | Absent | 1 |

## Moisture Content: BlockBerry (20250314-NTVA-018) — PASS

Moisture content analysis utilizing Moisture Balance (MB; SOP-055-GA)

| Analyte | Pass/Fail | Result (%) | Limit (%) |
|---|---|---|---|
| Moisture | PASS | 9.7 | 15 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #99897 | Date Tested: 03/18/2025 05:30 AM

## Water Activity: BlockBerry (20250314-NTVA-018) — PASS

Water activity analysis utilizing a chilled mirror dew point sensor (SOP-059-GA)

| Analyte | Pass/Fail | Result ($a_w$) | Limit ($a_w$) |
|---|---|---|---|
| Water Activity | PASS | 0.50 | 0.65 |

MRL = Minimum reporting limit/limit of quantification

Test ID: #99899 | Date Tested: 03/18/2025 05:30 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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### Filth and Foreign Material: BlockBerry (20250314-NTVA-018) PASS

Filth and Foreign Material analysis utilizing microscopy (SOP-057-NY)

| Analyte | Results | Limit | Pass/Fail |
|---|---|---|---|
| Foreign Material (other, % m/m) | ND | 2 | PASS |
| Foreign Material (stems, % m/m) | ND | 5 | PASS |
| Mammalian Excreta (mg/lb) | ND | 1 | PASS |

ND = Not Detected

Test ID: #99894 | Date Tested: 03/18/2025 05:30 AM



Matthew Elmes
Lab Director
3/20/2025

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.