



152 Spring St Suite B  
Macon, GA 31201  
License #: PHRS001078

# Certificate of Analysis

Reported: April 08, 2025

## Overall Status

**Product Name:** Lava Trifecta Gummies Watermelon LV-032725-021  
**Matrix:** Ingestible  
**Sample Size:** 10 ea  
**Received:** 04/01/2025  
**Sample ID:** SAM-033125-8301



## Distributor or Microbusiness:

**Name:** Lava Products USA  
**Premises Address:** 5432 North River Rd.  
Rogue River, Oregon 97537  
**License No.:**

## Potency

**Date of Analysis:**

**Method:** HPLC Cannabinoid and HPLC Impurity

| Moisture<br>%<br>ND | Total THC:<br>%<br>0.007<br>mg/pkg<br>2.960 | Total CBD:<br>%<br>ND<br>mg/pkg<br>ND | Total CBG:<br>%<br>ND<br>mg/pkg<br>ND | Total Cannabinoids:<br>%<br>0.87<br>mg/pkg<br>346.760 |
|---------------------|---------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------------------|
|---------------------|---------------------------------------------|---------------------------------------|---------------------------------------|-------------------------------------------------------|

| Analyte  | LOQ (%) | Results (%) | Results (mg/g) | Results (mg/srv) | Results (mg/pkg) |
|----------|---------|-------------|----------------|------------------|------------------|
| CBD      | 0.00    | ND          | ND             | ND               | ND               |
| CBDV     | 0.00    | ND          | ND             | ND               | ND               |
| CBDVA*   | 0.00    | ND          | ND             | ND               | ND               |
| CBDA     | 0.00    | ND          | ND             | ND               | ND               |
| CBC      | 0.00    | ND          | ND             | ND               | ND               |
| CBCA     | 0.00    | ND          | ND             | ND               | ND               |
| CBG      | 0.00    | ND          | ND             | ND               | ND               |
| CBGA     | 0.00    | ND          | ND             | ND               | ND               |
| CBN      | 0.00    | 0.01        | 0.05           | 0.21             | 2.08             |
| Δ9-THC   | 0.00    | 0.01        | 0.07           | 0.30             | 2.96             |
| Δ8-THC   | 0.00    | 0.32        | 3.20           | 12.80            | 127.96           |
| THCA     | 0.00    | ND          | ND             | ND               | ND               |
| THCV     | 0.00    | ND          | ND             | ND               | ND               |
| THCVA*   | 0.00    | ND          | ND             | ND               | ND               |
| THCp*    | 0.00    | 0.17        | 1.67           | 6.66             | 66.60            |
| Δ10s-THC | 0.00    | ND          | ND             | ND               | ND               |
| Δ10r-THC | 0.00    | ND          | ND             | ND               | ND               |
| CBNA     | 0.00    | ND          | ND             | ND               | ND               |
| Exo-THC  | 0.00    | 0.01        | 0.06           | 0.22             | 2.24             |
| HHC-s    | 0.00    | 0.13        | 1.30           | 5.21             | 52.08            |
| HHC-r    | 0.00    | 0.24        | 2.38           | 9.51             | 95.08            |

| Analyte | LOQ (%) | Results (%) | Results (mg/g) | Results (mg/srv) | Results (mg/pkg) |
|---------|---------|-------------|----------------|------------------|------------------|
| THC-O   | 0.00    | ND          | ND             | ND               | ND               |

Residual Solvents

Date of Analysis:

Method: GC/MS headspace

| Analyte               | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|-----------------------|-----------|---------------|-------------|--------|
| Carbon-Tetrachloride  | 200.00    | ND            | 5000000.00  | Pass   |
| Methanol              | 9620.00   | ND            | 800000.00   | Pass   |
| Pentane               | 640.00    | ND            | 5000000.00  | Pass   |
| Ethanol               | 2280.00   | ND            | 5000000.00  | Pass   |
| Acetone               | 2210.00   | ND            | 800000.00   | Pass   |
| Isopropanol*          | 2010.00   | 3418.0        | 5000000.00  | Pass   |
| Acetonitrile          | 4560.00   | ND            | 410000.00   | Pass   |
| n-Hexane              | 2680.00   | ND            | 100000.00   | Pass   |
| Chloroform*           | 100.00    | ND            | 1000.00     | Pass   |
| Benzene               | 90.00     | ND            | 1000.00     | Pass   |
| Heptane               | 100.00    | ND            | 500000.00   | Pass   |
| TetrahydrofuranP*     | 100.00    | ND            | 1000.00     | Pass   |
| Toluene               | 100.00    | ND            | 1000.00     | Pass   |
| Xylene (meta-, para-) | 360.00    | ND            | 1000.00     | Pass   |
| Xylene (ortho-)       | 240.00    | ND            | 1000.00     | Pass   |
| Butane                | 0.00      | ND            | 800000.00   | Pass   |

Pesticides

Date of Analysis: Method: LC/MS/MS

| Analyte              | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|----------------------|-----------|---------------|-------------|--------|
| Aldicarb             | 100.00    | ND            | 100.00      | Pass   |
| Carbofuran           | 100.00    | ND            | 100.00      | Pass   |
| Chlordane            | 100.00    | ND            | 100.00      | Pass   |
| Chlorfenapyr         | 100.00    | ND            | 100.00      | Pass   |
| Chlorantraniliprole  | 100.00    | ND            | 100.00      | Pass   |
| Chlorpyrifos         | 100.00    | ND            | 100.00      | Pass   |
| Coumaphos            | 100.00    | ND            | 100.00      | Pass   |
| Daminozide           | 100.00    | ND            | 100.00      | Pass   |
| DDVP                 | 100.00    | ND            | 100.00      | Pass   |
| Dimethoate           | 100.00    | ND            | 100.00      | Pass   |
| Ethoprophos          | 100.00    | ND            | 100.00      | Pass   |
| Etofenprox           | 100.00    | ND            | 100.00      | Pass   |
| Fenoxycarb           | 100.00    | ND            | 100.00      | Pass   |
| Fipronil             | 100.00    | ND            | 100.00      | Pass   |
| Imazalil             | 100.00    | ND            | 100.00      | Pass   |
| Methiocarb           | 100.00    | ND            | 100.00      | Pass   |
| Mevinphos            | 100.00    | ND            | 100.00      | Pass   |
| Paclobutrazol        | 100.00    | ND            | 100.00      | Pass   |
| Propoxur             | 100.00    | ND            | 100.00      | Pass   |
| Thiacloprid          | 100.00    | ND            | 100.00      | Pass   |
| Abamectin            | 100.00    | ND            | 100.00      | Pass   |
| Acephate             | 100.00    | ND            | 100.00      | Pass   |
| Acequinocyl          | 100.00    | ND            | 100.00      | Pass   |
| Acetamiprid          | 100.00    | ND            | 100.00      | Pass   |
| Azoxystrobin         | 100.00    | ND            | 100.00      | Pass   |
| Bifenazate           | 100.00    | ND            | 100.00      | Pass   |
| Bifenthrin           | 100.00    | ND            | 100.00      | Pass   |
| Boscalid*            | 100.00    | ND            | 100.00      | Pass   |
| Captan               | 1000.00   | ND            | 0.00        | Pass   |
| Carbaryl             | 100.00    | ND            | 100.00      | Pass   |
| Chlormequat Chloride | 100.00    | ND            | 100.00      | Pass   |
| Cyfluthrin           | 100.00    | ND            | 100.00      | Pass   |
| Cypermethrin         | 100.00    | ND            | 100.00      | Pass   |
| Diazinon             | 100.00    | ND            | 100.00      | Pass   |
| Dimethomorph         | 100.00    | ND            | 100.00      | Pass   |
| Etoxazole            | 100.00    | ND            | 100.00      | Pass   |
| Fenhexamid           | 100.00    | ND            | 100.00      | Pass   |
| Fenpyroximate        | 100.00    | ND            | 2000.00     | Pass   |
| Flonicamid           | 100.00    | ND            | 100.00      | Pass   |
| Fludioxonil          | 100.00    | ND            | 100.00      | Pass   |
| Fluoxastrobin        | 100.00    | ND            | 100.00      | Pass   |
| Hexythiazox          | 100.00    | ND            | 100.00      | Pass   |
| Imidacloprid         | 100.00    | ND            | 100.00      | Pass   |
| Kresoxim Methyl      | 100.00    | ND            | 100.00      | Pass   |
| Malathion            | 100.00    | ND            | 100.00      | Pass   |
| Metalaxyl            | 100.00    | ND            | 100.00      | Pass   |
| Methomyl             | 100.00    | ND            | 100.00      | Pass   |
| Methyl Parathion     | 100.00    | ND            | 100.00      | Pass   |
| Myclobutanil         | 100.00    | ND            | 100.00      | Pass   |

| Analyte                     | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|-----------------------------|-----------|---------------|-------------|--------|
| Oxamyl                      | 100.00    | ND            | 100.00      | Pass   |
| PentachloronitrobenzenePCNB | 100.00    | ND            | 0.00        | Pass   |
| Permethrin                  | 100.00    | ND            | 100.00      | Pass   |
| Phosmet (Imidan)            | 100.00    | ND            | 100.00      | Pass   |
| Piperonyl Butoxide          | 100.00    | ND            | 8000.00     | Pass   |
| Prallethrin                 | 100.00    | ND            | 100.00      | Pass   |
| Propiconazole               | 100.00    | ND            | 100.00      | Pass   |
| Pyrethrins                  | 100.00    | ND            | 1000.00     | Pass   |
| Pyridaben                   | 100.00    | ND            | 100.00      | Pass   |
| Spinetoram                  | 100.00    | ND            | 100.00      | Pass   |
| Spinosad                    | 100.00    | ND            | 3000.00     | Pass   |
| spinoxamine                 | 100.00    | ND            | 100.00      | Pass   |
| Spiromesifen                | 100.00    | ND            | 100.00      | Pass   |
| Spirotetramat               | 100.00    | ND            | 100.00      | Pass   |
| Tebuconazole                | 100.00    | ND            | 100.00      | Pass   |
| Thiamethoxam                | 100.00    | ND            | 100.00      | Pass   |
| Trifloxystrobin             | 100.00    | ND            | 100.00      | Pass   |

Mycotoxins

| Date of Analysis: |           | Method: LC/MS/MS |             |        |
|-------------------|-----------|------------------|-------------|--------|
| Analyte           | LOQ (ppb) | Results (ppb)    | Limit (ppb) | Status |
| Aflatoxin G1      | 5.00      | ND               | 20.00       | Pass   |
| Aflatoxin G2      | 5.00      | ND               | 20.00       | Pass   |
| Aflatoxin B1      | 5.00      | ND               | 20.00       | Pass   |
| Aflatoxin B2      | 5.00      | ND               | 20.00       | Pass   |
| Total Aflatoxins  | 20.00     | ND               | 20.00       | Pass   |
| Ochratoxin A      | 5.00      | ND               | 20.00       | Pass   |

Microbial Analysis

| Date of Analysis:     |       | Method: DBRC Agar & Petrifilm |           |        |
|-----------------------|-------|-------------------------------|-----------|--------|
| Analyte               | LOQ   | Results                       | Limit     | Status |
| Aspergillus fumigatus | 10.00 | ND                            | 10.00     | Pass   |
| Aspergillus flavus    | 10.00 | ND                            | 10.00     | Pass   |
| Aspergillus niger     | 10.00 | ND                            | 10.00     | Pass   |
| Aspergillus terreus   | 10.00 | ND                            | 10.00     | Pass   |
| Total Coliform        | 10.00 | ND                            | 1000.00   | Pass   |
| BTGN                  | 10.00 | ND                            | 1000.00   | Pass   |
| STEC                  | 1.00  | ND                            | 1.00      | Pass   |
| Salmonella            | 1.00  | ND                            | 1.00      | Pass   |
| Total Yeast Mold      | 10.00 | ND                            | 10000.00  | Pass   |
| Total Aerobic Count   | 10.00 | ND                            | 100000.00 | Pass   |

Foreign Materials

|                   |          |         |  |
|-------------------|----------|---------|--|
| Date of Analysis: |          | Method: |  |
| Analyte           | Results  |         |  |
| Foreign Materials | Negative |         |  |

Heavy Metals

Date of Analysis:

Method: ICP/MS

| Analyte  | LOQ (ppb) | Results (ppb) | Limit (ppb) | Status |
|----------|-----------|---------------|-------------|--------|
| Cadmium  | 10.00     | ND            | 500.00      | Pass   |
| Lead     | 10.00     | ND            | 500.00      | Pass   |
| Arsenic  | 10.00     | ND            | 500.00      | Pass   |
| Mercury  | 10.00     | ND            | 500.00      | Pass   |
| Chromium | 10.00     | 269.23        | 1100000.00  | Pass   |

*Sarah Michaels*



This report is for quality assurance only. Values reported relate only to sample tested. Sample was tested as received from client. SJ Labs and Analytics, LLC makes no claims of safety or risk associated with detected or non detected level for any compounds reported herein. Overall Pass/Fail status is determined with upper limits listed by each analyte, except Potency, for which the decision rule for passing is if the Total THC < 0.3304. Level of Uncertainty will be provided upon request. The analytes and assays included in this report are ISO/IEC 17025:2017 Accredited via PJLA (Accreditation No. 116065), except those analytes denoted by (\*). This certificate shall not be reproduced except in full, without written consent from SJ Labs and Analytics, LLC.