



Date Released: 2/27/2025 5:06:32PM

Report #: 46271

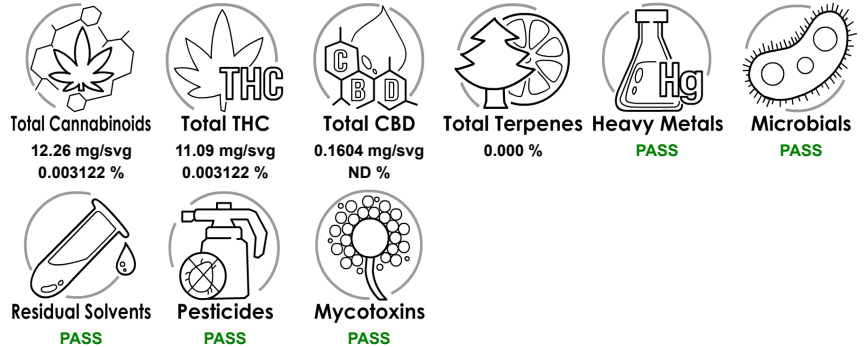
**Bosporous**

Sample #: 11156, Weight: 156.00g, Unit Count:  
Order #: X250212-0034

Category/Type: Ingestible, Edibles  
Date Collected: 2/11/2025 6:00:00PM  
Date Received: 2/13/2025 9:30:21AM  
Date Sampled: 2/11/2025 1:55:00PM

Regulator Sample ID: BEV-KL-BOS2  
Regulator Source Package ID: BEV-KL-BOS2  
Regulator Batch ID: BEV-KL-BOS2

Size: 4300Units, Unit Count:



**Potency Analysis by HPLC**

Total Cannabinoids: **12.26 mg/svg - 0.003122 %**  
Total THC: **11.09 mg/svg - 0.003122 %**  
Total CBD: **0.1604 mg/svg - ND %**

Date Completed: 02/13/2025 10:16AM

| Compound | CAS#       | LOQ<br>(mg/svg ) | mg/svg  | %        | Relative Concentration |
|----------|------------|------------------|---------|----------|------------------------|
| d9-THC   | 1972-08-3  | 0.01000          | 11.08   | 0.003122 | <div></div>            |
| CBG      | 25654-31-3 | 0.01000          | 0.4594  | ND       | <div></div>            |
| CBN      | 521-35-7   | 0.01000          | 0.2335  | ND       | <div></div>            |
| CBC      | 20675-51-8 | 0.01000          | 0.1948  | ND       | <div></div>            |
| THCV     | 31262-37-0 | 0.01000          | 0.1124  | ND       | <div></div>            |
| CBDa     | 1244-58-2  | 0.01000          | 0.09506 | ND       | <div></div>            |

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1809 Vestal Pkwy E

Vestal, NY 13850  
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www.KeystoneStateTesting.com  
Permit #: OCM-CPL-00007

*Kelly Greenland*

Dr. Kelly Greenland, Lab Director





Sample #: 11156

Bosporous

| Compound   | CAS#       | LOQ<br>(mg/svg ) | mg/svg  | %  | Relative Concentration |
|------------|------------|------------------|---------|----|------------------------|
| CBD        | 13956-29-1 | 0.01000          | 0.07699 | ND | █                      |
| d10/S9-THC |            | 0.01000          | 0.01084 | ND |                        |
| THCa       | 23978-85-0 | 0.01000          | ND      | ND |                        |
| d8-THC     | 5957-75-5  | 0.01000          | ND      | ND |                        |
| d10/R9-THC |            | 0.01000          | ND      | ND |                        |
| CBDV       | 24274-48-4 | 0.01000          | ND      | ND |                        |
| CBGa       | 25555-57-1 | 0.01000          | 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: 02/18/2025 10:52AM

| Compound           | CAS#      | LOQ<br>(%) | %  | Relative Concentration |
|--------------------|-----------|------------|----|------------------------|
| Beta-myrcene       | 123-35-3  | 0.1000     | ND |                        |
| Beta-caryophyllene | 87-44-5   | 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 |                        |

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**Sample #: 11156**

**Bosphorous**

| Compound            | CAS#       | LOQ (%) | %  | Relative Concentration |
|---------------------|------------|---------|----|------------------------|
| Terpinolene         | 586-62-9   | 0.1000  | ND |                        |
| 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.

**Pesticides by LCMSMS**

**Pass**

**Analysis Date:** 02/17/2025 4:20 pm

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

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Dr. Kelly Greenland, Lab Director





**Sample #: 11156**

**Bosporous**

**Pesticides by LCMSMS**

**Pass**

**Analysis Date: 02/17/2025 4:20 pm**

| Compound             | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------------------|------------|---------------|---------------|--------|
| 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   |
| Ethoprophos          | 0.0100     | 0.200         | ND            | Pass   |
| Etofenprox           | 0.0100     | 0.400         | ND            | Pass   |
| Etoxazole            | 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   |

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Dr. Kelly Greenland, Lab Director





**Sample #: 11156**

**Bosphorous**

**Pesticides by LCMSMS**

**Pass**

**Analysis Date:** 02/17/2025 4:20 pm

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

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**Sample #: 11156**

**Bosphorous**

**Pesticides by LCMSMS**

**Pass**

Analysis Date: 02/17/2025 4:20 pm

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

**Residual Solvents by HS-GC-MS**

**Pass**

Analysis Date: 02/19/2025 3:05 pm

| Compound                  | LOQ (ppm) | Limits (ppm) | Result (ppm) | Status |
|---------------------------|-----------|--------------|--------------|--------|
| 1,2-Dichloroethane        | 0.0500    | 5.00         | ND           | Pass   |
| Acetone                   | 50.00     | 5000         | ND           | Pass   |
| Acetonitrile              | 50.00     | 410          | ND           | Pass   |
| Benzene                   | 0.5000    | 2.00         | ND           | Pass   |
| Butanes Total             | 25.00     | 5000         | ND           | Pass   |
| Chloroform                | 0.5000    | 60.0         | ND           | Pass   |
| Dimethyl Sulfoxide (DMSO) | 50.00     | 5000         | ND           | Pass   |
| Ethanol                   | 50.00     | 5000         | ND           | Pass   |
| Ethyl acetate             | 50.00     | 5000         | ND           | Pass   |
| Ethyl ether               | 50.00     | 5000         | ND           | Pass   |
| Freon                     | 50.00     | 1000         | ND           | Pass   |
| Heptane                   | 50.00     | 5000         | ND           | Pass   |
| Hexanes Total             | 10.00     | 290          | ND           | Pass   |
| Isopropanol               | 50.00     | 5000         | ND           | Pass   |

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**Sample #: 11156**

**Bosporous**

**Residual Solvents by HS-GC-MS**

**Pass**

**Analysis Date:** 02/19/2025 3:05 pm

| Compound                 | LOQ (ppm) | Limits (ppm) | Result (ppm) | Status |
|--------------------------|-----------|--------------|--------------|--------|
| Methanol                 | 50.00     | 3000         | ND           | Pass   |
| Methylene chloride       | 50.00     | 600          | ND           | Pass   |
| Pentanes Total           | 16.70     | 5000         | ND           | Pass   |
| Propane                  | 50.00     | 5000         | ND           | Pass   |
| Toluene                  | 50.00     | 890          | ND           | Pass   |
| Total xylenes            | 25.00     | 2170         | ND           | Pass   |
| Trichloroethane (1,1,1-) | 50.00     | 1500         | ND           | Pass   |

Comment: Residual Solvents tested by GCMS using P-NY170. Unless otherwise stated, all QC passed. "TIC" stands for Tentatively Identified Compound but not quantitated.

**Mycotoxins by LCMSMS**

**Pass**

**Analysis Date:** 02/17/2025 4:10 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   |
| 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:** 02/18/2025 10:44 am

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Antimony | 0.0100     | 120           | ND            | Pass   |
| Arsenic  | 0.00100    | 1.50          | 0.0280        | Pass   |
| Cadmium  | 0.00150    | 0.500         | ND            | Pass   |
| Chromium | 0.280      | 1100          | ND            | Pass   |
| Copper   | 0.0750     | 300           | ND            | Pass   |

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Dr. Kelly Greenland, Lab Director





Sample #: 11156

Bosporous

Heavy Metals by ICPMS

Pass

Analysis Date: 02/18/2025 10:44 am

| Compound | LOQ (µg/g) | Limits (µg/g) | Result (µg/g) | Status |
|----------|------------|---------------|---------------|--------|
| Lead     | 0.00250    | 0.500         | ND            | Pass   |
| Mercury  | 0.000500   | 3.00          | ND            | Pass   |
| Nickel   | 0.0100     | 20.0          | ND            | Pass   |

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

Micro by Petri & qPCR

Pass

Analysis Date: 02/17/2025 6:37 pm

| 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          | 10000          | <LOQ           | Pass   |
| Total Yeast & Mold                        | 10          | 1000           | <LOQ           | Pass   |

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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