

**Sunmed**

Client Lic#:  
600 8th Ave W, STE 500 Palmetto, FL  
34221

Sunmed

Compliance for Retail: **PASS****Sunmed Lion Mane Elixir Seltzer**

Total Sample Received: 355ml

Total Units Received: 1

Unit Weight: 355g

Date Sampled: 06/19/2025

Date Received: 06/19/2025

Date Reported: 06/24/2025

Sample ID: T5F0480-01 CCB ID:0625LMS

Matrix: Edibles

**Safety Summary****Foreign  
Materials****PASS****Heavy Metals****PASS****Microbials****PASS****Moisture  
Content**  
**NOT TESTED****Mycotoxins****PASS****Pesticides****PASS****Residual  
Solvents****PASS****Terpenes****TESTED****Water  
Activity**  
**NOT TESTED****Vitamins  
Supplements**  
**NOT TESTED****Potency Summary****Cannabinoids**

Date Prepared: 06/20/2025 09:29

Prep ID: 4599

Specimen Wt: 1.000

Date Analyzed: 06/20/2025 11:27

Analyst ID: 5047

Instrument: HPLC VWD

Lab Batch: 2525128

Prep/Analysis Method: SOP 1357

| Analyte                                 | Dilution | Results | mg/Serving | mg/Unit |
|-----------------------------------------|----------|---------|------------|---------|
|                                         |          | %       | mg         | mg      |
| Cannabichromene (CBC)                   | 1        | ND      | N/A        | ND      |
| Cannabidiol (CBD)                       | 1        | ND      | N/A        | ND      |
| Cannabidiolic acid (CBDA)               | 1        | ND      | N/A        | ND      |
| Cannabidivarin (CBDV)                   | 1        | ND      | N/A        | ND      |
| Cannabigerol (CBG)                      | 1        | ND      | N/A        | ND      |
| Cannabigerolic acid (CBGA)              | 1        | ND      | N/A        | ND      |
| Cannabinol (CBN)                        | 1        | ND      | N/A        | ND      |
| d8 - Tetrahydrocannabinoid (d8-THC)     | 1        | ND      | N/A        | ND      |
| d9 - Tetrahydrocannabinoid (d9-THC)     | 1        | ND      | N/A        | ND      |
| d9 - Tetrahydrocannabinolic acid (THCA) | 1        | ND      | N/A        | ND      |
| Tetrahydrocannabivarin (THCV)           | 1        | ND      | N/A        | ND      |
| Total THC                               |          | 0.0000  | 0.000      | 0.000   |
| Total CBD                               |          | 0.0000  | 0.000      | 0.000   |
| Total Cannabinoids                      |          | 0.000   | 0.000      | 0.000   |

Total THC= THCa \* 0.877 + d8-THC. Total CBD= CBDa \* 0.877 + CBD.

mg/Unit = Unit Weight g \* Total THC/CBD mg/g

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Serving Size: g

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## Pesticides

**Pass**

| Prep Method: SOP 1363 | Batch   | Instrument | Analized            | Analyst | Prepped             | Prepped By | Specimen Wt. (g) | Analysis SOP |
|-----------------------|---------|------------|---------------------|---------|---------------------|------------|------------------|--------------|
| Pesticide LCQQQ       | 2525124 | LCMSMS     | 6/20/2025 6:50:57PM | 2670    | 6/20/2025 8:09:00AM | 4599       | 10.20            | SOP1350      |
| * Pesticides GCQQQ    | 2525125 | GCMSMS     | 6/20/2025 2:31:37PM | 2670    | 6/20/2025 8:15:00AM | 4599       | 10.20            | SOP1356      |

  

| Analyte               | DIL | Action Limit | LOD  | Results | Status | Analyte            | DIL | Action Limi | LOD  | Results | Status |
|-----------------------|-----|--------------|------|---------|--------|--------------------|-----|-------------|------|---------|--------|
|                       |     | ppb          | ppb  | ppb     |        |                    |     | ppb         | ppb  | ppb     |        |
| Abamectin             | 1   | 300          | 30.0 | ND      | Pass   | Imazalil           | 1   | 100         | 10.0 | ND      | Pass   |
| Acephate              | 1   | 3000         | 300  | ND      | Pass   | Imidacloprid       | 1   | 3000        | 300  | ND      | Pass   |
| Acequinocyl           | 1   | 2000         | 200  | ND      | Pass   | Kresoxim-methyl    | 1   | 1000        | 100  | ND      | Pass   |
| Acetamiprid           | 1   | 3000         | 300  | ND      | Pass   | Malathion          | 1   | 2000        | 200  | ND      | Pass   |
| Aldicarb              | 1   | 100          | 10.0 | ND      | Pass   | Metalaxyl          | 1   | 3000        | 300  | ND      | Pass   |
| Azoxystrobin          | 1   | 3000         | 300  | ND      | Pass   | Methiocarb         | 1   | 100         | 10.0 | ND      | Pass   |
| Bifenazate            | 1   | 3000         | 300  | ND      | Pass   | Methomyl           | 1   | 100         | 10.0 | ND      | Pass   |
| Bifenthrin            | 1   | 500          | 50.0 | ND      | Pass   | Mevinphos          | 1   | 100         | 10.0 | ND      | Pass   |
| Boscalid              | 1   | 3000         | 300  | ND      | Pass   | Myclobutanil       | 1   | 3000        | 300  | ND      | Pass   |
| Carbaryl              | 1   | 500          | 50.0 | ND      | Pass   | Naled              | 1   | 500         | 50.0 | ND      | Pass   |
| Carbofuran            | 1   | 100          | 10.0 | ND      | Pass   | Oxamyl             | 1   | 500         | 50.0 | ND      | Pass   |
| Chlorantraniliprole   | 1   | 3000         | 300  | ND      | Pass   | Paclobutrazol      | 1   | 100         | 10.0 | ND      | Pass   |
| Chloromequat Chloride | 1   | 3000         | 300  | ND      | Pass   | Permethrin         | 1   | 1000        | 100  | ND      | Pass   |
| Chlorpyrifos          | 1   | 100          | 10.0 | ND      | Pass   | Phosmet            | 1   | 200         | 20.0 | ND      | Pass   |
| Clofentezine          | 1   | 500          | 50.0 | ND      | Pass   | Piperonyl butoxide | 1   | 3000        | 300  | ND      | Pass   |
| Coumaphos             | 1   | 100          | 10.0 | ND      | Pass   | Prallethrin        | 1   | 400         | 40.0 | ND      | Pass   |
| Cyfluthrin            | 1   | 1000         | 100  | ND      | Pass   | Propiconazole      | 1   | 1000        | 100  | ND      | Pass   |
| Cypermethrin          | 1   | 1000         | 100  | ND      | Pass   | Propoxur           | 1   | 100         | 10.0 | ND      | Pass   |
| Daminozide            | 1   | 100          | 10.0 | ND      | Pass   | Pyrethrins         | 1   | 1000        | 100  | ND      | Pass   |
| Diazinon              | 1   | 200          | 20.0 | ND      | Pass   | Pyridaben          | 1   | 3000        | 300  | ND      | Pass   |
| Dichlorvos            | 1   | 100          | 10.0 | ND      | Pass   | Spinetoram, total  | 1   | 3000        | 300  | ND      | Pass   |
| Dimethoate            | 1   | 100          | 10.0 | ND      | Pass   | Spinosad, total    | 1   | 3000        | 300  | ND      | Pass   |
| Dimethomorph          | 1   | 3000         | 300  | ND      | Pass   | Spiromesifen       | 1   | 3000        | 300  | ND      | Pass   |
| Ethoprophos           | 1   | 100          | 10.0 | ND      | Pass   | Spirotetramat      | 1   | 3000        | 300  | ND      | Pass   |
| Etofenprox            | 1   | 100          | 10.0 | ND      | Pass   | Spiroxamine        | 1   | 100         | 10.0 | ND      | Pass   |
| Etoxazole             | 1   | 1500         | 150  | ND      | Pass   | Tebuconazole       | 1   | 1000        | 100  | ND      | Pass   |
| Fenhexamid            | 1   | 3000         | 300  | ND      | Pass   | Thiacloprid        | 1   | 100         | 10.0 | ND      | Pass   |
| Fenoxycarb            | 1   | 100          | 10.0 | ND      | Pass   | Thiamethoxam       | 1   | 1000        | 100  | ND      | Pass   |
| Fenpyroximate         | 1   | 2000         | 200  | ND      | Pass   | Trifloxystrobin    | 1   | 3000        | 300  | ND      | Pass   |
| Fipronil              | 1   | 100          | 10.0 | ND      | Pass   | Captan*            | 1   | 3000        | 300  | ND      | Pass   |
| Flonicamid            | 1   | 2000         | 200  | ND      | Pass   | Chlordane*         | 1   | 100         | 10.0 | ND      | Pass   |
| Fludioxonil           | 1   | 3000         | 300  | ND      | Pass   | Chlorfenapyr*      | 1   | 100         | 10.0 | ND      | Pass   |
| Hexythiazox           | 1   | 2000         | 200  | ND      | Pass   | Methyl parathion*  | 1   | 100         | 10.0 | ND      | Pass   |

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\* - GCMSMS Pesticides

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Brian C. Spann  
Laboratory Director

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Matrix: Edibles

Mycotoxins

Date Prepared: 06/20/2025 08:09  
Date Analyzed: 06/20/2025 18:50  
Prepped By: 4599  
Analyzed By: 2670  
Specimen Wt: 10.20 g  
Instrument: LCMSMS  
Lab Batch: 2525124  
Prep Method: SOP 1363 Analysis Method: SOP 1350

Pass

| Analyte      | DIL | Action Limit | LOD | Results | Status |
|--------------|-----|--------------|-----|---------|--------|
|              |     | ppb          | ppb | ppb     |        |
| Aflatoxin B1 | 1   | 20.0         | 2   | ND      | Pass   |
| Aflatoxin B2 | 1   | 20.0         | 2   | ND      | Pass   |
| Aflatoxin G1 | 1   | 20.0         | 2   | ND      | Pass   |
| Aflatoxin G2 | 1   | 20.0         | 2   | ND      | Pass   |
| Ochratoxin A | 1   | 20.0         | 2   | ND      | Pass   |

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Microbials

Date Prepared: 06/19/2025 15:31  
Date Analyzed: 06/20/2025 16:40  
Prep ID: 10198  
Analyst ID: 1093  
Specimen Wt: 1.00 g  
Instrument: qPCR  
Lab Batch: 2525089  
Analysis Method: SOP1353/1364/1352

Pass

| Analyte               | Action Limit | LOD   | Results          | Status |
|-----------------------|--------------|-------|------------------|--------|
|                       | cfu/g        | cfu/g | cfu/g            |        |
| Staphylococcus Aureus | 1            | 1     | Absent in 1 gram | Pass   |
| Salmonella            | 1            | 1     | Absent in 1 gram | Pass   |
| Enterobacteriaceae    | 1            | 1     | Absent in 1 gram | Pass   |
| E.coli                | 1            | 1     | Absent in 1 gram | Pass   |
| Total Yeast and Mold  | 100000       | 10000 | ND               | Pass   |
| Standard Plate Count  | 100000       | 10000 | <LOD             | Pass   |

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Heavy Metals

Date Prepared: 06/20/2025 12:22  
Date Analyzed: 06/20/2025 20:31  
Prepped By: 1094  
Analyzed By: 1094  
Specimen Wt: 0.56 g  
Instrument: ICPMS  
Lab Batch: 2525143  
Prep Method: SOP 1362 Analysis Method: SOP1358

Pass

| Analyte | DIL | Action Limit | LOD  | Results | Status |
|---------|-----|--------------|------|---------|--------|
|         |     | ppb          | ppb  | ppb     |        |
| Arsenic | 1   | 1500         | 150  | ND      | Pass   |
| Cadmium | 1   | 500          | 50.0 | ND      | Pass   |
| Lead    | 1   | 500          | 50.0 | ND      | Pass   |
| Mercury | 1   | 3000         | 300  | ND      | Pass   |
| Total   |     |              |      | 0.00    |        |

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Foreign Materials

Date Prepared: 06/19/2025 15:21  
Date Analyzed: 06/19/2025 16:06  
Prep ID: 3780  
Analyst ID: 3780  
Instrument: Visual Inspection  
Lab Batch: 2525104  
Analysis Method: SOP1359

Pass

| Analyte          | Action Limit (% by wt) | Results | Status |
|------------------|------------------------|---------|--------|
| Foreign Material | 1.00                   | ND      | Pass   |
| Feces            | 0.500                  | ND      | Pass   |

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Matrix: Edibles

Residual Solvents

Pass Terpenes Summary

Date Prepared: 06/19/2025 15:00  
Date Analyzed: 06/19/2025 16:34  
Lab Batch: 2525101  
Prep ID: 2447  
Analyst ID: 2447  
Specimen Wt: 0.05 g  
Instrument: GCMSMS Headspace  
Analysis Method: SOP1361

Date Prepared: 06/20/2025 09:10  
Date Analyzed: 06/20/2025 16:53  
Lab Batch: 2525126  
Prep ID: 4599  
Analyst ID: 2447  
Specimen Wt: 10.01 g  
Instrument: GCMS  
Prep/Analysis Method: SOP1360

| Analyte            | DIL | Action Limit | LOD   | Results | Status |
|--------------------|-----|--------------|-------|---------|--------|
|                    |     | ppm          | ppm   | ppm     |        |
| 1,1-Dichloroethene | 1   | 8.00         | 0.800 | ND      | Pass   |
| 1,2-Dichloroethane | 1   | 2.00         | 0.200 | ND      | Pass   |
| Acetone            | 1   | 750          | 75.0  | ND      | Pass   |
| Acetonitrile       | 1   | 60.0         | 6.00  | ND      | Pass   |
| Benzene            | 1   | 1.00         | 0.100 | ND      | Pass   |
| Butane             | 1   | 5000         | 500   | ND      | Pass   |
| Chloroform         | 1   | 2.00         | 0.200 | ND      | Pass   |
| Ethanol            | 1   | 5000         | 500   | 915     | Pass   |
| Ethyl acetate      | 1   | 400          | 40.0  | ND      | Pass   |
| Ethyl ether        | 1   | 500          | 50.0  | ND      | Pass   |
| Ethylene oxide     | 1   | 5.00         | 0.500 | ND      | Pass   |
| Heptane            | 1   | 5000         | 500   | ND      | Pass   |
| Hexane             | 1   | 250          | 25.0  | ND      | Pass   |
| Isopropyl alcohol  | 1   | 500          | 50.0  | ND      | Pass   |
| Methanol           | 1   | 250          | 25.0  | ND      | Pass   |
| Methylene chloride | 1   | 125          | 12.5  | ND      | Pass   |
| Pentane            | 1   | 750          | 75.0  | ND      | Pass   |
| Propane            | 1   | 5000         | 500   | ND      | Pass   |
| Toluene            | 1   | 150          | 15.0  | ND      | Pass   |
| Xylenes, total     | 1   | 150          | 15.0  | ND      | Pass   |
| Trichloroethylene  | 1   | 25.0         | 2.50  | ND      | Pass   |

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| Analyte                     | Dilution | LOD    | Results |
|-----------------------------|----------|--------|---------|
|                             |          | %      | %       |
| 3-Carene (+)-               | 1        | 0.0125 | ND      |
| alpha Bisabolol, L          | 1        | 0.0125 | ND      |
| alpha-Cedrene               | 1        | 0.0125 | ND      |
| alpha-Fenchyl alcohol, (+)- | 1        | 0.0125 | ND      |
| alpha-Humulene              | 1        | 0.0125 | ND      |
| alpha-Phellandrene          | 1        | 0.0125 | ND      |
| alpha-Pinene                | 1        | 0.0125 | ND      |
| alpha-Terpinene             | 1        | 0.0125 | ND      |
| alpha-Terpineol             | 1        | 0.0125 | ND      |
| beta-Myrcene                | 1        | 0.0125 | ND      |
| beta-OCimene                | 1        | 0.0125 | ND      |
| beta-Pinene                 | 1        | 0.0125 | ND      |
| Borneol                     | 1        | 0.0125 | ND      |
| Camphene                    | 1        | 0.0125 | ND      |
| Camphor                     | 1        | 0.0125 | ND      |
| Caryophyllene Oxide         | 1        | 0.0125 | ND      |
| Cedrol                      | 1        | 0.0125 | ND      |
| D-Limonene                  | 1        | 0.0125 | ND      |
| E-Caryophyllene             | 1        | 0.0125 | ND      |
| E-Nerolidol                 | 1        | 0.0125 | ND      |
| Eucalyptol                  | 1        | 0.0125 | ND      |
| Farnesene                   | 1        | 0.0125 | ND      |
| Fenchone                    | 1        | 0.0125 | ND      |
| gamma-Terpinene             | 1        | 0.0125 | ND      |
| Geraniol                    | 1        | 0.0125 | ND      |
| Geranyl Acetate             | 1        | 0.0125 | ND      |
| Guaial                      | 1        | 0.0125 | ND      |
| Isoborneol                  | 1        | 0.0125 | ND      |
| Isopulegol                  | 1        | 0.0125 | ND      |
| Linalool                    | 1        | 0.0125 | ND      |
| Menthol                     | 1        | 0.0125 | ND      |
| Nerol                       | 1        | 0.0125 | ND      |
| p-Cymene                    | 1        | 0.0125 | ND      |
| Pulegone                    | 1        | 0.0125 | ND      |
| Sabinene                    | 1        | 0.0125 | ND      |
| Sabinene hydrate            | 1        | 0.0125 | ND      |
| Terpinolene                 | 1        | 0.0125 | ND      |
| Valencene                   | 1        | 0.0125 | ND      |
| Z-Nerolidol                 | 1        | 0.0125 | ND      |

Total Terpenes 0.000 0.00 mg/Unit

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