



Trichome Analytical  
6000 Commerce Parkway Suite I  
Mount Laurel, NJ 08054

## CERTIFICATE OF ANALYSIS

REGULATORY COMPLIANCE TESTING

(856) 316-0600  
<http://www.trichomeanalytical.com>

1 of 5

### Orange Tide 3mg THC

The Love Lab LLC  
Lic. #: PDA 232416  
1500 Industry Road  
Hatfield, PA 19440

Sample Size: 2 units

Received: 12/30/2025  
Completed: 01/02/2026  
Sampled by: Client

Sample ID: 251230TRI001.003  
Sample Description: Orange Tide

Matrix: Ingestible

Rev. 0.



### Summary

Test

Cannabinoids  
Residual Solvents  
Microbials  
Mycotoxins  
Pesticides  
Heavy Metals

Result

Complete  
Pass  
Pass  
Pass  
Pass  
Pass



### Cannabinoids

Complete

|                                                        |                                     |                                     |                                                                 |
|--------------------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------------------------------------|
| <b>2.782 mg/unit</b><br>0.0007791%<br><b>Total THC</b> | <b>ND</b><br>ND<br><b>Total CBD</b> | <b>ND</b><br>ND<br><b>Total CBG</b> | <b>2.782 mg/unit</b><br>0.0007791%<br><b>Total Cannabinoids</b> |
|--------------------------------------------------------|-------------------------------------|-------------------------------------|-----------------------------------------------------------------|

| Analyte      | LOD     | LOQ     | Result       | Result           |
|--------------|---------|---------|--------------|------------------|
|              | mg/unit | mg/unit | mg/unit      | %                |
| CBC          | 0.1172  | 0.3907  | ND           | ND               |
| CBCa         | 0.2275  | 0.7581  | ND           | ND               |
| CBD          | 0.1172  | 0.3907  | ND           | ND               |
| CBDa         | 0.1172  | 0.3907  | ND           | ND               |
| CBDV         | 0.1172  | 0.3907  | ND           | ND               |
| CBDVa        | 0.1172  | 0.3907  | ND           | ND               |
| CBG          | 0.1172  | 0.3907  | ND           | ND               |
| CBGa         | 0.1172  | 0.3907  | ND           | ND               |
| CBL          | 0.1172  | 0.3907  | ND           | ND               |
| CBN          | 0.1172  | 0.3907  | ND           | ND               |
| Δ8-THC       | 0.1172  | 0.3907  | ND           | ND               |
| Δ9-THC       | 0.1172  | 0.3907  | 2.782        | 0.0007791        |
| THCa         | 0.1172  | 0.3907  | ND           | ND               |
| THCV         | 0.1172  | 0.3907  | ND           | ND               |
| THCVa        | 0.1172  | 0.3907  | ND           | ND               |
| <b>Total</b> |         |         | <b>2.782</b> | <b>0.0007791</b> |

Date Analyzed: 12/29/2025

1 Unit = 355 mL Can, 357.0945g

Unit Mass/Volume provided by Client and may affect the validity of "mg/unit" results.

SOP.102, AOAC 2018.11 (Modified); UHPLC-PDA. Total THC = THCa \* 0.877 + Δ9-THC; Total CBD = CBDa \* 0.877 + CBD; Total CBG = CBGa \* 0.878 + CBG.



ISO/IEC 17025:2017 A2LA  
CERT# 5913.01 // DEA#  
RT0581098 // NJ HEMP#  
34\_00077

Kristen Goedde  
Quality Manager

Tom Barkley  
Laboratory Director

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### Microbials

Pass

| Analyte                                       | LOD   | Limit          | Result       | Status |
|-----------------------------------------------|-------|----------------|--------------|--------|
|                                               | CFU/g | CFU/g          | CFU/g        |        |
| Total Yeast & Mold Count                      | 10    | 10000          | <10          | Pass   |
| Total Aerobic Bacteria Count                  | 10    | 100000         | <10          | Pass   |
| Shiga-toxin producing Escherichia coli (STEC) | 1     | Detected in 1g | Not Detected | Pass   |
| Salmonella spp.                               | 1     | Detected in 1g | Not Detected | Pass   |

Date Analyzed: 01/02/2026  
Pathogens: SOP.606, SOP.607; qPCR. Quality Indicators: SOP.605; MPN.

### Mycotoxins

Pass

| Analyte          | LOD      | LOQ     | Limit | Result | Status |
|------------------|----------|---------|-------|--------|--------|
|                  | µg/g     | µg/g    | µg/g  | µg/g   |        |
| Aflatoxin B1     | 0.000810 | 0.00270 |       | ND     | Tested |
| Aflatoxin B2     | 0.000810 | 0.00270 |       | ND     | Tested |
| Aflatoxin G1     | 0.000810 | 0.00270 |       | ND     | Tested |
| Aflatoxin G2     | 0.000810 | 0.00270 |       | ND     | Tested |
| Total Aflatoxins |          |         | 0.02  | ND     | Pass   |
| Ochratoxin A     | 0.00324  | 0.0108  | 0.02  | ND     | Pass   |

Date Analyzed: 12/30/2025  
SOP.402; LC-MS/MS.



ISO/IEC 17025:2017 A2LA  
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Matrix: Ingestible

Rev. 0.

### Solvents

Pass

| Analyte             | LOD    | LOQ   | Limit | Result | Status |
|---------------------|--------|-------|-------|--------|--------|
|                     | µg/g   | µg/g  | µg/g  | µg/g   |        |
| 1,1- Dichloroethene | 0.0385 | 0.116 | 8     | ND     | Pass   |
| 1,2-Dichloroethane  | 0.154  | 0.462 | 5     | ND     | Pass   |
| Acetone             | 15.4   | 46.2  | 5000  | ND     | Pass   |
| Acetonitrile        | 15.4   | 46.2  | 410   | ND     | Pass   |
| Benzene             | 0.0385 | 0.116 | 2     | ND     | Pass   |
| Butane              | 15.4   | 46.2  | 2000  | ND     | Pass   |
| Chloroform          | 0.0385 | 0.116 | 60    | ND     | Pass   |
| Ethanol             | 15.4   | 46.2  | 5000  | 2960   | Pass   |
| Ethyl acetate       | 15.4   | 46.2  | 5000  | ND     | Pass   |
| Ethyl ether         | 15.4   | 46.2  | 5000  | ND     | Pass   |
| Ethylene oxide      | 0.154  | 0.462 | 5     | ND     | Pass   |
| Heptane             | 15.4   | 46.2  | 5000  | ND     | Pass   |
| n-Hexane            | 7.70   | 23.1  | 290   | <LOQ   | Pass   |
| Isopropyl alcohol   | 15.4   | 46.2  | 5000  | ND     | Pass   |
| Methanol            | 30.8   | 92.5  | 3000  | ND     | Pass   |
| Methylene chloride  | 0.0770 | 0.231 | 600   | ND     | Pass   |
| Pentane             | 3.85   | 11.6  | 5000  | ND     | Pass   |
| Propane             | 7.70   | 23.1  | 5000  | ND     | Pass   |
| Toluene             | 7.70   | 23.1  | 890   | ND     | Pass   |
| Trichloroethylene   | 0.0385 | 0.116 | 80    | ND     | Pass   |
| Xylenes             | 7.70   | 23.1  | 2170  | ND     | Pass   |

Date Analyzed: 12/30/2025  
SOP.204; HS-GC-MS.



ISO/IEC 17025:2017 A2LA  
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Sample Description: Orange Tide

Matrix: Ingestible

Rev. 0.

### Pesticides

Pass

| Analyte              | LOD    | LOQ    | Limit | Result | Status | Analyte                 | LOD    | LOQ    | Limit | Result | Status |
|----------------------|--------|--------|-------|--------|--------|-------------------------|--------|--------|-------|--------|--------|
|                      | µg/g   | µg/g   | µg/g  | µg/g   |        |                         | µg/g   | µg/g   | µg/g  | µg/g   |        |
| Abamectin            | 0.0101 | 0.0338 | 0.3   | ND     | Pass   | Fludioxonil             | 0.0101 | 0.0338 | 3     | ND     | Pass   |
| Acephate             | 0.0101 | 0.0338 | 3     | ND     | Pass   | Hexythiazox             | 0.0101 | 0.0338 | 2     | ND     | Pass   |
| Acequinocyl          | 0.0101 | 0.0338 | 2     | ND     | Pass   | Imazalil                | 0.0101 | 0.0338 | 0.1   | ND     | Pass   |
| Acetamiprid          | 0.0101 | 0.0338 | 3     | ND     | Pass   | Imidacloprid            | 0.0101 | 0.0338 | 3     | ND     | Pass   |
| Aldicarb             | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Kresoxim Methyl         | 0.0101 | 0.0338 | 1     | ND     | Pass   |
| Azoxystrobin         | 0.0101 | 0.0338 | 3     | ND     | Pass   | Malathion               | 0.0101 | 0.0338 | 2     | ND     | Pass   |
| Bifenazate           | 0.0101 | 0.0338 | 3     | ND     | Pass   | Metalaxyl               | 0.0101 | 0.0338 | 3     | ND     | Pass   |
| Bifenthrin           | 0.0101 | 0.0338 | 0.5   | ND     | Pass   | Methiocarb              | 0.0101 | 0.0338 | 0.1   | ND     | Pass   |
| Boscalid             | 0.0101 | 0.0338 | 3     | ND     | Pass   | Methomyl                | 0.0101 | 0.0338 | 0.1   | ND     | Pass   |
| Captan               | 0.0810 | 0.270  | 3     | ND     | Pass   | Mevinphos               | 0.0101 | 0.0338 | 0.1   | ND     | Pass   |
| Carbaryl             | 0.0101 | 0.0338 | 0.5   | ND     | Pass   | MGK-264                 | 0.0203 | 0.0675 |       | ND     | Tested |
| Carbofuran           | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Myclobutanil            | 0.0101 | 0.0338 | 3     | ND     | Pass   |
| Chlorantraniliprole  | 0.0101 | 0.0338 | 3     | ND     | Pass   | Naled                   | 0.0101 | 0.0338 | 0.5   | ND     | Pass   |
| Chlordane            | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Oxamyl                  | 0.0101 | 0.0338 | 0.5   | ND     | Pass   |
| Chlorfenapyr         | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Paclobutrazol           | 0.0101 | 0.0338 | 0.1   | ND     | Pass   |
| Chlormequat chloride | 0.0101 | 0.0338 | 3     | ND     | Pass   | Parathion Methyl        | 0.0101 | 0.0338 | 0.1   | ND     | Pass   |
| Chlorpyrifos         | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Pentachloronitrobenzene | 0.0101 | 0.0338 | 0.2   | ND     | Pass   |
| Clofentezine         | 0.0101 | 0.0338 | 0.5   | ND     | Pass   | Permethrins             | 0.0101 | 0.0338 | 1     | ND     | Pass   |
| Coumaphos            | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Phosmet                 | 0.0101 | 0.0338 | 0.2   | ND     | Pass   |
| Cyfluthrin           | 0.0101 | 0.0338 | 1     | ND     | Pass   | Piperonyl Butoxide      | 0.0101 | 0.0338 | 3     | ND     | Pass   |
| Cypermethrin         | 0.0203 | 0.0675 | 1     | ND     | Pass   | Prallethrin             | 0.0405 | 0.0338 | 0.4   | ND     | Pass   |
| Daminozide           | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Propiconazole           | 0.0101 | 0.0338 | 1     | ND     | Pass   |
| Diazinon             | 0.0101 | 0.0338 | 0.2   | ND     | Pass   | Propoxur                | 0.0101 | 0.0338 | 0.1   | ND     | Pass   |
| Dichlorvos           | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Pyrethrins              | 0.0405 | 0.135  | 1     | ND     | Pass   |
| Dimethoate           | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Pyridaben               | 0.0101 | 0.0338 | 3     | ND     | Pass   |
| Dimethomorph         | 0.0101 | 0.0338 | 3     | ND     | Pass   | Spinetoram              | 0.0101 | 0.0338 | 3     | ND     | Pass   |
| Ethoprophos          | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Spinosad                | 0.0101 | 0.0338 | 3     | ND     | Pass   |
| Etofenprox           | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Spiromesifen            | 0.0101 | 0.0338 | 3     | ND     | Pass   |
| Etoxazole            | 0.0101 | 0.0338 | 1.5   | ND     | Pass   | Spirotetramat           | 0.0101 | 0.0338 | 3     | ND     | Pass   |
| Fenhexamid           | 0.0101 | 0.0338 | 3     | ND     | Pass   | Spiroxamine             | 0.0101 | 0.0338 | 0.1   | ND     | Pass   |
| Fenoxycarb           | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Tebuconazole            | 0.0101 | 0.0338 | 1     | ND     | Pass   |
| Fenpyroximate        | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Thiacloprid             | 0.0101 | 0.0338 | 0.1   | ND     | Pass   |
| Fipronil             | 0.0101 | 0.0338 | 0.1   | ND     | Pass   | Thiamethoxam            | 0.0101 | 0.0338 | 1     | ND     | Pass   |
| Flonicamid           | 0.0101 | 0.0338 | 2     | ND     | Pass   | Trifloxystrobin         | 0.0101 | 0.0338 | 3     | ND     | Pass   |

Date Tested: 12/30/2025  
SOP.402; LC-MS/MS & SOP.302; GC-MS



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## Elemental

Pass

## Heavy Metals

| Analyte  | LOD      | LOQ     | Limit | Result | Status |
|----------|----------|---------|-------|--------|--------|
|          | µg/g     | µg/g    | µg/g  | µg/g   |        |
| Arsenic  | 0.00651  | 0.0482  | 1.5   | ND     | Pass   |
| Cadmium  | 0.000512 | 0.0241  | 0.5   | ND     | Pass   |
| Lead     | 0.00609  | 0.0241  | 1     | ND     | Pass   |
| Mercury  | 0.00276  | 0.00722 | 1.5   | ND     | Pass   |
| Chromium | 0.0259   | 0.0722  |       | ND     | Tested |
| Nickel   | 0.0266   | 0.0722  |       | ND     | Tested |
| Antimony | 0.00805  | 0.0241  |       | ND     | Tested |
| Selenium | 0.0126   | 0.0963  |       | ND     | Tested |

## Nutrients

| Analyte   | LOD    | LOQ   | Limit | Result | Status |
|-----------|--------|-------|-------|--------|--------|
|           | µg/g   | µg/g  | µg/g  | µg/g   |        |
| Copper    | 0.103  | 0.489 |       | ND     | Tested |
| Iron      | 1.67   | 5.00  |       | ND     | Tested |
| Manganese | 0.0155 | 0.489 |       | <LOQ   | Tested |
| Zinc      | 1.67   | 5.00  |       | ND     | Tested |

Date Analyzed: 12/30/2025  
SOP 502; ICPMS.



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