



**Route 27 Hopyard**  
27 Veith Ave, Moriches, NY, 11955  
Ryan@route27hempyard.com  
(516)761-2704  
License #: OCM-PROC-24-000066

# Certificate of Analysis

Final



Date Released: 6/11/2025 5:20:56PM

Report #: 63100

## 3.5G 7 PRE-ROLLS - ISLAND'S BREEZE

Sample #: 15594, Weight: 28.00g, Unit Count:

Order #: X250602-0002

Category/Type: Plant, Preroll

Date Collected: 6/2/2025 6:00:00PM

Date Received: 6/3/2025 9:44:59AM

Date Sampled: 6/2/2025 12:00:00PM

Regulator Sample ID: 1035 0011 1111 2454

Regulator Source Package ID: 1035 0011 1111 2454

Regulator Batch ID: 1035 0011 1111 2454

Size: 1200Units, Unit Count:



Total Cannabinoids  
29.84 %  
298.4 mg/g



Total THC  
26.22 %  
262.2 mg/g



Total CBD  
0.05127 %  
0.5127 mg/g



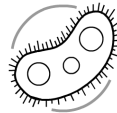
Total Terpenes  
0.272 %



Moisture  
9.7 %



Heavy Metals  
PASS



Microbials  
PASS



Pesticides  
PASS



Mycotoxins  
PASS



Water Activity  
PASS

### Cannabinoids Avg

Total Cannabinoids: **29.84 % - 298.4 mg/g**

Total THC: **26.22 % - 262.2 mg/g**

Total CBD: **0.05127 % - 0.5127 mg/g**

Date Completed: 06/04/2025 6:51PM

| Compound | CAS#       | LOQ (%)  | %       | mg/g   | Relative Concentration |
|----------|------------|----------|---------|--------|------------------------|
| THCa     | 23978-85-0 | 0.001000 | 26.41   | 264.1  | <div></div>            |
| d9-THC   | 1972-08-3  | 0.001000 | 3.059   | 30.59  | <div></div>            |
| CBGa     | 25555-57-1 | 0.001000 | 0.1175  | 1.175  | <div></div>            |
| CBN      | 521-35-7   | 0.001000 | 0.07664 | 0.7664 | <div></div>            |
| CBG      | 25654-31-3 | 0.001000 | 0.07473 | 0.7473 | <div></div>            |
| CBDa     | 1244-58-2  | 0.001000 | 0.05847 | 0.5847 | <div></div>            |
| CBDV     | 24274-48-4 | 0.001000 | 0.02799 | 0.2799 | <div></div>            |

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| Compound   | CAS#       | LOQ (%)  | %       | mg/g   | Relative Concentration |
|------------|------------|----------|---------|--------|------------------------|
| CBC        | 20675-51-8 | 0.001000 | 0.01491 | 0.1491 |                        |
| THCV       | 31262-37-0 | 0.001000 | ND      | ND     |                        |
| CBD        | 13956-29-1 | 0.001000 | ND      | ND     |                        |
| d8-THC     | 5957-75-5  | 0.001000 | ND      | ND     |                        |
| d10/R9-THC | 95543-62-7 | 0.001000 | ND      | ND     |                        |
| d10/S9-THC | 95588-87-7 | 0.001000 | ND      | ND     |                        |

**Test Comment:** Cannabinoids analyzed by HPLC using P-NY100. The reported result is based on a sample weight using moisture content for flower samples unless moisture is listed as zero or ND. Unless otherwise stated all QC passed.

## Terpenes by HS-GC-MS

Date Completed: 06/06/2025 12:52PM



| Compound                    | CAS#      | LOQ (%) | %      | Relative Concentration |
|-----------------------------|-----------|---------|--------|------------------------|
| Beta-caryophyllene          | 87-44-5   | 0.1000  | 0.2719 |                        |
| Results based on dry weight |           |         |        |                        |
| Beta-myrcene                | 123-35-3  | 0.1000  | ND     |                        |
| Limonene                    | 5989-27-5 | 0.1000  | ND     |                        |
| Alpha-pinene                | 80-56-8   | 0.1000  | ND     |                        |
| Alpha-humulene              | 6753-98-6 | 0.1000  | ND     |                        |
| Linalool                    | 78-70-6   | 0.1000  | ND     |                        |
| Beta-pinene                 | 127-91-3  | 0.1000  | ND     |                        |
| Terpinolene                 | 586-62-9  | 0.1000  | ND     |                        |

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| Compound            | CAS#       | LOQ (%) | %  | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| Ocimene             | 13877-91-3 | 0.1000  | ND |                        |
| Alpha-bisabolol     | 515-69-5   | 0.1000  | ND |                        |
| Caryophyllene-oxide | 1139-30-6  | 0.1000  | ND |                        |
| Geraniol            | 106-24-1   | 0.1000  | ND |                        |
| Camphene            | 79-92-5    | 0.1000  | ND |                        |
| Guaial              | 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.

## Moisture LWG

**Pass**

**Analysis Date:** 06/04/2025 9:21 pm

| Compound | LOQ (%) | Limits (%) | Result (%) | Status |
|----------|---------|------------|------------|--------|
| Moisture | 1.2     | 0 - 15     | 9.7        | Pass   |

**Comment:** Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

## Water Activity

**Pass**

**Analysis Date:** 06/04/2025 9:21 pm

| Compound       | LOQ (Aw) | Limits (Aw) | Result (Aw) | Status |
|----------------|----------|-------------|-------------|--------|
| Water Activity | 0.05     | 0.65        | 0.49        | Pass   |

**Comment:** Physical chemistry was tested using moisture analyzer, water activity meter using P-NY 160. Unless otherwise stated, all QC passed.

## Pesticides by LCMSMS

**Pass**

**Analysis Date:** 06/06/2025 12:59 pm

| Compound  | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------|------------|---------------|---------------|--------|
| Abamectin | 0.0100     | 0.500         | ND            | Pass   |

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## Pesticides by LCMSMS

**Pass**

Analysis Date: 06/06/2025 12:59 pm

| Compound             | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------------------|------------|---------------|---------------|--------|
| 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   |
| Chlorantraniliprole  | 0.0100     | 0.200         | ND            | Pass   |
| Chlordane-alpha      | 0.0100     | 1.00          | ND            | Pass   |
| Chlorfenapyr         | 0.0100     | 1.00          | ND            | Pass   |
| Chlormequat 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   |

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## Pesticides by LCMSMS

**Pass**

Analysis Date: 06/06/2025 12:59 pm

| Compound                | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-------------------------|------------|---------------|---------------|--------|
| Ethoprophos             | 0.0100     | 0.200         | ND            | Pass   |
| Etofenprox              | 0.0100     | 0.400         | ND            | Pass   |
| Etoazole                | 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   |
| Indolebutyric Acid      | 0.0100     | 1.00          | ND            | Pass   |
| Kresoxim-methyl         | 0.0100     | 0.400         | ND            | Pass   |
| Malathion               | 0.0100     | 0.200         | ND            | Pass   |
| Metalaxyl               | 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   |

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Final



**Sample #: 15594**

**3.5G 7 PRE-ROLLS - ISLAND'S BREEZE**

## Pesticides by LCMSMS

**Pass**

Analysis Date: 06/06/2025 12:59 pm

| Compound           | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|--------------------|------------|---------------|---------------|--------|
| 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   |
| 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.

## Mycotoxins by LCMSMS

**Pass**

Analysis Date: 06/06/2025 12:59 pm

| 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   |

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**3.5G 7 PRE-ROLLS - ISLAND'S BREEZE**

## Mycotoxins by LCMSMS

**Pass**

Analysis Date: 06/06/2025 12:59 pm

| Compound        | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|-----------------|------------|---------------|---------------|--------|
| 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: 06/06/2025 1:11 pm

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100     | 2.00          | ND            | Pass   |
| Arsenic  | 0.00100    | 0.200         | ND            | Pass   |
| Cadmium  | 0.00150    | 0.200         | 0.00570       | Pass   |
| Chromium | 0.280      | 110           | ND            | Pass   |
| Copper   | 0.0750     | 30.0          | 6.73          | Pass   |
| Lead     | 0.00250    | 0.500         | 0.0526        | Pass   |
| Mercury  | 0.000500   | 0.100         | 0.00310       | Pass   |
| Nickel   | 0.0100     | 5.00          | 0.0402        | Pass   |

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

## Micro by Petri & qPCR

**Pass**

Analysis Date: 06/06/2025 10:30 am

| Compound                                  | LOQ (CFU/g) | Limits (CFU/g) | Result (CFU/g) | Status |
|-------------------------------------------|-------------|----------------|----------------|--------|
| Aspergillus flavus Qualitative            | 1           | 0              | Not Detected   | Pass   |
| Aspergillus fumigatus Qualitative         | 1           | 0              | Not Detected   | Pass   |
| Aspergillus niger Qualitative             | 1           | 0              | Not Detected   | Pass   |
| Aspergillus terreus Qualitative           | 1           | 0              | Not Detected   | Pass   |
| Salmonella Qualitative                    | 1           | 0              | Not Detected   | Pass   |
| Shiga Toxin-Producing E. coli Qualitative | 1           | 0              | Not Detected   | Pass   |
| Total Aerobic Bacteria                    | 10          |                | 1000           | Pass   |
| Total Yeast & Mold                        | 10          |                | 6000           | Pass   |

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Comment: Microbial contamination tested by Petrifilm plates and qPCR using P-NY120. Unless otherwise stated, all QC passed.  
**Due to COA validation limitations:** "Not Detected" = "Absent" and "Detected" = "Presumptive Presence". Acceptance Limits: "0" = "Absence" and "1" = "Presence". "Passed" for an adult-use product implies the results contain less than 1,000,000 cfu/g.

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