

Universal Hemp Panel

ANALYZED BY:

Anresco Laboratories
 1375 Van Dyke Avenue,
 San Francisco, CA 94124
 DEA# PA0202945

CUSTOMER:

Surly Brewing Company
 4811 Dusharme Dr
 Brooklyn Center, MN 55429

MANUFACTURER:

Minneapolis, MN
 520 Malcom AVE SE
 Minneapolis, MN 55414
 FDA:13762318736 LPMFR-L25-000046-02


SAMPLE INFORMATION

Sample No.: 1376072
 Product Name: Lolli Grape Soda
 Matrix: Edible (Carbonated Beverage)
 Lot #: GRAP10-006-26014 EXP: 01/14/27

Date Collected: 01/16/2026
 Date Received: 01/16/2026
 Date Reported: 01/23/2026

TEST SUMMARY

Cannabinoid Profile: ✓ Tested
 Pesticide Residue Screen: ✓ Pass
 Heavy Metal Screen: ✓ Pass
 Mycotoxin Screen: ✓ Pass

Microbiological Screen: ✓ Pass
 Residual Solvent Screen: ✓ Pass
 Foreign Material: ✓ 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 ✓ Tested

01/16/2026

Method: MF-CHEM-15
Instrument: Liquid Chromatography Diode Array Detector (LC-DAD)
Limit of Detection: 0.0008 mg/g
Limit of Quantitation: 0.0025 mg/g
Measurement of Uncertainty Average: ±6.3%

| Cannabinoid | mg/g | % | mg/ml | mg/serving | mg/package | Labeled mg/serving | % Difference |
|---------------------------|----------|---------|--------|------------|------------|--------------------|--------------|
| Δ8-THC | ND | ND | ND | ND | ND | - | - |
| Δ9-THC | 0.0266 | 0.00266 | 0.0277 | 9.84 | 9.84 | 10 | 1.58 |
| 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 | <LOQ | <LOQ | <LOQ | <LOQ | <LOQ | - | - |
| CBGA | ND | ND | ND | ND | ND | - | - |
| CBN | ND | ND | ND | ND | ND | - | - |
| Exo-THC | ND | ND | ND | ND | ND | - | - |
| (6aR,9R)-Δ10-THC | ND | ND | ND | ND | ND | - | - |
| (6aR,9S)-Δ10-THC | ND | ND | ND | ND | ND | - | - |
| 9(R)-Hexahydrocannabinol | ND | ND | ND | ND | ND | - | - |
| 9(S)-Hexahydrocannabinol | ND | ND | ND | ND | ND | - | - |
| Δ8-THC-O-Acetate | ND | ND | ND | ND | ND | - | - |
| Δ9-THC-O-Acetate | ND | ND | ND | ND | ND | - | - |
| THC-O-Phosphate | NT | NT | NT | NT | NT | - | - |
| 88-THCP | ND | ND | ND | ND | ND | - | - |
| 89-THCP | ND | ND | ND | ND | ND | - | - |
| Total THC | 0.0266 | 0.00266 | 0.0277 | 9.84 | 9.84 | - | - |
| Total CBD | ND | ND | ND | ND | ND | - | - |
| Total Cannabinoids | 0.0266 | 0.00266 | 0.0277 | 9.84 | 9.84 | - | - |
| Sum of Cannabinoids | 0.0266 | 0.00266 | 0.0277 | 9.84 | 9.84 | - | - |
| Serving Weight (g) | 370.0165 | | | | | | |
| Package Weight (g) | 370.0165 | | | | | | |

| Cannabinoid | mg/g | % | mg/ml | mg/serving | mg/package | Labeled mg/serving | % Difference |
|-------------------------------|--------|---|-------|------------|------------|--------------------|-----------------|
| g/ml Conversion Factor | 1.0423 | | | | | | |

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)]

Microbiological Screen Pass

01/20/2026

Measurement of Uncertainty Average: APC ±35.6%, Y&M ±31.3%

| Analyte | Findings | Units | Method | Limit | Status |
|---------------------------|----------|-------|--------------------|--------|--------|
| Salmonella | ND | /25g | AOAC 2016.01 | ND | Pass |
| STEC | ND | /25g | MF-MICRO-18 | ND | Pass |
| Aspergillus flavus | ND | /25g | MF-MICRO-14 | ND | Pass |
| Aspergillus fumigatus | ND | /25g | MF-MICRO-14 | ND | Pass |
| Aspergillus niger | ND | /25g | MF-MICRO-14 | ND | Pass |
| Aspergillus terreus | ND | /25g | MF-MICRO-14 | ND | Pass |
| Listeria Species | ND | /25g | MF-MICRO-14 | ND | Pass |
| Total Aerobic Plate Count | 0/10 | cfu/g | FDA BAM | 100000 | Pass |
| Total Coliforms | 0/10 | cfu/g | FDA BAM - ECC Agar | 100 | Pass |
| E. Coli | ND | /1g | FDA BAM Modified | 1 | Pass |
| Total Enterobacteriaceae | <1 | cfu/g | AOAC 2003.01 | ND | Pass |
| Staphylococcus aureus | <1 | cfu/g | AOAC 2003.07 | ND | Pass |
| Total Yeast and Mold | 0/10 | cfu/g | FDA BAM | 100000 | Pass |

Pesticide Residue Screen Pass

01/23/2026

Method: MF-CHEM-13

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

Measurement of Uncertainty

Average: ±21.40%

| Analyte | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|---------------------|---------------|----------------|-------------|--------|
| Abamectin | 0.015/0.05 | ND | 0.05 | Pass |
| Acephate | 0.003/0.01 | ND | 0.01 | Pass |
| Acequinocyl | 0.003/0.01 | ND | 0.01 | Pass |
| Acetamiprid | 0.003/0.01 | ND | 0.01 | Pass |
| Aldicarb | 0.003/0.01 | ND | 0.01 | Pass |
| Azoxystrobin | 0.003/0.01 | ND | 0.01 | Pass |
| Bifenazate | 0.003/0.01 | ND | 0.01 | Pass |
| Bifenthrin | 0.003/0.01 | ND | 0.01 | Pass |
| Boscalid | 0.003/0.01 | ND | 0.01 | Pass |
| Captan | 0.250/0.7 | ND | 0.7 | Pass |
| Carbaryl | 0.003/0.01 | ND | 0.01 | Pass |
| Carbofuran | 0.003/0.01 | ND | 0.01 | Pass |
| Chlorantraniliprole | 0.003/0.01 | ND | 0.01 | Pass |
| Chlordane | 0.020/0.06 | ND | 0.06 | Pass |
| Chlorfenapyr | 0.015/0.05 | ND | 0.05 | Pass |
| Chlorpyrifos | 0.003/0.01 | ND | 0.01 | Pass |
| Clofentezine | 0.003/0.01 | ND | 0.01 | Pass |
| Coumaphos | 0.003/0.01 | ND | 0.01 | Pass |
| Cyfluthrin | 0.015/0.05 | ND | 0.05 | Pass |
| Cypermethrin | 0.015/0.05 | ND | 0.05 | Pass |
| Daminozide | 0.003/0.01 | ND | 0.01 | Pass |
| DDVP (Dichlorvos) | 0.003/0.01 | ND | 0.01 | Pass |
| Diazinon | 0.003/0.01 | ND | 0.01 | Pass |
| Dimethoate | 0.003/0.01 | ND | 0.01 | Pass |
| Dimethomorph | 0.003/0.01 | ND | 0.01 | Pass |
| Ethoprop(hos) | 0.003/0.01 | ND | 0.01 | Pass |
| Etofenprox | 0.003/0.01 | ND | 0.01 | Pass |
| Etoxazole | 0.003/0.01 | ND | 0.01 | Pass |
| Fenhexamid | 0.007/0.02 | ND | 0.02 | Pass |
| Fenoxy carb | 0.003/0.01 | ND | 0.01 | Pass |
| Fenpyroximate | 0.007/0.02 | ND | 0.02 | Pass |
| Fipronil | 0.003/0.01 | ND | 0.01 | Pass |
| Flonicamid | 0.003/0.01 | ND | 0.01 | Pass |
| Fludioxonil | 0.003/0.01 | ND | 0.01 | Pass |
| Hexythiazox | 0.003/0.01 | ND | 0.01 | Pass |
| Imazalil | 0.003/0.01 | ND | 0.01 | Pass |

| Analyte | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|-------------------------|---------------|----------------|-------------|--------|
| Imidacloprid | 0.003/0.01 | ND | 0.01 | Pass |
| Kresoxim Methyl | 0.003/0.01 | ND | 0.01 | Pass |
| Malathion | 0.003/0.01 | ND | 0.01 | Pass |
| Metalaxyl | 0.003/0.01 | ND | 0.01 | Pass |
| Methiocarb | 0.003/0.01 | ND | 0.01 | Pass |
| Methomyl | 0.003/0.01 | ND | 0.01 | Pass |
| Methyl parathion | 0.003/0.01 | ND | 0.01 | Pass |
| Mevinphos | 0.007/0.02 | ND | 0.02 | Pass |
| Myclobutanil | 0.003/0.01 | ND | 0.01 | Pass |
| Naled | 0.003/0.01 | ND | 0.01 | Pass |
| Oxamyl | 0.003/0.01 | ND | 0.01 | Pass |
| Padlobutrazol | 0.003/0.01 | ND | 0.01 | Pass |
| Pentachloronitrobenzene | 0.003/0.01 | ND | 0.01 | Pass |
| Permethrins | 0.015/0.05 | ND | 0.05 | Pass |
| Phosmet | 0.003/0.01 | ND | 0.01 | Pass |
| Piperonyl Butoxide | 0.003/0.01 | ND | 0.01 | Pass |
| Prallethrin | 0.015/0.05 | ND | 0.05 | Pass |
| Propiconazole | 0.003/0.01 | ND | 0.01 | Pass |
| Propoxur | 0.003/0.01 | ND | 0.01 | Pass |
| Pyrethrins | 0.015/0.05 | ND | 0.05 | Pass |
| Pyridaben | 0.003/0.01 | ND | 0.01 | Pass |
| Spinetoram | 0.003/0.01 | ND | 0.01 | Pass |
| Spinosad | 0.003/0.01 | ND | 0.01 | Pass |
| Spiromesifen | 0.003/0.01 | ND | 0.01 | Pass |
| Spirotetramat | 0.003/0.01 | ND | 0.01 | Pass |
| Spiroxamine | 0.003/0.01 | ND | 0.01 | Pass |
| Tebuconazole | 0.003/0.01 | ND | 0.01 | Pass |
| Thiacloprid | 0.003/0.01 | ND | 0.01 | Pass |
| Thiamethoxam | 0.003/0.01 | ND | 0.01 | Pass |
| Trifloxystrobin | 0.003/0.01 | ND | 0.01 | Pass |
| Azadirachtin | 0.100/0.30 | ND | 0.3 | Pass |
| Chlormequat Chloride | 0.03/0.10 | ND | 0.1 | Pass |

Residual Solvent Screen  **Pass**

01/22/2026

Measurement of Uncertainty Average: ±1.43%

| 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 | 750 | Pass |
| Acetonitrile | 14/40 | ND | 60 | 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 | 387.00 | 5000 | Pass |
| Ethyl acetate | 14/40 | ND | 400 | Pass |
| Ethyl ether | 14/40 | ND | 500 | 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 | 250 | Pass |
| Methylene chloride | 0.2/0.5 | ND | 1 | Pass |
| n-Pentane | 14/40 | ND | 750 | Pass |
| Propane | 14/40 | ND | 210 | Pass |
| Toluene | 14/40 | ND | 150 | Pass |
| Total xylenes (ortho-, meta-, para-) | 14/40 | ND | 150 | Pass |
| Trichloroethylene | 0.2/0.5 | ND | 1 | Pass |

Heavy Metal Screen  **Pass**

01/22/2026

Method: MF-CHEM-16

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

Measurement of Uncertainty Average: ±4.4%

| Analyte | LOD / LOQ (µg/g) | Findings (µg/g) | Limit | Status |
|---------|------------------|-----------------|-------|--------|
| Arsenic | 0.033/0.101 | ND | 0.2 | Pass |
| Cadmium | 0.047/0.141 | ND | 0.2 | Pass |
| Mercury | 0.014/0.05 | ND | 0.1 | Pass |
| Lead | 0.107/0.324 | ND | 0.5 | Pass |

Foreign Material  **Pass**

01/20/2026

Method: MF-CHEM-7

| Analyte | Findings | Limit | Status |
|--------------------------------|----------|----------|--------|
| Sand, Soils, Cinders, and Dirt | ND | 25% | Pass |
| Mold | ND | 25% | Pass |
| Imbedded Foreign Material | ND | 25% | Pass |
| Insect Fragment | ND | 1 per 3g | Pass |
| Hair | ND | 1 per 3g | Pass |
| Mammalian Excreta | ND | 1 per 3g | Pass |

Mycotoxin Screen  **Pass**

01/23/2026

Method: MF-CHEM-13

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

Measurement of Uncertainty (MU): $\pm 20.21\%$

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

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

Reported by

 Anresco Laboratories, Inc.
 INCORPORATED
 OCTOBER 1, 1976
 CALIFORNIA

 Vu Lam
 Lab Co Director


Scan to verify