# Certificate of Analysis

## 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:

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




## 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 | **Microbiological Screen:** | Pass |
| **Pesticide Residue Screen:** | Pass | **Residual Solvent Screen:** | Pass |
| **Heavy Metal Screen:** | Pass | **Foreign Material:** | Pass |
| **Mycotoxin Screen:** | 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 | - | - |
| **Serving Weight (g)** | 2.1782 | | | | | |
| **Package Weight (g)** | 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)]



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## 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 |



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| 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 |



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| 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 |
| Quinoxyfen | 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 |



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## 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



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