



**LEMON CAKE GUMMY**

Sample Matrix:  
 CBD/HEMP  
 Edibles  
 (Ingestion)

Compliance Test

**Certificate of Analysis**

**Client Information:**

**Midwest Botanical Coalition 2730**

**Summer St NE**

**Minneapolis, Minnesota 55414** Order #

MID231128-020001

Batch # GUMD905TPWC112223-LANC Batch Date: 2023-11-28 Production Date: 2023-11-22

2023-11-28

Extracted From: HEMP

Sampling Date: 2023-11-29

Net Weight: 21.058 g Number of Units: 1

Test Reg State: Florida Production Facility: MN

Order Date: 2023-11-28 Sample #

AAFB792

Lab Batch Date: 2023-11-29 Completion Date: 2023-12-04

Initial Gross Weight: 28.158 g

Sampling Method: MSP7.3.1

Net Weight per Unit: 4000.000 mg



Product Image  
10

Potency **Passed**

Microbiology (qPCR) **Passed**

**Passed**

**Summary**

Residual Solvents **Passed**

Potency Tested

Pesticides **Passed**

Pathogenic Microbiology **Passed**

**Tested**

Potency

Heavy Metals **Passed**

Mycotoxins  
SOP13.001 (LCUV)

0.129% **5.160 mg** Total Active CBD

Specimen Weight: 1500.300 mg  
 Pieces For Panel: 5 LOQ (%)

Total Active THC

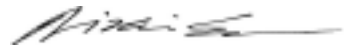
\_ NoneDetected Total CBN

Total CBG  
 \_ NoneDetected

Analyte Dilution (1:n)  
 LOD (%)

Result  
 (mg/g)(%)

Delta-9 THC 10.000 1.30E-5 0.015 1.290 0.129 CBC 10.000  
1.80E-5 0.015 <LOQ <LOQ CBD 10.000 5.40E-5 0.015 <LOQ <LOQ  
CBDA 10.000 1.00E-5 0.015 <LOQ <LOQ CBDV 10.000 6.50E-5  
0.015 <LOQ <LOQ CBG 10.000 2.48E-4 0.015 <LOQ <LOQ CBGA  
10.000 8.00E-5 0.015 <LOQ <LOQ CBN 10.000 1.40E-5 0.015  
<LOQ <LOQ THCA-A 10.000 3.20E-5 0.015 <LOQ <LOQ THCV  
10.000 7.00E-6 0.015 <LOQ <LOQ Total Active CBD 10.000 <LOQ  
<LOQ Total Active THC 10.000 1.290 0.129 **0.129% 5.160 mg**

  
Lab Director/Principal Scientist  
A Xia Sun

D.H.Sc., M.Sc., B.Sc., MT (AAB)

**Other Cannabinoids 0%**

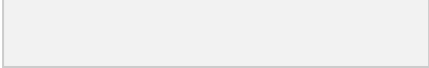
**Total Cannabinoids**



**Definitions and Abbreviations used in this report:** Total Active CBD = CBD + (CBD-A \* 0.877), \*Total CBDV = CBDV + (CBDVA \* 0.87), Total Active THC = THCA-A \* 0.877 + Delta 9-THC; Total THC = THC + (THCVA \* 0.87), CBG Total = (CBGA \* 0.877) + CBG, CBN Total = (CBNA \* 0.877) + CBN, Total CBC = CBC + (CBCA \* 0.877), Total THC-O-Acetate = Delta 8 THC-O-Acetate + Delta 9 THC-O-Acetate, Total THCP = Delta8-THCP + Delta9-THCP, Other Cannabinoids Total = Total Cannabinoids - All the listed cannabinoids on the summary section, Total Detected Cannabinoids = Delta6a10a-THC + Delta8-THC + Total CBN + CBT + CBE + Delta8-THCV + Total CBG + Total CBD + Total THC + CBL + Total THC + Total CBC + Total CBDV + Delta10-THC + Total THC-O-Acetate + Total THCP (mg/ml) = Milligrams per Milliliter, LOQ = Limit of Quantitation, LOD = Limit of Detection, Dilution = Dilution Factor (ppb) = Parts per Billion, (%) = Percent, (cfu/g) = Colony Forming Unit per Gram (cfu/g) = Colony Forming Unit per Gram, LOD = Limit of Detection, (µg/g) = Microgram per Gram (ppm) = Parts per Million, (ppm) = (µg/g), (aw) = Water Activity, (mg/Kg) = Milligram per Kilogram, ACS uses simple acceptance criteria. Passed - Analyte/microbe is not detected or is at the level below the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. Failed - Analyte/microbe is at the level that equal or above the action limit per FL rule 64ER20-39, 5K-4.036, 5K-4.034. **4.034 Sample not received via laboratory sampling.**

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Sun City Center, FL 33573 [www.acslabcannabis.com](http://www.acslabcannabis.com) DEA No. RA0571996 FL License # CMTL-0003 CLIA No. 10D1094068

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(Ingestion)

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Production Date: 2023-11-22  
Extracted From: HEMP  
Sampling Date: 2023-11-29

Production Date: 2023-11-22

Net Weight: 21.058 g Number of Units: 1

Test Reg State: Florida Production Facility: MN

Order Date: 2023-11-28 Sample # AAFB792

Net Weight per Unit: 4000.000 mg  
Sampling Method: MSP7.3.1

Analyte Action Level

**Passed**  
SOP13.017 (qPCR)

Pathogenic Microbiology SAE (MicroArray)

Specimen Weight: 1025.690 mg  
Dilution Factor: 1.000

Lab Batch Date: 2023-11-29 Completion Date: 2023-12-04

Total Yeast and Mold  
Specimen Weight: 514.540 mg  
Dilution Factor: 1.000

Result

**Passed** SOP13.019 (Micro Array)

Initial Gross Weight: 28.158 g

(cfu/g)

(cfu/g) Remark

Analyte Result

Analyte Result



Total Yeast/Mold 100000 <LOQ Passed

[Redacted Signature]

Lab Director/Principal Scientist  
Aixia Sun

D.H.Sc., M.Sc., B.Sc., MT (AAB)

Definitions are found on page 1

(cfu/g)

Aspergillus flavus **Absence in 1g** Aspergillus fumigatus **Absence in 1g**  
Aspergillus niger **Absence in 1g**

(cfu/g)

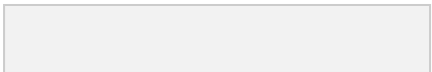
Aspergillus terreus **Absence in 1g** Salmonella **Absence in 1g**  
STEC E. Coli **Absence in 1g**



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2023-11-28

Extracted From: HEMP

Sampling Date: 2023-11-29

Test Reg State: Florida Production Facility: MN

Dilution Factor: 202

Production Date: 2023-11-22

Net Weight: 21.058 g ~~Number of Units: 1~~

Order Date: 2023-11-28

Sample # AAEB792



Heavy Metals

Specimen Weight: 247.520 mg

Lab Batch Date: 2023-11-29

Completion Date: 2023-12-04

~~Initial Gross Weight: 28.159 g~~

Passed

SOP13.048 (ICP-MS)

Net Weight per Unit: 4000.000 mg

Sampling Method: MSP7.3.1



1,1-Dichloroethene 0.0094 0.16 8 <LOQ 1,2-Dichloroethane 0.0003 0.04 5 <LOQ Acetone 0.015  
2.08 5000 <LOQ Acetonitrile 0.06 1.17 410 <LOQ Benzene 0.0002 0.02 2 <LOQ Butanes 0.4167 2.5  
2000 <LOQ Chloroform 0.0001 0.04 60 <LOQ Ethanol 0.0021 2.78 5000 <LOQ Ethyl Acetate  
0.0012 1.11 5000 <LOQ Ethyl Ether 0.0049 1.39 5000 <LOQ Ethylene Oxide 0.0038 0.1 5 <LOQ

[Redacted]

Lab Director/Principal Scientist, Xixia Sun

D.H.Sc., M.Sc., B.Sc., MT (AAB)

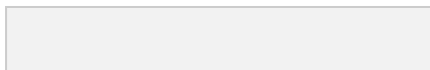
Definitions are found on page 1

Heptane 0.0013 1.39 5000 <LOQ Hexane 0.068 1.17 290 <LOQ Isopropyl alcohol 0.0048 1.39 500  
<LOQ Methanol 0.0005 0.69 3000 <LOQ Methylene chloride 0.0029 2.43 600 <LOQ Pentane 0.037  
2.08 5000 <LOQ Propane 0.031 5.83 2100 <LOQ Toluene 0.0009 2.92 890 <LOQ Total Xylenes  
0.0001 2.92 2170 <LOQ Trichloroethylene 0.0014 0.49 80 <LOQ



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Extracted From: HEMP

Sampling Date: 2023-11-29

Net Weight: 21.058 g Number of Units: 1

Test Reg State: Florida Production Facility: MN

Specimen Weight: 591.560 mg Dilution Factor: 2.540 Initial Gross Weight: 28.158 g

**Passed**

Order Date: 2023-11-28  
Sample # AAFB792

Lab Batch Date: 2023-11-29 Completion

Net Weight per Unit: 4000.000 mg Method: MSP7.3.1 Sampling SOP13.007 (LCMS/GCMS)

**Pesticides**

AnalyteLOD (ppb) LOQ (ppb)  
Action Level (ppb)

Date: 2023-12-04  
Result (ppb) AnalyteLOD (ppb)

LOQ (ppb) Result (ppb)  
Action Level (ppb)



Abamectin 2.8800E-1 28.23 300 <LOQ> Acephate 2.3000E-2 30 3000 <LOQ> Acequinocyl 9.5640E+0  
48 2000 <LOQ> Acetamiprid 5.2000E-2 30 3000 <LOQ> Aldicarb 2.6000E-2 30 100 <LOQ> [Redacted]  
Azoxytobrin 8.1000E-2 10 3000 <LOQ> Bifenazate 1.4150E+0 30 3000 <LOQ> Bifenthrin 4.3000E-2  
30 500 <LOQ> Boscalid 5.5000E-2 10 3000 <LOQ> Captan 6.1200E+0 30 3000 <LOQ> Carbaryl A  
2.2000E-2 10 500 <LOQ> Carbofuran 3.4000E-2 10 100 <LOQ> Chlorantraniliprole 3.3000E-2 10 3000 D.H.Sc., M.Sc., B.Sc., MT (AAB)  
<LOQ> Chlordane 1.0000E+1 10 100 <LOQ> Chlorfenapyr 3.4000E-2 30 100 <LOQ> Chlormequat  
Chloride 1.0800E-1 10 3000 <LOQ> Chlorpyrifos 3.5000E-2 30 100 <LOQ> Clofentezine 1.1900E-1 30  
500 <LOQ> Coumaphos 3.7700E+0 48 100 <LOQ> Cyfluthrin 3.1100E+0 30 1000 <LOQ> Cypermethrin  
1.4490E+0 30 1000 <LOQ> Daminozide 8.8500E-1 30 100 <LOQ> Diazinon 4.4000E-2 30 200 <LOQ>  
Dichlorvos 2.1820E+0 30 100 <LOQ> Dimethoate 2.1000E-2 30 100 <LOQ> Dimethomorph  
5.8300E+0 48 3000 <LOQ> Ethoprophos 3.6000E-1 30 100 <LOQ> Etofenprox 1.1600E-1 30 100  
<LOQ> Etoxazole 9.5000E-2 30 1500 <LOQ> Fenhexamid 5.1000E-1 10 3000 <LOQ> Fenoxycarb  
1.0700E-1 30 100 <LOQ> Fenpyroximate 1.3800E-1 30 2000 <LOQ> Fipronil 1.0700E-1 30 100 <LOQ>  
Fonicamid 5.1700E-1 30 2000 <LOQ>

Fludioxonil 1.7400E+0 48 3000 <LOQ> Hexythiazox 4.9000E-2 30 2000 <LOQ> Imazalil 2.4800E-1 30  
100 <LOQ> Imidacloprid 9.4000E-2 30 3000 <LOQ> Kresoxim Methyl 4.2000E-2 30 1000 <LOQ>  
Malathion 8.2000E-2 30 2000 <LOQ> Metalaxyl 8.1000E-2 10 3000 <LOQ> Methiocarb 3.2000E-2 30  
100 <LOQ> Methomyl 2.2000E-2 30 100 <LOQ> methyl-Parathion 1.7100E+0 10 100 <LOQ>  
Mevinphos 2.1500E+0 10 100 <LOQ> Myclobutanil 1.0290E+0 30 3000 <LOQ> Naled 9.5000E-2 30  
500 <LOQ> Oxamyl 2.5000E-2 30 500 <LOQ> Paclobutrazol 6.5000E-2 30 100 <LOQ>  
Pentachloronitrobenzene 1.3200E+0 10 200 <LOQ> Permethrin 3.4300E-1 30 1000 <LOQ> Phosmet  
8.2000E-2 30 200 <LOQ> Piperonylbutoxide 2.9000E-2 30 3000 <LOQ> Prallethrin 7.9800E-1 30 400  
<LOQ> Propiconazole 7.0000E-2 30 1000 <LOQ> Propoxur 4.6000E-2 30 100 <LOQ> Pyrethrins  
2.3593E+1 30 1000 <LOQ> Pyridaben 3.2000E-2 30 3000 <LOQ> Spinetoram 8.0000E-2 10 3000  
<LOQ> Spinosad 8.8000E-2 30 3000 <LOQ> Spiromesifen 2.6100E-1 30 3000 <LOQ> Spirotetramat  
8.9000E-2 30 3000 <LOQ> Spiroxamine 1.3100E-1 30 100 <LOQ> Tebuconazole 6.7000E-2 30 1000  
<LOQ> Thiacloprid 6.4000E-2 30 100 <LOQ> Thiamethoxam 5.0000E-2 30 1000 <LOQ> Trifloxystrobin  
3.7000E-2 30 3000 <LOQ>

Lab Director/Principal Scientist: [Redacted] xia Sun

[Definitions are found on page 1](#)





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