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# Certificate of Analysis

**Florida Hemp Panel**

## ANALYZED BY:

Anresco Laboratories
1375 Van Dyke Avenue,
San Francisco, CA 94124
C8-0000052-LIC

## CUSTOMER:

Crescent Distributions
2728 Magazine Street
New Orleans, LA 70130

## MANUFACTURER:

Life is Brewing Beverage Company
6790 John Bragg Highway
Murfreesboro, TN 37127
Hemp permit # TNHDC241394
FDA registration # 13044087478




## SAMPLE INFORMATION

**Sample No.:** 1350249
**Product Name:** raspberry lime 50mg
**Matrix:** Edible (Beverage)
**Lot #:** CR093 M

**Date Collected:** 10/13/2025
**Date Received:** 10/13/2025
**Date Reported:** 10/24/2025

## TEST SUMMARY

| | | | |
|---|---|---|---|
| **Cannabinoid Profile:** | Pass | **Microbiological Screen:** | Tested |
| **Pesticide Residue Screen:** | Pass | **Residual Solvent Screen:** | Pass |
| **Heavy Metal Screen:** | Pass | **Mycotoxin Screen:** | Pass |
| **Chlormequat Chloride:** | Pass | | |

**Customer Comment(s):** The batch was processed in a facility that holds a current and valid permit issued by a human health or food safety regulatory entity with authority over the facility, and that facility meets the human health or food safety sanitization requirements of the regulatory entity.

## Cannabinoid Profile Pass

*10/15/2025*

**Method:** MF-CHEM-15
**Instrument:** Liquid Chromatography Diode Array Detector (LC-DAD)
**Limit of Detection** 0.0017 mg/g
**Limit of Quantitation** 0.0050 mg/g

| Cannabinoid | mg/g | % | mg/ml | mg/serving | mg/package | Labeled mg/serving | % Difference | Status |
|---|---|---|---|---|---|---|---|---|
| Δ8-THC | ND | ND | ND | ND | ND | - | - | - |
| Δ9-THC | 0.164 | 0.0164 | 0.169 | 5.07 | 60.81 | 4.166 | 21.63 | Pass |
| Δ9-THCA | ND | ND | ND | ND | ND | - | - | - |
| THCV | ND | ND | ND | ND | ND | - | - | - |
| THCVA | ND | ND | ND | ND | ND | - | - | - |
| CBD | ND | ND | ND | ND | ND | - | - | - |
| CBDA | ND | ND | ND | ND | ND | - | - | - |
| CBC | ND | ND | ND | ND | ND | - | - | - |
| CBCA | ND | ND | ND | ND | ND | - | - | - |
| CBDV | ND | ND | ND | ND | ND | - | - | - |
| CBG | 0.006 | 0.0006 | 0.006 | 0.19 | 2.30 | - | - | - |
| CBGA | ND | ND | ND | ND | ND | - | - | - |
| CBN | ND | ND | ND | ND | ND | - | - | - |
| Total THC | 0.164 | 0.0164 | 0.169 | 5.07 | 60.81 | - | - | - |
| Total CBD | ND | ND | ND | ND | ND | - | - | - |
| Total Cannabinoids | 0.170 | 0.0170 | 0.175 | 5.26 | 63.10 | - | - | - |
| Sum of Cannabinoids | 0.170 | 0.0170 | 0.175 | 5.26 | 63.10 | - | - | - |
| **Serving Weight (g)** | 30.8970 | | | | | | | |
| **Package Weight (g)** | 370.764 | | | | | | | |
| **g/ml Conversion Factor** | 1.0299 | | | | | | | |

Total THC = Δ8-THC + Δ9-THC + (0.877 * THCA)
Total CBD = CBD + (0.877 * CBDA)
Total Cannabinoids = Σ (neutral cannabinoids) + [0.877 * Σ (acidic cannabinoids)]

**Comment(s):** This result of this sample is confirmed with a retest.



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## Microbiological Screen ✔ Tested

*10/22/2025*

| Analyte | Findings | Units | Instrument | Method | Limit | Status |
|---|---|---|---|---|---|---|
| E. coli | Not Detected | /1g | - | FDA BAM Modified | - | - |
| Salmonella | Not Detected | /25g | Molecular Detection Assay | MF-MICRO-11 | Not Detected | Pass |
| STEC | Not Detected | /25g | Molecular Detection Assay | MF-MICRO-18 | Not Detected | Pass |
| Aspergillus flavus | Not Detected | /25g | Molecular Detection Assay | MF-MICRO-14 | Not Detected | Pass |
| Aspergillus fumigatus | Not Detected | /25g | Molecular Detection Assay | MF-MICRO-14 | Not Detected | Pass |
| Aspergillus niger | Not Detected | /25g | Molecular Detection Assay | MF-MICRO-14 | Not Detected | Pass |
| Aspergillus terreus | Not Detected | /25g | Molecular Detection Assay | MF-MICRO-14 | Not Detected | Pass |
| Yeast | 0/10 | cfu/g | - | FDA BAM | - | - |
| Mold | 0/10 | cfu/g | - | FDA BAM | - | - |

## Pesticide Residue Screen ✔ Pass

*10/18/2025*

**Method:** MF-CHEM-13

**Instrument:** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|---|---|---|---|---|
| Abamectin | 0.04/0.10 | ND | 0.3 | Pass |
| Acephate | 0.02/0.06 | ND | 5.0 | Pass |
| Acequinocyl | 0.04/0.10 | ND | 4.0 | Pass |
| Acetamiprid | 0.017/0.05 | ND | 5.0 | Pass |
| Aldicarb | 0.02/0.06 | ND | 0.02 | Pass |
| Azoxystrobin | 0.02/0.06 | ND | 40.0 | Pass |
| Bifenazate | 0.02/0.06 | ND | 5.0 | Pass |
| Bifenthrin | 0.04/0.10 | ND | 0.5 | Pass |
| Boscalid | 0.02/0.06 | ND | 10.0 | Pass |
| Captan | 0.2/0.6 | ND | 5.0 | Pass |
| Carbaryl | 0.02/0.06 | ND | 0.5 | Pass |
| Carbofuran | 0.017/0.05 | ND | 0.017 | Pass |
| Chlorantraniliprole | 0.02/0.06 | ND | 40.0 | Pass |
| Chlordane | 0.02/0.06 | ND | 0.02 | Pass |
| Chlorfenapyr | 0.02/0.06 | ND | 0.02 | Pass |
| Chlorpyrifos | 0.02/0.06 | ND | 0.02 | Pass |
| Clofentezine | 0.02/0.06 | ND | 0.5 | Pass |
| Coumaphos | 0.02/0.06 | ND | 0.02 | Pass |
| Cyfluthrin | 0.10/0.30 | ND | 1.0 | Pass |
| Cypermethrin | 0.10/0.30 | ND | 1.0 | Pass |
| Daminozide | 0.017/0.05 | ND | 0.017 | Pass |
| DDVP (Dichlorvos) | 0.013/0.04 | ND | 0.013 | Pass |
| Diazinon | 0.017/0.05 | ND | 0.2 | Pass |
| Dimethoate | 0.017/0.05 | ND | 0.017 | Pass |
| Dimethomorph | 0.017/0.05 | ND | 20.0 | Pass |
| Ethoprop(hos) | 0.02/0.06 | ND | 0.02 | Pass |
| Etofenprox | 0.02/0.06 | ND | 0.02 | Pass |
| Etoxazole | 0.02/0.06 | ND | 1.5 | Pass |
| Fenhexamid | 0.017/0.05 | ND | 10.0 | Pass |
| Fenoxycarb | 0.02/0.06 | ND | 0.02 | Pass |
| Fenpyroximate | 0.02/0.06 | ND | 2.0 | Pass |
| Fipronil | 0.02/0.06 | ND | 0.02 | Pass |
| Flonicamid | 0.02/0.06 | ND | 2.0 | Pass |
| Fludioxonil | 0.02/0.06 | ND | 30.0 | Pass |
| Hexythiazox | 0.02/0.06 | ND | 2.0 | Pass |
| Imazalil | 0.02/0.06 | ND | 0.02 | Pass |
| Imidacloprid | 0.02/0.06 | ND | 3.0 | Pass |
| Kresoxim Methyl | 0.02/0.06 | ND | 1.0 | Pass |
| Malathion | 0.017/0.05 | ND | 5.0 | Pass |
| Metalaxyl | 0.017/0.05 | ND | 15.0 | Pass |
| Methiocarb | 0.02/0.06 | ND | 0.02 | Pass |
| Methomyl | 0.013/0.04 | ND | 0.1 | Pass |
| Methyl parathion | 0.02/0.06 | ND | 0.02 | Pass |
| Mevinphos | 0.02/0.06 | ND | 0.02 | Pass |
| Myclobutanil | 0.02/0.06 | ND | 9.0 | Pass |
| Naled | 0.017/0.05 | ND | 0.5 | Pass |
| Oxamyl | 0.013/0.04 | ND | 0.2 | Pass |
| Paclobutrazol | 0.02/0.06 | ND | 0.02 | Pass |
| Pentachloronitrobenzene | 0.017/0.05 | ND | 0.2 | Pass |
| Permethrins | 0.10/0.30 | ND | 20.0 | Pass |
| Phosmet | 0.02/0.06 | ND | 0.2 | Pass |
| Piperonyl Butoxide | 0.02/0.06 | ND | 8.0 | Pass |



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| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|---|---|---|---|---|
| Prallethrin | 0.04/0.10 | ND | 0.4 | Pass |
| Propiconazole | 0.02/0.06 | ND | 20.0 | Pass |
| Propoxur | 0.013/0.04 | ND | 0.013 | Pass |
| Pyrethrins | 0.15/0.50 | ND | 1.0 | Pass |
| Pyridaben | 0.017/0.05 | ND | 3.0 | Pass |
| Spinetoram | 0.02/0.06 | ND | 3.0 | Pass |
| Spinosad | 0.02/0.06 | ND | 3.0 | Pass |
| Spiromesifen | 0.04/0.10 | ND | 12.0 | Pass |
| Spirotetramat | 0.02/0.06 | ND | 13.0 | Pass |
| Spiroxamine | 0.017/0.05 | ND | 0.017 | Pass |
| Tebuconazole | 0.02/0.06 | ND | 2.0 | Pass |
| Thiacloprid | 0.013/0.04 | ND | 0.013 | Pass |
| Thiamethoxam | 0.02/0.06 | ND | 4.5 | Pass |
| Trifloxystrobin | 0.02/0.06 | ND | 30.0 | Pass |

## Residual Solvent Screen ✔ Pass

*10/17/2025*

| Analyte | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|---|---|---|---|---|
| 1,1-Dichloroethene | 2/4 | ND | 8 | Pass |
| 1,2-Dichloroethane | 0.2/0.5 | ND | 1 | Pass |
| Acetone | 14/40 | <LOQ | 5000 | Pass |
| Acetonitrile | 14/40 | ND | 410 | Pass |
| Benzene | 0.2/0.5 | ND | 1 | Pass |
| n-Butane | 14/40 | ND | 800 | Pass |
| Chloroform | 0.2/0.5 | ND | 1 | Pass |
| Ethanol | 14/40 | 344.00 | 5000 | Pass |
| Ethyl acetate | 14/40 | ND | 5000 | Pass |
| Ethyl ether | 14/40 | ND | 5000 | Pass |
| Ethylene oxide | 0.2/0.5 | ND | 1 | Pass |
| n-Heptane | 14/40 | ND | 500 | Pass |
| n-Hexane | 14/40 | ND | 100 | Pass |
| Isopropyl alcohol | 14/40 | ND | 500 | Pass |
| Methanol | 14/40 | ND | 3000 | Pass |
| Methylene chloride | 0.2/0.5 | ND | 1 | Pass |
| n-Pentane | 14/40 | ND | 5000 | Pass |
| Propane | 14/40 | ND | 210 | Pass |
| Toluene | 14/40 | ND | 890 | Pass |
| Total xylenes (ortho-, meta-, para-) | 14/40 | ND | 2170 | Pass |
| Trichloroethylene | 0.2/0.5 | ND | 1 | Pass |

## Heavy Metal Screen ✔ Pass

*10/17/2025*

**Method:** MF-CHEM-16

**Instrument:** Inductively Coupled Plasma Mass Spectrometry (ICP-MS)

| Analyte | LOD/LOQ (µg/g) | Findings (µg/g) | Limit (µg/g) | Status |
|---|---|---|---|---|
| Arsenic | 0.003/0.05 | ND | 1.5 | Pass |
| Cadmium | 0.008/0.05 | ND | 0.5 | Pass |
| Mercury | 0.002/0.05 | ND | 3 | Pass |
| Lead | 0.01/0.125 | ND | 0.5 | Pass |

## Mycotoxin Screen ✔ Pass

*10/18/2025*

**Method:** MF-CHEM-13

**Instrument:** Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS) & Gas Chromatography Tandem Mass Spectrometry (GC-MS/MS)

| Analyte | LOD/LOQ (µg/kg) | Findings (µg/kg) | Limit (µg/kg) | Status |
|---|---|---|---|---|
| Aflatoxin B1 | 2/5 | ND | - | - |
| Aflatoxin B2 | 2/5 | ND | - | - |
| Aflatoxin G1 | 2/5 | ND | - | - |
| Aflatoxin G2 | 2/5 | ND | - | - |
| Total Aflatoxins | 8/20 | ND | 20 | Pass |
| Ochratoxin A | 6/18 | ND | 20 | Pass |

## Chlormequat Chloride ✔ Pass

*10/18/2025*

**Method:** MF-CHEM-13

**Instrument:** LC-MS/MS

| Analyte | LOD / LOQ (ppm) | Findings (ppm) | Limit | Status |
|---|---|---|---|---|
| Chlormequat Chloride | 0.03/0.1 | ND | 0.1 | Pass |



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ND = None Detected
LOD = Limit of Detection
LOQ = Limit of Quantitation

Reported by




Zachary Eisenberg
Vice President

Scan to verify

*The analytes and stated limits shown have been internally confirmed to meet or exceed Florida's hemp regulatory requirements (Rule 5K-4.034), current as of August 25, 2025. However, these requirements are subject to change and Anresco assumes no liability. It is the customer's sole responsibility to ensure their products are tested and remain compliant with applicable current laws and regulations.*



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