New Bloom Labs
6121 Heritage Park Dr.
Chattanooga, TN 37416

(844) 837-8223
http://newbloomlabs.com
ISO/IEC 17025:2017 Testing Laboratory Cert# AT-2868



# Chatt CBD -- Lemon Drop

**Sample ID: 2608NBL1455.4015**
Matrix: Ingestible
Type: Soft Chew
Sample Size:
Date Collected:

Received: 08/24/2026
Completed: 09/03/2026
Expires: 09/03/2027
External Lot ID:
Batch#: 18-001-CCD910

Client
**Alkane Analytics**
Lic. #
P.O. Box 999 Harrison, TN 37341
(423) 838-7038 alkane.analytics@gmail.com




## Summary

| Test | Date Tested | Result |
|---|---|---|
| Cannabinoids | 08/24/2026 | Complete |
| Residual Solvents | 08/26/2026 | Complete |
| Microbials | 08/26/2026 | Complete |
| Mycotoxins | 08/28/2026 | Complete |
| Pesticides | 08/28/2026 | Complete |
| Heavy Metals | 08/31/2026 | Complete |
| Foreign Matter | 08/24/2026 | Not Detected |

## Cannabinoids

Complete

| 10.387 mg/serving | 0.292% | ND | 10.387 mg/serving |
|---|---|---|---|
| Total Δ9-THC | Δ9-THC | Total CBD | Total Cannabinoids |

| Analyte | LOD | LOQ | Result | Result | Result |
|---|---|---|---|---|---|
| | mg/serving | mg/serving | mg/serving | mg/container | % |
| (6aR,9R)-d10-THC | 0.1716 | 0.257 | ND | ND | ND |
| 9R-HHC | 0.1716 | 0.257 | ND | ND | ND |
| (6aR,9S)-d10-THC | 0.1716 | 0.257 | ND | ND | ND |
| 9S-HHC | 0.1716 | 0.257 | ND | ND | ND |
| CBC | 0.1716 | 0.257 | ND | ND | ND |
| CBCa | 0.1716 | 0.257 | ND | ND | ND |
| CBD | 0.1716 | 0.257 | ND | ND | ND |
| CBDa | 0.1716 | 0.257 | ND | ND | ND |
| CBDV | 0.1716 | 0.257 | ND | ND | ND |
| CBDVa | 0.1716 | 0.257 | ND | ND | ND |
| CBG | 0.1716 | 0.257 | ND | ND | ND |
| CBGa | 0.1716 | 0.257 | ND | ND | ND |
| CBN | 0.1716 | 0.257 | <LOQ | <LOQ | <LOQ |
| CBNa | 0.1716 | 0.257 | ND | ND | ND |
| Δ8-THC | 0.1716 | 0.257 | ND | ND | ND |
| Δ9-THC | 0.1716 | 0.257 | 10.387 | 207.73262 | 0.292 |
| THCa | 0.1716 | 0.257 | ND | ND | ND |
| THCp | 0.1716 | 0.257 | ND | ND | ND |
| THCV | 0.1716 | 0.257 | ND | ND | ND |
| THCVa | 0.1716 | 0.257 | ND | ND | ND |
| **Total THC** | | | **10.387** | **207.73262** | **0.292** |
| **Total CBD** | | | **ND** | **ND** | **ND** |
| **Total** | | | **10.387** | **207.73262** | **0.292** |

Date Tested: 08/24/2026
1 Container = 20 Gummies; Serving Mass: 3.553 g; 20 servings per container; 207.7 mg THC per container; 1 Serving = 1 Gummy
Testing Method: HPLC-UV, CON-P-3000; Validation Date: 05/2019.
Total Δ9-THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; LOD = Limit of Detection; ND = Not Detected; The decision rule is employed; the uncertainty measurement is not included in the reported result. The values for Measurement Uncertainty are available upon request.

Ashley Phillips
Laboratory Director
09/03/2026

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## Pesticides

Complete

| Analyte | LOQ | LOD | Limit | Result | Status | Analyte | LOQ | LOD | Limit | Result | Status |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | PPM | PPM | PPM | PPM | | | PPM | PPM | PPM | PPM | |
| Abamectin | 0.101 | 0.029 | | ND | Tested | Fludioxonil | 0.097 | 0.029 | | ND | Tested |
| Acephate | 0.097 | 0.029 | | ND | Tested | Hexythiazox | 0.097 | 0.029 | | ND | Tested |
| Acequinocyl | 0.097 | 0.029 | | ND | Tested | Imazalil | 0.097 | 0.029 | | ND | Tested |
| Acetamiprid | 0.097 | 0.029 | | ND | Tested | Imidacloprid | 0.097 | 0.029 | | ND | Tested |
| Aldicarb | 0.097 | 0.029 | | ND | Tested | Kresoxim Methyl | 0.097 | 0.029 | | ND | Tested |
| Azoxystrobin | 0.097 | 0.029 | | ND | Tested | Malathion | 0.097 | 0.029 | | ND | Tested |
| Bifenazate | 0.097 | 0.029 | | ND | Tested | Metalaxyl | 0.097 | 0.029 | | ND | Tested |
| Bifenthrin | 0.097 | 0.029 | | ND | Tested | Methiocarb | 0.097 | 0.029 | | ND | Tested |
| Boscalid | 0.097 | 0.029 | | ND | Tested | Methomyl | 0.097 | 0.029 | | ND | Tested |
| Captan | 0.390 | 0.117 | | ND | Tested | Mevinphos | 0.097 | 0.029 | | ND | Tested |
| Carbaryl | 0.097 | 0.029 | | ND | Tested | Myclobutanil | 0.097 | 0.029 | | ND | Tested |
| Carbofuran | 0.097 | 0.029 | | ND | Tested | Naled | 0.244 | 0.074 | | ND | Tested |
| Chlorantraniliprole | 0.097 | 0.029 | | ND | Tested | Oxamyl | 0.097 | 0.029 | | ND | Tested |
| Chlordane | 0.078 | 0.023 | | ND | Tested | Paclobutrazol | 0.097 | 0.029 | | ND | Tested |
| Chlorfenapyr | 0.078 | 0.023 | | ND | Tested | Methyl Parathion | 0.078 | 0.023 | | ND | Tested |
| Chlormequat | 0.097 | 0.029 | | ND | Tested | Pentachloronitrobenzene | 0.078 | 0.023 | | ND | Tested |
| Chlorpyrifos | 0.097 | 0.029 | | ND | Tested | Permethrins | 0.097 | 0.029 | | ND | Tested |
| Clofentezine | 0.097 | 0.029 | | ND | Tested | Phosmet | 0.097 | 0.029 | | ND | Tested |
| Coumaphos | 0.097 | 0.029 | | ND | Tested | Piperonyl Butoxide | 0.097 | 0.029 | | ND | Tested |
| Cyfluthrin | 0.078 | 0.023 | | ND | Tested | Prallethrin | 0.097 | 0.029 | | ND | Tested |
| Cypermethrin | 0.078 | 0.023 | | ND | Tested | Propiconazole | 0.097 | 0.029 | | ND | Tested |
| Daminozide | 0.097 | 0.029 | | ND | Tested | Propoxur | 0.097 | 0.029 | | ND | Tested |
| Diazinon | 0.097 | 0.029 | | ND | Tested | Pyrethrins | 0.487 | 0.146 | | ND | Tested |
| Dichlorvos | 0.049 | 0.016 | | ND | Tested | Pyridaben | 0.097 | 0.029 | | ND | Tested |
| Dimethoate | 0.097 | 0.029 | | ND | Tested | Spinetoram | 0.097 | 0.029 | | ND | Tested |
| Dimethomorph | 0.094 | 0.029 | | ND | Tested | Spinosad | 0.099 | 0.029 | | ND | Tested |
| Ethoprophos | 0.097 | 0.029 | | ND | Tested | Spiromesifen | 0.097 | 0.029 | | ND | Tested |
| Etofenprox | 0.097 | 0.029 | | ND | Tested | Spirotetramat | 0.097 | 0.029 | | ND | Tested |
| Etoxazole | 0.097 | 0.029 | | ND | Tested | Spiroxamine | 0.097 | 0.029 | | ND | Tested |
| Fenhexamid | 0.097 | 0.029 | | ND | Tested | Tebuconazole | 0.097 | 0.029 | | ND | Tested |
| Fenoxycarb | 0.097 | 0.029 | | ND | Tested | Thiacloprid | 0.097 | 0.029 | | ND | Tested |
| Fenpyroximate | 0.097 | 0.029 | | ND | Tested | Thiamethoxam | 0.097 | 0.029 | | ND | Tested |
| Fipronil | 0.097 | 0.029 | | ND | Tested | Trifloxystrobin | 0.097 | 0.029 | | ND | Tested |
| Flonicamid | 0.097 | 0.029 | | ND | Tested | | | | | | |

Date Tested: 08/28/2026
Testing Method: LC/MS/MS, CON-P-5000; Validation Date: 04/2020. Testing Method: GC/MS/MS, CON-P-12000; Validation Date: 05/2025.

Ashley Phillips
Laboratory Director
09/03/2026

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## Microbials

Complete

| Analyte | LOD | Result | Status |
|---|---|---|---|
| | CFU/g | | |
| Shiga Toxin-producing E. Coli | 1.000 | ND | Tested |
| Salmonella | 1.000 | ND | Tested |
| Aspergillus spp. (A. flavus, A. fumigatus, A. terreus, A. niger) | 1.000 | ND | Tested |

Testing Method: qPCR, CON-P-6000; Validation Date: 01/2021.

| Analyte | LOD | Result | Status |
|---|---|---|---|
| | CFU/g | CFU/g | |
| Aerobic Bacteria | 9 | ND | Tested |
| Enterobacteriaceae (BTGN) | 9 | ND | Tested |
| Coliforms | 9 | ND | Tested |
| Yeast & Mold | 9 | ND | Tested |
| E. Coli | 9 | ND | Tested |

Testing Method: Petrifilms, CON-P-9000; Validation Date: 12/2021.

Date Tested: 08/26/2026
CFU = Colony Forming Units, Cq = Quantification Cycle, ND = Not Detected, LOD = Limit of Detection, ND = Not Detected

## Mycotoxins

Complete

| Analyte | LOD | LOQ | Limit | Result | Status |
|---|---|---|---|---|---|
| | PPB | PPB | PPB | PPB | |
| B1 | 1.6 | 4.9 | | ND | Tested |
| B2 | 1.6 | 4.9 | | ND | Tested |
| G1 | 1.6 | 4.9 | | ND | Tested |
| G2 | 1.6 | 4.9 | | ND | Tested |
| Total Aflatoxins | 1.6 | 4.9 | | ND | Tested |
| Ochratoxin A | 5.8 | 19.5 | | ND | Tested |

Date Tested: 08/28/2026
Testing Method: LC/MS/MS, CON-P-5000; Validation Date: 04/2020.

## Heavy Metals

Complete

| Analyte | LOD | LOQ | Limit | Result | Status |
|---|---|---|---|---|---|
| | PPM | PPM | PPM | PPM | |
| Arsenic | 0.048 | 0.095 | | ND | Tested |
| Cadmium | 0.048 | 0.095 | | ND | Tested |
| Lead | 0.048 | 0.095 | | ND | Tested |
| Mercury | 0.048 | 0.095 | | ND | Tested |
| Palladium | 0.048 | 0.238 | | ND | Tested |
| Selenium | 0.048 | 0.095 | | ND | Tested |

Date Tested: 08/31/2026
Testing Method: ICP/MS, CON-P-7000; Validation Date: 09/2020.

Ashley Phillips
Laboratory Director
09/03/2026

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## Residual Solvents

Complete

| Analyte | LOD | LOQ | Limit | Result | Status |
|---|---|---|---|---|---|
| | PPM | PPM | PPM | PPM | |
| Acetone | 81.522 | 271.739 | | ND | Tested |
| Benzene | 0.326 | 1.087 | | ND | Tested |
| n-Butane | 75.000 | 250.000 | | ND | Tested |
| Isobutane | 75.000 | 250.000 | | ND | Tested |
| Ethanol | 81.522 | 271.739 | | ND | Tested |
| Ethyl Acetate | 81.522 | 271.739 | | ND | Tested |
| Heptane | 81.522 | 271.739 | | ND | Tested |
| n-Hexane | 1.630 | 5.435 | | ND | Tested |
| 2,2-Dimethylbutane | 1.630 | 5.435 | | ND | Tested |
| 3-Methylpentane | 1.630 | 5.435 | | ND | Tested |
| 2-Methylpentane/2,3-Dimethylbutane | 3.261 | 10.870 | | ND | Tested |
| Methanol | 32.609 | 108.696 | | ND | Tested |
| Isopentane | 75.000 | 250.000 | | ND | Tested |
| n-Pentane | 32.609 | 108.696 | | ND | Tested |
| Neopentane | 75.000 | 250.000 | | ND | Tested |
| 2-Propanol | 81.522 | 271.739 | | ND | Tested |
| Propane | 326.087 | 1086.957 | | ND | Tested |
| Toluene | 0.163 | 0.543 | | ND | Tested |
| Ethylbenzene | 0.163 | 0.543 | | ND | Tested |
| m/p-Xylene | 0.163 | 0.543 | | ND | Tested |
| o-Xylene | 0.163 | 0.543 | | ND | Tested |
| 1,1-Dichloroethene | 0.652 | 2.174 | | ND | Tested |
| 1,2-Dichloroethane | 0.652 | 2.174 | | ND | Tested |
| Ethylene Oxide | 1.630 | 5.435 | | ND | Tested |
| Acetonitrile | 6.522 | 21.739 | | ND | Tested |
| Chloroform | 0.652 | 2.174 | | ND | Tested |
| Ethyl Ether | 81.522 | 271.739 | | ND | Tested |
| Dichloromethane | 32.609 | 108.696 | | ND | Tested |
| Trichloroethene | 6.522 | 21.739 | | ND | Tested |
| 2,3-Butanedione | 32.609 | 108.696 | | ND | Tested |

Date Tested: 08/26/2026
Testing Method: HS-GC/MS, CON-P-8000; Validation Date: 09/2020.

Ashley Phillips
Laboratory Director
09/03/2026

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