

**Global Widget**

Client Lic#: 8419 Sunstate St. Tampa, FL 33634

Eugene Choi - Global Widget Tampa



Compliance for Retail: **PASS**

Mystic Labs Kratom Gummies Blood Orange PKG P250324

Total Sample Received: 150g  
Total Units Received: 1  
Unit Weight: 150g

Date Sampled: 06/05/2025  
Date Received: 06/05/2025  
Date Reported: 06/11/2025

Sample ID: T5F0159-01 CCB ID:MFG 250209  
Matrix: Edibles

|   |   |                                      |  |  |
|---|---|--------------------------------------|--|--|
| <b>Foreign Materials</b><br><b>PASS</b> | <b>Heavy Metals</b><br><b>PASS</b>      | <b>Microbials</b><br><b>PASS</b>     | <b>Moisture Content</b><br><b>NOT TESTED</b> | <b>Mycotoxins</b><br><b>PASS</b>                 |
| <b>Pesticides</b><br><b>PASS</b>        | <b>Residual Solvents</b><br><b>PASS</b> | <b>Terpenes</b><br><b>NOT TESTED</b> | <b>Water Activity</b><br><b>PASS</b>         | <b>Vitamins Supplements</b><br><b>NOT TESTED</b> |

**Alkaloids (Kratom Potency)**

| Prep Method: SOP 1363 | Batch   | Instrument | Analyzed            | Analyst | Extracted          | ExtractedBy | Specimen Wt. (g) | Analysis SOP |
|-----------------------|---------|------------|---------------------|---------|--------------------|-------------|------------------|--------------|
| Alkaloid (HPLC)       | 2524007 | HPLC       | 6/9/2025 12:19:28PM | 5047    | 6/9/2025 9:20:00AM | 4599        | 4.95             | SOP1350      |

| Analyte                  | Dilution | LOD    | Results |              | mg/Piece | mg/Unit  |
|--------------------------|----------|--------|---------|--------------|----------|--|
|                          |          |        | %       | %            | mg       | mg   |
| Speciociliatine          | 10       | 0.0101 | ND      | ND           | ND       | ND   |
| Mitragynine              | 100      | 0.101  | 0.666   | 33.3         | 999      | <div style="width: 100%; height: 10px; background-color: green;"></div>    |
| Speciogynine             | 10       | 0.0101 | 0.0599  | 3.00         | 90.0     |  |
| Paynantheine             | 10       | 0.0101 | 0.0764  | 3.80         | 114      | <div style="width: 10%; height: 10px; background-color: lightblue;"></div> |
| Mitraphylline            | 10       | 0.0101 | ND      | ND           | ND       | ND   |
| Andrographolide          | 10       | 0.0101 | ND      | ND           | ND       | ND   |
| 7-Hydroxymitragynine     | 10       | 0.0101 | ND      | ND           | ND       | ND   |
| Arecoline (Hydrobromide) | 10       | 0.0101 | ND      | ND           | ND       | ND   |
| <b>Total Alkaloids</b>   |          |        |         | <b>0.802</b> |          |  |

Alkaloid results are provided for informational purposes only.  
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TL Laboratories

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Brian C. Spann  
Laboratory Director



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**Pesticides**

**Pass**

| Prep Method: SOP 1363 | Batch   | Instrument   | Analyzed           | Analyst | Prepped            | Prepped By         | Specimen Wt. (g) | Analysis SOP |      |         |        |
|-----------------------|---------|--------------|--------------------|---------|--------------------|--------------------|------------------|--------------|------|---------|--------|
| Pesticide LCQQQ       | 2523133 | LCMSMS       | 6/7/2025 4:36:58PM | 2670    | 6/7/2025 6:01:00AM | 4599               | 4.70             | SOP1350      |      |         |        |
| Analyte               | DIL     | Action Limit | LOD                | Results | Status             | Analyte            | DIL              | Action Limit | LOD  | Results | Status |
|                       |         | ppb          | ppb                | ppb     |                    |                    |                  | ppb          | ppb  | ppb     |        |
| Abamectin             | 50      | 300          | 30.0               | ND      | Pass               | Imazalil           | 200              | 100          | 10.0 | 87.1    | Pass   |
| Acephate              | 50      | 3000         | 300                | ND      | Pass               | Imidacloprid       | 50               | 3000         | 300  | ND      | Pass   |
| Acequinocyl           | 50      | 2000         | 200                | ND      | Pass               | Kresoxim-methyl    | 50               | 1000         | 100  | ND      | Pass   |
| Acetamiprid           | 50      | 3000         | 300                | ND      | Pass               | Malathion          | 50               | 2000         | 200  | ND      | Pass   |
| Aldicarb              | 50      | 100          | 10.0               | ND      | Pass               | Metalaxyl          | 50               | 3000         | 300  | ND      | Pass   |
| Azoxystrobin          | 50      | 3000         | 300                | ND      | Pass               | Methiocarb         | 50               | 100          | 10.0 | ND      | Pass   |
| Bifenazate            | 50      | 3000         | 300                | ND      | Pass               | Methomyl           | 50               | 100          | 10.0 | ND      | Pass   |
| Bifenthrin            | 50      | 500          | 50.0               | ND      | Pass               | Mevinphos          | 50               | 100          | 10.0 | ND      | Pass   |
| Boscalid              | 50      | 3000         | 300                | ND      | Pass               | Myclobutanil       | 50               | 3000         | 300  | ND      | Pass   |
| Carbaryl              | 50      | 500          | 50.0               | ND      | Pass               | Naled              | 50               | 500          | 50.0 | ND      | Pass   |
| Carbofuran            | 50      | 100          | 10.0               | ND      | Pass               | Oxamyl             | 50               | 500          | 50.0 | ND      | Pass   |
| Chlorantraniliprole   | 50      | 3000         | 300                | ND      | Pass               | Paclobutrazol      | 50               | 100          | 10.0 | ND      | Pass   |
| Chloromequat Chloride | 50      | 3000         | 300                | ND      | Pass               | Permethrin         | 50               | 1000         | 100  | ND      | Pass   |
| Chlorpyrifos          | 50      | 100          | 10.0               | ND      | Pass               | Phosmet            | 50               | 200          | 20.0 | ND      | Pass   |
| Clofentezine          | 50      | 500          | 50.0               | ND      | Pass               | Piperonyl butoxide | 50               | 3000         | 300  | ND      | Pass   |
| Coumaphos             | 50      | 100          | 10.0               | ND      | Pass               | Prallethrin        | 50               | 400          | 40.0 | ND      | Pass   |
| Cyfluthrin            | 50      | 1000         | 100                | ND      | Pass               | Propiconazole      | 50               | 1000         | 100  | ND      | Pass   |
| Cypermethrin          | 50      | 1000         | 100                | ND      | Pass               | Propoxur           | 50               | 100          | 10.0 | ND      | Pass   |
| Daminozide            | 50      | 100          | 10.0               | ND      | Pass               | Pyrethrins         | 50               | 1000         | 100  | ND      | Pass   |
| Diazinon              | 50      | 200          | 20.0               | ND      | Pass               | Pyridaben          | 50               | 3000         | 300  | ND      | Pass   |
| Dichlorvos            | 50      | 100          | 10.0               | ND      | Pass               | Spinetoram, total  | 50               | 3000         | 300  | ND      | Pass   |
| Dimethoate            | 50      | 100          | 10.0               | ND      | Pass               | Spinosad, total    | 50               | 3000         | 300  | ND      | Pass   |
| Dimethomorph          | 50      | 3000         | 300                | ND      | Pass               | Spiromesifen       | 50               | 3000         | 300  | ND      | Pass   |
| Ethoprophos           | 50      | 100          | 10.0               | ND      | Pass               | Spirotetramat      | 50               | 3000         | 300  | ND      | Pass   |
| Etofenprox            | 50      | 100          | 10.0               | ND      | Pass               | Spiroxamine        | 50               | 100          | 10.0 | ND      | Pass   |
| Etoxazole             | 50      | 1500         | 150                | ND      | Pass               | Tebuconazole       | 50               | 1000         | 100  | ND      | Pass   |
| Fenhexamid            | 50      | 3000         | 300                | ND      | Pass               | Thiacloprid        | 50               | 100          | 10.0 | ND      | Pass   |
| Fenoxycarb            | 50      | 100          | 10.0               | ND      | Pass               | Thiamethoxam       | 50               | 1000         | 100  | ND      | Pass   |
| Fenpyroximate         | 50      | 2000         | 200                | ND      | Pass               | Trifloxystrobin    | 50               | 3000         | 300  | ND      | Pass   |
| Fipronil              | 50      | 100          | 10.0               | ND      | Pass               |                    |                  |              |      |         |        |
| Fonicamid             | 50      | 2000         | 200                | ND      | Pass               |                    |                  |              |      |         |        |
| Fludioxonil           | 50      | 3000         | 300                | ND      | Pass               |                    |                  |              |      |         |        |
| Hexythiazox           | 50      | 2000         | 200                | ND      | Pass               |                    |                  |              |      |         |        |

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\* - GCMSMS Pesticides

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Matrix: Edibles

**Mycotoxins**

**Pass**

Date Prepared: 06/07/2025 06:01 Prepped By: 4599 Specimen Wt: 4.70 g  
Date Analyzed: 06/07/2025 16:36 Analyzed By: 2670 Instrument: LCMSMS  
Lab Batch: 2523133 Prep Method: SOP 1363 Analysis Method: SOP 1350

| Analyte      | DIL | Action Limit | LOD | Results | Status |
|--------------|-----|--------------|-----|---------|--------|
|              |     | ppb          | ppb | ppb     |        |
| Aflatoxin B1 | 50  | 20.0         | 2   | ND      | Pass   |
| Aflatoxin B2 | 50  | 20.0         | 2   | ND      | Pass   |
| Aflatoxin G1 | 50  | 20.0         | 2   | ND      | Pass   |
| Aflatoxin G2 | 50  | 20.0         | 2   | ND      | Pass   |
| Ochratoxin A | 50  | 20.0         | 2   | ND      | Pass   |

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**Microbials**

**Pass**

Date Prepared: 06/09/2025 11:59 Prep ID: 1093 Specimen Wt: 1.00 g  
Date Analyzed: 06/10/2025 18:11 Analyst ID: 1093 Instrument: qPCR  
Lab Batch: 2524018 Analysis Method: SOP1353/1364/1352

| Analyte                              | Action Limit | LOD   | Results          | Status |
|--------------------------------------|--------------|-------|------------------|--------|
|                                      | cfu/g        | cfu/g | cfu/g            |        |
| Aspergillus Flavus                   | 1            | 1     | Absent in 1 gram | Pass   |
| Bile Tolerant Gram Negative bacteria | 1000         | 1     | ND               | Pass   |
| Aspergillus Fumigatus                | 1            | 1     | Absent in 1 gram | Pass   |
| Aspergillus Niger                    | 1            | 1     | Absent in 1 gram | Pass   |
| Staphylococcus Aureus                | 1            | 1     | Absent in 1 gram | Pass   |
| Aspergillus Terreus                  | 1            | 1     | Absent in 1 gram | Pass   |
| Salmonella                           | 1            | 1     | Absent in 1 gram | Pass   |
| Shiga Toxin producing E. Coli        | 1            | 1     | Absent in 1 gram | Pass   |
| Pseudomonas Aeruginosa               | 1            | 1     | Absent in 1 gram | Pass   |
| Total Yeast and Mold                 | 100000       | 10000 | ND               | Pass   |
| Standard Plate Count                 | 100000       | 10000 | ND               | Pass   |

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**Heavy Metals**

**Pass**

Date Prepared: 06/10/2025 10:02 Prepped By: 1094 Specimen Wt: 0.58 g  
Date Analyzed: 06/10/2025 12:31 Analyzed By: 1094 Instrument: ICPMS  
Lab Batch: 2523149 Prep Method: SOP 1362 Analysis Method: SOP1358

| 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   |
| <b>Total</b> |     |              |      | 0.00    |        |

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**Foreign Materials**

**Pass**

Date Prepared: 06/06/2025 15:21 Prep ID: 1150 Instrument: Visual Inspection  
Date Analyzed: 06/06/2025 19:18 Analyst ID: 3780  
Lab Batch: 2523136 Analysis Method: SOP1359

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

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**Water Activity**

**Pass**

Date Prepared: 06/06/2025 19:18 Prep ID: 1150 Specimen Wt: 0.67 g  
Date Analyzed: 06/06/2025 19:18 Analyst ID: 3780 Instrument: Water Activity Meter  
Lab Batch: 2523136 Analysis Method: SOP1355

| Analyte        | Action Limit | Result | Status |
|----------------|--------------|--------|--------|
|                | aW           | aW     |        |
| Water Activity | 0.85         | 0.55   | Pass   |

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P250324

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Total Units Received: 1  
Unit Weight: 150g

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Sample ID: T5F0159-01 CCB ID:MFG 250209  
Matrix: Edibles

**Residual Solvents**

**Pass**

Date Prepared: 06/09/2025 11:01    Prep ID: 2447    Specimen Wt: 0.05 g  
Date Analyzed: 06/09/2025 21:57    Analyst ID: 2447    Instrument: GCMSMS Headspace  
Lab Batch: 2524012    Analysis Method: SOP1361

| Analyte            | DIL | Action Limit | LOD   | Results | Status |
|--------------------|-----|--------------|-------|---------|--------|
|                    |     | ppm          | ppm   | ppm     |        |
| 1,1-Dichloroethene | 1   | 8.00         | 0.800 | ND      | Pass   |
| 1,2-Dichloroethane | 1   | 5.00         | 0.500 | ND      | Pass   |
| Acetone            | 1   | 5000         | 500   | ND      | Pass   |
| Acetonitrile       | 1   | 410          | 41.0  | ND      | Pass   |
| Benzene            | 1   | 2.00         | 0.200 | ND      | Pass   |
| Butane             | 1   | 5000         | 500   | ND      | Pass   |
| Chloroform         | 1   | 60.0         | 6.00  | ND      | Pass   |
| Ethanol            | 1   | 5000         | 500   | ND      | Pass   |
| Ethyl acetate      | 1   | 5000         | 500   | ND      | Pass   |
| Ethyl ether        | 1   | 5000         | 500   | ND      | Pass   |
| Ethylene oxide     | 1   | 10.0         | 1.00  | ND      | Pass   |
| Heptane            | 1   | 5000         | 500   | ND      | Pass   |
| Hexane             | 1   | 290          | 29.0  | ND      | Pass   |
| Isopropyl alcohol  | 1   | 5000         | 500   | ND      | Pass   |
| Methanol           | 1   | 3000         | 300   | ND      | Pass   |
| Methylene chloride | 1   | 600          | 60.0  | ND      | Pass   |
| Pentane            | 1   | 5000         | 500   | ND      | Pass   |
| Propane            | 1   | 5000         | 500   | ND      | Pass   |
| Toluene            | 1   | 890          | 89.0  | ND      | Pass   |
| Xylenes, total     | 1   | 2170         | 217   | ND      | Pass   |
| Trichloroethylene  | 1   | 80.0         | 8.00  | ND      | Pass   |

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