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Sun City Center, FL 33573
www.acslabcannabis.com

License No. 800025015
FL License # CMTL-0003
CLIA No. 10D1094068

Kats Botanicals CBD Gummy 10 m
Sample Matrix: CBD/HEMP Edibles (Ingestion)

# Certificate of Analysis

Compliance Test

**Kats Botanicals**
6330 N. Andrews Ave #297
Fort Lauderdale, FL 33309

Batch # F10G001
Batch Date: 2021-03-12
Extracted From: Hemp

Sampling Method: MSP 7.3.1 Test Reg
State: Florida

Order # GLO210312-020040
Order Date: 2021-03-12
Sample # AABC108

Sampling Date: 2021-03-16
Lab Batch Date: 2021-03-16
Completion Date: 2021-03-22

Initial Gross Weight: 160.959 g

Number of Units: 1
Net Weight per Unit: 4.400 g



Product Image

Potency Tested
Terpenes Tested
Heavy Metals Passed
Mycotoxins Passed
Pesticides Passed
Residual Solvents Passed
Moisture Tested
Listeria Monocytogenes Passed
Pathogenic Passed
Filth and Foreign Passed

## Potency - 11

Specimen Weight: 1503.400 mg

Tested (HPLC/LCMS)

Pieces For Panel: 30

| Analyte | Dilution (1:n) | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|---|---|---|---|---|---|
| CBD | 10.000 | 0.000054 | 0.001 | 3.081 | 0.308 |
| CBDV | 10.000 | 0.000065 | 0.001 | 0.011 | 0.001 |
| CBC | 10.000 | 0.000018 | 0.001 | | <LOQ |
| THCV | 10.000 | 0.000007 | 0.001 | | <LOQ |
| Delta-9 THC | 10.000 | 0.000013 | 0.001 | | <LOQ |
| Delta-8 THC | 10.000 | 0.000026 | 0.001 | | <LOQ |
| CBN | 10.000 | 0.000014 | 0.001 | | <LOQ |
| CBGA | 10.000 | 0.00008 | 0.001 | | <LOQ |
| CBG | 10.000 | 0.000248 | 0.001 | | <LOQ |
| CBDA | 10.000 | 0.00001 | 0.001 | | <LOQ |
| THCA-A | 10.000 | 0.000032 | 0.001 | | <LOQ |

## Potency Summary

| | |
|---|---|
| Total THC: None Detected | Total CBD: 0.308% 13.556mg |
| Total CBG: None Detected | Total CBN: None Detected |
| Other Cannabinoids: 0.001% 0.046mg | Total Cannabinoids: 0.309% 13.603mg |

## Terpenes Summary

| Analyte | Result (mg/ml) (%) |
|---|---|

Total Terpenes: 0.000%

*Detailed Terpenes Analysis is on the following page*

Xueli Gao
Ph.D., DABT
Lab Toxicologist

Aixia Sun
D.H.Sc., M.Sc., B.Sc., MT (AAB)
Lab Director/Principal Scientist

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Kats Botanicals CBD Gummy 10 m
Sample Matrix: CBD/HEMP Edibles (Ingestion)

# Certificate of Analysis

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**State:** Florida

**Order #** GLO210312-020040
**Order Date:** 2021-03-12
**Sample #** AABC108

**Sampling Date:** 2021-03-16
**Lab Batch Date:** 2021-03-16
**Completion Date:** 2021-03-22

**Initial Gross Weight:** 160.959 g

**Number of Units:** 1
**Net Weight per Unit:** 4.400 g

## Terpenes - FL

**Specimen Weight: 32.950 mg**

**Tested**
**(GC)**

**Pieces For Panel: 30 Dilution Factor: 1.000**

| Analyte | LOQ (%) | Result (mg/g) | (%) | Analyte | LOQ (%) | Result (mg/g) | (%) |
|---|---|---|---|---|---|---|---|
| (+)-Cedrol | 0.02 | | <LOQ | Nerol | 0.02 | | <LOQ |
| Geraniol | 0.02 | | <LOQ | Geranyl acetate | 0.02 | | <LOQ |
| Guaiol | 0.02 | | <LOQ | Hexahydrothymol | 0.02 | | <LOQ |
| Isoborneol | 0.02 | | <LOQ | Isopulegol | 0.02 | | <LOQ |
| Linalool | 0.02 | | <LOQ | Ocimene | 0.014 | | <LOQ |
| Fenchyl Alcohol | 0.02 | | <LOQ | Pulegone | 0.02 | | <LOQ |
| Sabinene | 0.02 | | <LOQ | Sabinene Hydrate | 0.02 | | <LOQ |
| Terpineol | 0.02 | | <LOQ | Terpinolene | 0.02 | | <LOQ |
| trans-Caryophyllene | 0.02 | | <LOQ | trans-Nerolidol | 0.02 | | <LOQ |
| Gamma-Terpinene | 0.02 | | <LOQ | Fenchone | 0.02 | | <LOQ |
| (R)-(+)-Limonene | 0.02 | | <LOQ | alpha-Terpinene | 0.02 | | <LOQ |
| 3-Carene | 0.02 | | <LOQ | alpha-Bisabolol | 0.02 | | <LOQ |
| alpha-Cedrene | 0.02 | | <LOQ | alpha-Humulene | 0.02 | | <LOQ |
| alpha-Phellandrene | 0.02 | | <LOQ | alpha-Pinene | 0.02 | | <LOQ |
| Farnesene | 0.02 | | <LOQ | beta-Myrcene | 0.02 | | <LOQ |
| beta-Pinene | 0.02 | | <LOQ | Borneol | 0.04 | | <LOQ |
| Camphene | 0.02 | | <LOQ | Camphors | 0.04 | | <LOQ |
| Caryophyllene oxide | 0.02 | | <LOQ | cis-Nerolidol | 0.02 | | <LOQ |
| Eucalyptol | 0.02 | | <LOQ | Valencene | 0.02 | | <LOQ |

**Total Terpenes: 0.000%**

Xueli Gao Ph.D., DABT — Lab Toxicologist

Aixia Sun D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

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Kats Botanicals CBD Gummy 10 m
Sample Matrix: CBD/HEMP Edibles (Ingestion)

# Certificate of Analysis

Compliance Test

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6330 N. Andrews Ave #297
Fort Lauderdale, FL 33309

**Batch #** F10G001
**Batch Date:** 2021-03-12
**Extracted From:** Hemp

**Sampling Method:** MSP 7.3.1 Test Reg
**State:** Florida

**Order #** GLO210312-020040
**Order Date:** 2021-03-12
**Sample #** AABC108

**Sampling Date:** 2021-03-16
**Lab Batch Date:** 2021-03-16
**Completion Date:** 2021-03-22

**Initial Gross Weight:** 160.959 g

**Number of Units:** 1
**Net Weight per Unit:** 4.400 g

## Heavy Metals

**Specimen Weight: 253.010 mg**

**Passed**
**(ICP-MS)**

**Pieces For Panel: 30 Dilution Factor: 2.000**

| Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|
| Arsenic (As) | 100 | 1500 | <LOQ | Cadmium (Cd) | 100 | 500 | <LOQ |
| Lead (Pb) | 100 | 500 | <LOQ | Mercury (Hg) | 100 | 3000 | <LOQ |
| Total Contaminant Load (TCL) | None Detected | | | | | | |

## Mycotoxins

**Specimen Weight: 174.100 mg**

**Passed**
**(LCMS)**

**Pieces For Panel: 30 Dilution Factor: 8.616**

| Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|
| Aflatoxin B1 | 6 | 20 | <LOQ | Aflatoxin B2 | 6 | 20 | <LOQ |
| Aflatoxin G1 | 6 | 20 | <LOQ | Aflatoxin G2 | 6 | 20 | <LOQ |
| Ochratoxin A | 12 | 20 | <LOQ | | | | |

Xueli Gao, Ph.D., DABT — Lab Toxicologist

Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

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Kats Botanicals CBD Gummy 10 m
Sample Matrix: CBD/HEMP Edibles (Ingestion)

# Certificate of Analysis

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Fort Lauderdale, FL 33309

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**Batch Date:** 2021-03-12
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**Sampling Method:** MSP 7.3.1 Test Reg
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**Order #** GLO210312-020040
**Order Date:** 2021-03-12
**Sample #** AABC108

**Sampling Date:** 2021-03-16
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**Completion Date:** 2021-03-22

**Initial Gross Weight:** 160.959 g

**Number of Units:** 1
**Net Weight per Unit:** 4.400 g

## Pesticides FL V4

**Specimen Weight: 174.100 mg**

**Passed**
**(LCMS/GCMS)**

**Pieces For Panel: 30 Dilution Factor: 8.616**

| Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|---|---|---|---|---|---|---|---|
| Abamectin | 28.23 | 300 | <LOQ | Acephate | 30 | 3000 | <LOQ |
| Acequinocyl | 48 | 2000 | <LOQ | Acetamiprid | 30 | 3000 | <LOQ |
| Aldicarb | 30 | 100 | <LOQ | Azoxystrobin | 10 | 3000 | <LOQ |
| Bifenazate | 30 | 3000 | <LOQ | Bifenthrin | 30 | 500 | <LOQ |
| Boscalid | 10 | 3000 | <LOQ | Captan | 30 | 3000 | <LOQ |
| Carbaryl | 10 | 500 | <LOQ | Carbofuran | 10 | 100 | <LOQ |
| Chlorantraniliprole | 10 | 3000 | <LOQ | Chlordane | 10 | 100 | <LOQ |
| Chlorfenapyr | 30 | 100 | <LOQ | Chlormequat Chloride | 10 | 3000 | <LOQ |
| Chlorpyrifos | 30 | 100 | <LOQ | Clofentezine | 30 | 500 | <LOQ |
| Coumaphos | 48 | 100 | <LOQ | Cyfluthrin | 30 | 1000 | <LOQ |
| Cypermethrin | 30 | 1000 | <LOQ | Daminozide | 30 | 100 | <LOQ |
| Diazinon | 30 | 200 | <LOQ | Dichlorvos | 30 | 100 | <LOQ |
| Dimethoate | 30 | 100 | <LOQ | Dimethomorph | 48 | 3000 | <LOQ |
| Ethoprophos | 30 | 100 | <LOQ | Etofenprox | 30 | 100 | <LOQ |
| Etoxazole | 30 | 1500 | <LOQ | Fenhexamid | 10 | 3000 | <LOQ |
| Fenoxycarb | 30 | 100 | <LOQ | Fenpyroximate | 30 | 2000 | <LOQ |
| Fipronil | 30 | 100 | <LOQ | Flonicamid | 30 | 2000 | <LOQ |
| Fludioxonil | 48 | 3000 | <LOQ | Hexythiazox | 30 | 2000 | <LOQ |
| Imazalil | 30 | 100 | <LOQ | Imidacloprid | 30 | 3000 | <LOQ |
| Kresoxim Methyl | 30 | 1000 | <LOQ | Malathion | 30 | 2000 | <LOQ |
| Metalaxyl | 10 | 3000 | <LOQ | Methiocarb | 30 | 100 | <LOQ |
| Methomyl | 30 | 100 | <LOQ | methyl-Parathion | 10 | 100 | <LOQ |
| Mevinphos | 10 | 100 | <LOQ | Myclobutanil | 30 | 3000 | <LOQ |
| Naled | 30 | 500 | <LOQ | Oxamyl | 30 | 500 | <LOQ |
| Paclobutrazol | 30 | 100 | <LOQ | Pentachloronitrobenzene | 10 | 200 | <LOQ |
| Permethrin | 30 | 1000 | <LOQ | Phosmet | 30 | 200 | <LOQ |
| Piperonylbutoxide | 30 | 3000 | <LOQ | Prallethrin | 30 | 400 | <LOQ |
| Propiconazole | 30 | 1000 | <LOQ | Propoxur | 30 | 100 | <LOQ |
| Pyrethrins | 30 | 1000 | <LOQ | Pyridaben | 30 | 3000 | <LOQ |
| Spinetoram | 10 | 3000 | <LOQ | Spinosad | 30 | 3000 | <LOQ |
| Spiromesifen | 30 | 3000 | <LOQ | Spirotetramat | 30 | 3000 | <LOQ |
| Spiroxamine | 30 | 100 | <LOQ | Tebuconazole | 30 | 1000 | <LOQ |
| Thiacloprid | 30 | 100 | <LOQ | Thiamethoxam | 30 | 1000 | <LOQ |
| Trifloxystrobin | 30 | 3000 | <LOQ | Total Contaminant Load (TCL) | None Detected | | |

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Aixia Sun, D.H.Sc., M.Sc., B.Sc., MT (AAB) — Lab Director/Principal Scientist

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**Number of Units:** 1
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## Residual Solvents - FL (CBD)

**Specimen Weight: 12.200 mg**

**Passed**
**(GCMS)**

**Pieces For Panel: 30 Dilution Factor: 1.000**

| Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
|---|---|---|---|---|---|---|---|
| 1,1-Dichloroethene | 0.16 | 8 | <LOQ | 1,2-Dichloroethane | 0.04 | 5 | <LOQ |
| Acetone | 2.08 | 5000 | <LOQ | Acetonitrile | 1.17 | 410 | <LOQ |
| Benzene | 0.02 | 2 | <LOQ | Butanes | 2.5 | 2000 | <LOQ |
| Chloroform | 0.04 | 60 | <LOQ | Ethanol | 2.78 | 5000 | Passed |
| Ethyl Acetate | 1.11 | 5000 | <LOQ | Ethyl Ether | 1.39 | 5000 | <LOQ |
| Ethylene Oxide | 0.1 | 5 | <LOQ | Heptane | 1.39 | 5000 | <LOQ |
| Hexane | 1.17 | 290 | <LOQ | Isopropyl alcohol | 1.39 | 500 | <LOQ |
| Methanol | 0.69 | 3000 | <LOQ | Methylene chloride | 2.43 | 600 | <LOQ |
| Pentane | 2.08 | 5000 | <LOQ | Propane | 5.83 | 2100 | <LOQ |
| Toluene | 2.92 | 890 | <LOQ | Total Xylenes | 2.92 | 2170 | <LOQ |
| Trichloroethylene | 0.49 | 80 | <LOQ | | | | |

## Moisture

**Specimen Weight: N/A**

**Tested**
**(Moisture Meter)**

**Pieces For Panel: 30 Dilution Factor: 1.000**

| Analyte | Action Level (%) | Result (%) |
|---|---|---|
| Moisture | 15 | 1.000 |

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## Listeria Monocytogenes

**Passed** (qPCR)

**Specimen Weight: 977.300 mg**

**Pieces For Panel: 30 Dilution Factor: 1.000**

| Analyte | Action Level (cfu/g) | Result |
|---|---|---|
| Listeria Monocytogenes | 1 | Absence in 1 g |

## Pathogenic SAE (qPCR)

**Passed** (qPCR)

**Specimen Weight: 264.300 mg**

**Pieces For Panel: 30 Dilution Factor: 1.000**

| Analyte | Action Level (cfu/g) | Result (cfu/g) |
|---|---|---|
| Aspergillus (Flavus, Fumigatus, Niger, Terreus) | 1 | Absence in 1 g |

| Analyte | Action Level (cfu/g) | Result (cfu/g) |
|---|---|---|
| E.Coli | 1 | Absence in 1 g |
| Salmonella | 1 | Absence in 1 g |

## Filth and Foreign Material

**Passed** (Visual/Microscope)

**Specimen Weight: N/A**

**Pieces For Panel: 30 Dilution Factor: 1.000**

| Analyte | Action Level (%) | Result (%) |
|---|---|---|
| Covered Area | 10 | 0.000 |
| Weight % | 1 | 0.000 |

| Analyte | Action Level (mg/Kg) | Result (mg/Kg) |
|---|---|---|
| Feces | 0.5 | 0.000 |

Xueli Gao Ph.D., DABT — Lab Toxicologist

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