

## ANALYZED BY:

Anresco Laboratories  
1375 Van Dyke Avenue,  
San Francisco, CA 94124

## CUSTOMER:

Smoky Flower Hemp LLC  
11795 SE HWY 212 # C  
Clackamas 97015  
AG-L1095653FP/AG-L1094701HVS/AG-R1094892IHH

## MANUFACTURER:

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## SAMPLE INFORMATION

**Sample No.:** 1308565  
**Product Name:** hemp lemon  
**Matrix:** Edible (Gummy)  
**Lot #:** 1-05-27-25

**Date Collected:** 06/02/2025  
**Date Received:** 06/02/2025  
**Date Reported:** 06/24/2025

## 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  
**Water Activity:** ✔ Pass

## Cannabinoid Profile ✔ Tested

06/04/2025

**Method:** MF-CHEM-15  
**Instrument:** Liquid Chromatography Diode Array Detector (LC-DAD)  
**Limit of Detection** 0.0333 mg/g  
**Limit of Quantitation** 0.1000 mg/g

| Cannabinoid               | mg/g   | %     | mg/serving | mg/package | Labeled mg/serving | % Difference |
|---------------------------|--------|-------|------------|------------|--------------------|--------------|
| Δ8-THC                    | <LOQ   | <LOQ  | <LOQ       | <LOQ       | -                  | -            |
| Δ9-THC                    | 2.15   | 0.215 | 4.69       | 93.77      | 5                  | 6.23         |
| Δ9-THCA                   | ND     | ND    | ND         | ND         | -                  | -            |
| THCV                      | ND     | ND    | ND         | ND         | -                  | -            |
| THCVA                     | ND     | ND    | ND         | ND         | -                  | -            |
| CBD                       | 0.25   | 0.025 | 0.55       | 11.05      | -                  | -            |
| CBDA                      | ND     | ND    | ND         | ND         | -                  | -            |
| CBC                       | <LOQ   | <LOQ  | <LOQ       | <LOQ       | -                  | -            |
| CBCA                      | ND     | ND    | ND         | ND         | -                  | -            |
| CBDV                      | ND     | ND    | ND         | ND         | -                  | -            |
| CBG                       | ND     | ND    | ND         | ND         | -                  | -            |
| CBGA                      | ND     | ND    | ND         | ND         | -                  | -            |
| CBN                       | <LOQ   | <LOQ  | <LOQ       | <LOQ       | -                  | -            |
| Exo-THC                   | ND     | ND    | ND         | ND         | -                  | -            |
| (6aR,9R)-Δ10-THC          | ND     | ND    | ND         | ND         | -                  | -            |
| (6aR,9S)-Δ10-THC          | ND     | ND    | ND         | ND         | -                  | -            |
| 9(R)-Hexahydrocannabinol  | ND     | ND    | ND         | ND         | -                  | -            |
| 9(S)-Hexahydrocannabinol  | ND     | ND    | ND         | ND         | -                  | -            |
| Δ8-THC-O-Acetate          | ND     | ND    | ND         | ND         | -                  | -            |
| Δ9-THC-O-Acetate          | ND     | ND    | ND         | ND         | -                  | -            |
| THC-O-Phosphate           | NT     | NT    | NT         | NT         | -                  | -            |
| Total THC                 | 2.15   | 0.215 | 4.69       | 93.77      | -                  | -            |
| Total CBD                 | 0.25   | 0.025 | 0.55       | 11.05      | -                  | -            |
| Total Cannabinoids        | 2.41   | 0.241 | 5.24       | 104.81     | -                  | -            |
| Sum of Cannabinoids       | 2.41   | 0.241 | 5.24       | 104.81     | -                  | -            |
| <b>Serving Weight (g)</b> | 2.1782 |       |            |            |                    |              |
| <b>Package Weight (g)</b> | 43.564 |       |            |            |                    |              |

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

06/08/2025

| Analyte                   | Findings | Units | Method                   | Limit | Status |
|---------------------------|----------|-------|--------------------------|-------|--------|
| Salmonella                | ND       | cfu/g | AOAC 2016.01             | ND    | Pass   |
| STEC                      | ND       | cfu/g | Neogen MDS STEC          | ND    | Pass   |
| Aspergillus               | ND       | cfu/g | GENE- UP ASPERGILLUS PRO | ND    | Pass   |
| Listeria Species          | ND       | cfu/g | AOAC 2016.07             | ND    | Pass   |
| Total Yeast and Mold      | <10      | cfu/g | FDA BAM                  | 1,000 | Pass   |
| Total Aerobic Plate Count | <10      | cfu/g | FDA BAM                  | 100   | Pass   |
| Total Coliforms           | <10      | cfu/g | FDA BAM - ECC Agar       | 100   | Pass   |
| E. Coli                   | <10      | cfu/g | FDA BAM - ECC Agar       | 1     | Pass   |
| Total Enterobacteriaceae  | <10      | cfu/g | AOAC 2003.01             | ND    | Pass   |
| Staphylococcus aureus     | <10      | cfu/g | AOAC 2003.07             | ND    | Pass   |

**Pesticide Residue Screen** ✔ Pass

06/04/2025

**Method:** MF-CHEM-13

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

| Analyte                 | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|-------------------------|---------------|----------------|-------------|--------|
| Abamectin               | 0.015/0.05    | ND             | 0.015       | Pass   |
| Acephate                | 0.003/0.01    | ND             | 0.003       | Pass   |
| Acequinocyl             | 0.003/0.01    | ND             | 0.003       | Pass   |
| Acetamiprid             | 0.003/0.01    | ND             | 0.003       | Pass   |
| Aldicarb                | 0.003/0.01    | ND             | 0.003       | Pass   |
| Azoxystrobin            | 0.003/0.01    | ND             | 0.003       | Pass   |
| Bifenazate              | 0.003/0.01    | ND             | 0.003       | Pass   |
| Bifenthrin              | 0.003/0.01    | ND             | 0.003       | Pass   |
| Boscalid                | 0.003/0.01    | ND             | 0.003       | Pass   |
| Captan                  | 0.250/0.7     | ND             | 0.7         | Pass   |
| Carbaryl                | 0.003/0.01    | ND             | 0.003       | Pass   |
| Carbofuran              | 0.003/0.01    | ND             | 0.003       | Pass   |
| Chlorantraniliprole     | 0.003/0.01    | ND             | 0.003       | Pass   |
| Chlordane               | 0.03/0.1      | ND             | 0.1         | Pass   |
| Chlorfenapyr            | 0.015/0.05    | ND             | 0.015       | Pass   |
| Chlorpyrifos            | 0.003/0.01    | ND             | 0.003       | Pass   |
| Clofentezine            | 0.003/0.01    | ND             | 0.003       | Pass   |
| Coumaphos               | 0.003/0.01    | ND             | 0.003       | Pass   |
| Cyfluthrin              | 0.015/0.05    | ND             | 0.015       | Pass   |
| Cypermethrin            | 0.015/0.05    | ND             | 0.015       | Pass   |
| Daminozide              | 0.003/0.01    | ND             | 0.003       | Pass   |
| DDVP (Dichlorvos)       | 0.003/0.01    | ND             | 0.003       | Pass   |
| Diazinon                | 0.003/0.01    | ND             | 0.003       | Pass   |
| Dimethoate              | 0.003/0.01    | ND             | 0.003       | Pass   |
| Dimethomorph            | 0.003/0.01    | ND             | 0.003       | Pass   |
| Ethoprop(hos)           | 0.003/0.01    | ND             | 0.003       | Pass   |
| Etofenprox              | 0.003/0.01    | ND             | 0.003       | Pass   |
| Etoxazole               | 0.003/0.01    | ND             | 0.003       | Pass   |
| Fenhexamid              | 0.007/0.02    | ND             | 0.007       | Pass   |
| Fenoxycarb              | 0.003/0.01    | ND             | 0.003       | Pass   |
| Fenpyroximate           | 0.007/0.02    | ND             | 0.007       | Pass   |
| Fipronil                | 0.003/0.01    | ND             | 0.003       | Pass   |
| Flonicamid              | 0.003/0.01    | ND             | 0.003       | Pass   |
| Fludioxonil             | 0.003/0.01    | ND             | 0.003       | Pass   |
| Hexythiazox             | 0.003/0.01    | ND             | 0.003       | Pass   |
| Imazalil                | 0.003/0.01    | ND             | 0.003       | Pass   |
| Imidacloprid            | 0.003/0.01    | ND             | 0.003       | Pass   |
| Kresoxim Methyl         | 0.003/0.01    | ND             | 0.003       | Pass   |
| Malathion               | 0.003/0.01    | ND             | 0.003       | Pass   |
| Metalaxyl               | 0.003/0.01    | ND             | 0.003       | Pass   |
| Methiocarb              | 0.003/0.01    | ND             | 0.003       | Pass   |
| Methomyl                | 0.003/0.01    | ND             | 0.003       | Pass   |
| Methyl parathion        | 0.003/0.01    | ND             | 0.003       | Pass   |
| Mevinphos               | 0.007/0.02    | ND             | 0.007       | Pass   |
| Myclobutanil            | 0.003/0.01    | ND             | 0.003       | Pass   |
| Naled                   | 0.003/0.01    | ND             | 0.003       | Pass   |
| Oxamyl                  | 0.003/0.01    | ND             | 0.003       | Pass   |
| Paclobutrazol           | 0.003/0.01    | ND             | 0.003       | Pass   |
| Pentachloronitrobenzene | 0.003/0.01    | ND             | 0.003       | Pass   |
| Permethrins             | 0.015/0.05    | ND             | 0.015       | Pass   |
| Phosmet                 | 0.003/0.01    | ND             | 0.003       | Pass   |

| Analyte                            | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|------------------------------------|---------------|----------------|-------------|--------|
| Piperonyl Butoxide                 | 0.003/0.01    | ND             | 0.003       | Pass   |
| Prallethrin                        | 0.015/0.05    | ND             | 0.015       | Pass   |
| Propiconazole                      | 0.003/0.01    | ND             | 0.003       | Pass   |
| Propoxur                           | 0.003/0.01    | ND             | 0.003       | Pass   |
| Pyrethrins                         | 0.015/0.05    | ND             | 0.015       | Pass   |
| Pyridaben                          | 0.003/0.01    | ND             | 0.003       | Pass   |
| Spinetoram                         | 0.003/0.01    | ND             | 0.003       | Pass   |
| Spinosad                           | 0.003/0.01    | ND             | 0.003       | Pass   |
| Spiromesifen                       | 0.003/0.01    | ND             | 0.003       | Pass   |
| Spirotetramat                      | 0.003/0.01    | ND             | 0.003       | Pass   |
| Spiroxamine                        | 0.003/0.01    | ND             | 0.003       | Pass   |
| Tebuconazole                       | 0.003/0.01    | ND             | 0.003       | Pass   |
| Thiacloprid                        | 0.003/0.01    | ND             | 0.003       | Pass   |
| Thiamethoxam                       | 0.003/0.01    | ND             | 0.003       | Pass   |
| Trifloxystrobin                    | 0.003/0.01    | ND             | 0.003       | Pass   |
| 2-Phenylphenol                     | 0.08/0.25     | ND             | 0.25        | Pass   |
| 3,4-Dichloroaniline                | 0.08/0.25     | ND             | 0.25        | Pass   |
| Acetochlor                         | 0.05/0.15     | ND             | 0.5         | Pass   |
| Alachlor                           | 0.05/0.15     | ND             | 0.25        | Pass   |
| Allethrin                          | 0.015/0.05    | ND             | 0.015       | Pass   |
| Ametryn                            | 0.03/0.10     | ND             | 0.5         | Pass   |
| Aminocarb                          | 0.03/0.10     | ND             | 0.25        | Pass   |
| Ancymidol                          | 0.02/0.06     | ND             | 0.06        | Pass   |
| Anthraquinone                      | 0.05/0.15     | ND             | 0.25        | Pass   |
| Atrazine                           | 0.007/0.02    | ND             | 0.007       | Pass   |
| Azadirachtin                       | 0.100/0.30    | ND             | 0.1         | Pass   |
| Benzovindiflupyr                   | 0.003/0.01    | ND             | 0.003       | Pass   |
| Biphenyl                           | 0.08/0.25     | ND             | 0.25        | Pass   |
| Buprofezin                         | 0.003/0.01    | ND             | 0.003       | Pass   |
| Carbendazim                        | 0.03/0.10     | ND             | 0.5         | Pass   |
| Chlormequat Chloride               | 0.03/0.10     | ND             | 0.1         | Pass   |
| Clothianidin                       | 0.03/0.10     | ND             | 0.003       | Pass   |
| Cyantraniliprole                   | 0.003/0.01    | ND             | 0.003       | Pass   |
| Cycloate                           | 0.08/0.25     | ND             | 0.5         | Pass   |
| Cyhalothrin (Lambda)               | 0.030/0.10    | ND             | 0.03        | Pass   |
| Cyprodinil                         | 0.03/0.10     | ND             | 0.03        | Pass   |
| Cyromazine                         | 0.03/0.10     | ND             | 0.5         | Pass   |
| DCPA (Dacthal, Chlorthal-dimethyl) | 0.03/0.10     | ND             | 0.5         | Pass   |
| Deltamethrin I/II                  | 0.015/0.05    | ND             | 0.015       | Pass   |
| Diclobutrazol                      | 0.02/0.06     | ND             | 0.5         | Pass   |
| Diflubenzuron                      | 0.08/0.25     | ND             | 0.5         | Pass   |
| Dinotefuran                        | 0.007/0.02    | ND             | 0.007       | Pass   |
| Diphenylamine                      | 0.08/0.25     | ND             | 0.5         | Pass   |
| Diuron                             | 0.007/0.02    | ND             | 0.007       | Pass   |
| Dodemorph                          | 0.003/0.01    | ND             | 0.003       | Pass   |
| Endosulfan I (alpha)               | 0.015/0.05    | ND             | 0.015       | Pass   |
| Endosulfan II (beta)               | 0.015/0.05    | ND             | 0.015       | Pass   |
| Endosulfan Sulfate                 | 0.015/0.05    | ND             | 0.015       | Pass   |
| Ethirimol                          | 0.02/0.06     | ND             | 0.5         | Pass   |
| Etridiazole                        | 0.003/0.01    | ND             | 0.003       | Pass   |
| Fensulfothion                      | 0.003/0.01    | ND             | 0.003       | Pass   |
| Fenthion                           | 0.003/0.01    | ND             | 0.003       | Pass   |
| Fenvalerate                        | 0.015/0.05    | ND             | 0.015       | Pass   |
| Fluopyram                          | 0.003/0.01    | ND             | 0.003       | Pass   |
| Flurprimidol                       | 0.03/0.10     | ND             | 0.1         | Pass   |
| Flutriafol                         | 0.05/0.15     | ND             | 0.5         | Pass   |
| Formetanate HCl                    | 0.03/0.10     | ND             | 0.1         | Pass   |
| Hexaconazole                       | 0.05/0.15     | ND             | 0.5         | Pass   |
| Hydramethylnon                     | 0.05/0.15     | ND             | 0.5         | Pass   |
| Indole-3-butyric Acid              | 0.08/0.25     | ND             | 0.25        | Pass   |
| Indoxacarb                         | 0.05/0.15     | ND             | 0.5         | Pass   |
| Iprodione                          | 0.015/0.05    | ND             | 0.015       | Pass   |
| Kinoprene                          | 0.015/0.05    | ND             | 0.015       | Pass   |
| Mandipropamid                      | 0.03/0.10     | ND             | 0.5         | Pass   |
| Metaflumizone                      | 0.08/0.25     | ND             | 0.5         | Pass   |
| Methoprene                         | 0.100/0.30    | ND             | 0.1         | Pass   |
| Methoxyfenozide                    | 0.02/0.06     | ND             | 0.5         | Pass   |
| Metolachlor                        | 0.05/0.15     | ND             | 0.25        | Pass   |
| MGK 264                            | 0.015/0.05    | ND             | 0.015       | Pass   |
| Novaluron                          | 0.007/0.02    | ND             | 0.007       | Pass   |

| Analyte            | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|--------------------|---------------|----------------|-------------|--------|
| Nuarimol           | 0.05/0.15     | ND             | 0.5         | Pass   |
| o,p'-DDD           | 0.03/0.10     | ND             | 0.1         | Pass   |
| o,p'-DDE           | 0.03/0.10     | ND             | 0.1         | Pass   |
| o,p'-DDT           | 0.03/0.10     | ND             | 0.1         | Pass   |
| p,p'-DDD           | 0.03/0.10     | ND             | 0.1         | Pass   |
| p,p'-DDE           | 0.03/0.10     | ND             | 0.1         | Pass   |
| p,p'-DDT           | 0.03/0.10     | ND             | 0.1         | Pass   |
| Pendimethalin      | 0.030/0.10    | ND             | 0.1         | Pass   |
| Pentachloroanisole | 0.10/0.30     | ND             | 0.5         | Pass   |
| Phenothrin         | 0.030/0.10    | ND             | 0.03        | Pass   |
| Pirimicarb         | 0.003/0.01    | ND             | 0.003       | Pass   |
| Prometryne         | 0.02/0.06     | ND             | 0.5         | Pass   |
| Propamocarb        | 0.08/0.25     | ND             | 0.5         | Pass   |
| Propargite         | 0.08/0.25     | ND             | 0.5         | Pass   |
| Propyzamide        | 0.05/0.15     | ND             | 0.5         | Pass   |
| Pymetrozine        | 0.03/0.10     | ND             | 0.5         | Pass   |
| Pyraclostrobin     | 0.003/0.007   | ND             | 0.01        | Pass   |
| Pyrimethanil       | 0.03/0.10     | ND             | 0.5         | Pass   |
| Pyriproxyfen       | 0.003/0.01    | ND             | 0.003       | Pass   |
| Quinoxifen         | 0.03/0.10     | ND             | 0.5         | Pass   |
| Resmethrin         | 0.007/0.02    | ND             | 0.007       | Pass   |
| Spirodiclofen      | 0.050/0.15    | ND             | 0.05        | Pass   |
| Sulfoxaflor        | 0.03/0.10     | ND             | 0.25        | Pass   |
| Tau-Fluvalinate    | 0.08/0.25     | ND             | 0.5         | Pass   |
| Tebufenozide       | 0.003/0.01    | ND             | 0.003       | Pass   |
| Teflubenzuron      | 0.007/0.02    | ND             | 0.007       | Pass   |
| Terbutryn          | 0.02/0.06     | ND             | 0.25        | Pass   |
| Tetrachlorvinphos  | 0.003/0.01    | ND             | 0.003       | Pass   |
| Tetramethrin       | 0.015/0.05    | ND             | 0.015       | Pass   |
| Thiabendazole      | 0.007/0.02    | ND             | 0.007       | Pass   |
| Thiobencarb        | 0.03/0.10     | ND             | 0.5         | Pass   |
| Thiophanate-methyl | 0.007/0.02    | ND             | 0.007       | Pass   |
| Tricyclazole       | 0.02/0.06     | ND             | 0.5         | Pass   |
| Triflumizole       | 0.05/0.15     | ND             | 0.5         | Pass   |

## Residual Solvent Screen ✓ Pass

06/04/2025

Method: MF-CHEM-32

Instrument: Gas Chromatography Mass Spectrometry (GC/MS)

| Analyte                              | LOD/LOQ (ppm) | Findings (ppm) | Limit (ppm) | Status |
|--------------------------------------|---------------|----------------|-------------|--------|
| 1,2-Dichloroethane                   | 0.5/0.5       | ND             | 1           | Pass   |
| Acetone                              | 57/200        | ND             | 5000        | Pass   |
| Acetonitrile                         | 56/200        | ND             | 410         | Pass   |
| Benzene                              | 0.5/0.5       | ND             | 1           | Pass   |
| n-Butane                             | 45/200        | ND             | 5000        | Pass   |
| Chloroform                           | 0.5/0.5       | ND             | 1           | Pass   |
| Ethanol                              | 37/200        | ND             | 5000        | Pass   |
| Ethyl acetate                        | 38/200        | ND             | 5000        | Pass   |
| Ethyl ether                          | 37/200        | ND             | 5000        | Pass   |
| Ethylene oxide                       | 0.1/0.5       | ND             | 1           | Pass   |
| n-Heptane                            | 135/200       | ND             | 5000        | Pass   |
| n-Hexane                             | 49/200        | ND             | 290         | Pass   |
| Isopropyl alcohol                    | 57/200        | ND             | 5000        | Pass   |
| Methanol                             | 37/200        | <LOQ           | 3000        | Pass   |
| Methylene chloride                   | 0.1/0.5       | ND             | 1           | Pass   |
| n-Pentane                            | 37/200        | ND             | 5000        | Pass   |
| Propane                              | 72/200        | ND             | 5000        | Pass   |
| Toluene                              | 49/200        | ND             | 890         | Pass   |
| Total xylenes (ortho-, meta-, para-) | 58/200        | ND             | 2170        | Pass   |
| Trichloroethylene                    | 0.5/0.5       | ND             | 1           | Pass   |

## Heavy Metal Screen ✔ Pass

06/04/2025

**Method:** MF 24E020

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

| Analyte | LOD / LOQ (µg/g) | Findings (µg/g) | Limit | Status |
|---------|------------------|-----------------|-------|--------|
| Arsenic | 0.02/0.05        | ND              | 0.2   | Pass   |
| Cadmium | 0.02/0.05        | ND              | 0.2   | Pass   |
| Mercury | 0.02/0.05        | ND              | 0.1   | Pass   |
| Lead    | 0.02/0.05        | ND              | 0.5   | Pass   |

## Foreign Material ✔ Pass

06/04/2025

**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

06/04/2025

**Method:** MF-CHEM-13

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

| Analyte          | LOD/LOQ (ppb) | Findings (ppb) | Limit (ppb) | 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   |

## Water Activity

06/04/2025

**Method:** MF-CHEM-14

**Instrument:** Water Activity Meter

| Analyte        | Findings | Limit | Status |
|----------------|----------|-------|--------|
| Water Activity | 0.65     | 0.85  | Pass   |

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

Reported by

  
 Zachary Eisenberg  
 Vice President


Scan to verify