



1mL Blue Moon
Sample Matrix:
CBD/HEMP
Derivative Products
(Ingestion)



DEA No. RA0571996
FL License # CMTL-0003
CLIA No. 10D1094068

Certificate of Analysis

Compliance Test

MOONWLKR
15000 S. Avalon Blvd.
Unit D
Gardena, CA 90248

Batch # 229VDE1BM
Batch Date: 2022-09-07
Extracted From: Hemp

Sampling Method: MSP 7.3.1
Test Reg State: Florida

Order # GRO220907-080001
Order Date: 2022-09-07
Sample # AADJ521

Sampling Date: 2022-09-08
Lab Batch Date: 2022-09-08
Completion Date: 2022-09-12

Initial Gross Weight: 65.695 g

Number of Units: 1
Net Weight per Unit: 1.000 g



Product Image

Potency Tested

Terpenes Tested

Heavy Metals Passed

Mycotoxins Passed

Pesticides Passed

Residual Solvents Passed

Pathogenic Microbiology Passed

Listeria Monocytogenes Passed

Vitamin E Tested

Delta 8/Delta 10 Potency 12

Specimen Weight: 47.220 mg

| Analyte | LOD (%) | LOQ (%) | Result (mg/g) | (%) |
|--------------|---------|---------|---------------|--------|
| Delta-8 THC | 2.60E-5 | 0.001 | 802.920 | 80.292 |
| CBC | 1.80E-5 | 0.001 | <LOQ | <LOQ |
| CBD | 5.40E-5 | 0.001 | <LOQ | <LOQ |
| CBDa | 1.00E-5 | 0.001 | <LOQ | <LOQ |
| CBDV | 6.50E-5 | 0.001 | <LOQ | <LOQ |
| CBG | 2.48E-4 | 0.001 | <LOQ | <LOQ |
| CBGA | 8.00E-5 | 0.001 | <LOQ | <LOQ |
| CBN | 1.40E-5 | 0.001 | <LOQ | <LOQ |
| Delta-10 THC | 3.00E-6 | 0.001 | <LOQ | <LOQ |
| Delta-9 THC | 1.30E-5 | 0.1 | <LOQ | <LOQ |
| THCA | 3.20E-5 | 0.001 | <LOQ | <LOQ |
| THCV | 7.00E-6 | 0.001 | <LOQ | <LOQ |

Tested SOP13.052 (LCU)

Potency Summary

| | | | | | |
|--------------------|---------------|-----------|---|--------------------|-------------------|
| Total Delta 8 | 80.292% | 802.920mg | - | Total Delta 10 | None Detected |
| Total Active THC | None Detected | - | - | Total Active CBD | None Detected |
| Total CBG | None Detected | - | - | Total CBN | None Detected |
| Other Cannabinoids | None Detected | - | - | Total Cannabinoids | 80.292% 802.920mg |

Terpenes Summary

| Analyte | Result (mg/g) | (%) |
|---------------------|---------------|--------|
| alpha-Pinene | 5.34 | 0.534% |
| beta-Pinene | 3.03 | 0.303% |
| trans-Caryophyllene | 2 | 0.2% |
| beta-Myrcene | 1.68 | 0.168% |
| Linalool | 1.33 | 0.133% |

Total Terpenes: 1.338%

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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Sample # AADJ521

Sampling Date: 2022-09-08
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Completion Date: 2022-09-12

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Number of Units: 1
Net Weight per Unit: 1.000 g

Pesticides FL V4
Specimen Weight: 250.000 mg
Dilution Factor: 6.000

| Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|----------------------|-----------|-----------|--------------------|--------------|-------------------------|-----------|-----------|--------------------|--------------|
| Abamectin | 2.8800E-1 | 28.23 | 300 | <LOQ | Fludioxonil | 1.7400E+0 | 48 | 3000 | <LOQ |
| Acephate | 2.3000E-2 | 30 | 3000 | <LOQ | Hexythiazox | 4.9000E-2 | 30 | 2000 | <LOQ |
| Acequinocyl | 9.5640E+0 | 48 | 2000 | <LOQ | Imazalil | 2.4800E-1 | 30 | 100 | <LOQ |
| Acetamiprid | 5.2000E-2 | 30 | 3000 | <LOQ | Imidacloprid | 9.4000E-2 | 30 | 3000 | <LOQ |
| Aldicarb | 2.6000E-2 | 30 | 100 | <LOQ | Kresoxim Methyl | 4.2000E-2 | 30 | 1000 | <LOQ |
| Azoxystrobin | 8.1000E-2 | 10 | 3000 | <LOQ | Malathion | 8.2000E-2 | 30 | 2000 | <LOQ |
| Bifenazate | 1.4150E+0 | 30 | 3000 | <LOQ | Metalaxyl | 8.1000E-2 | 10 | 3000 | <LOQ |
| Bifenthrin | 4.3000E-2 | 30 | 500 | <LOQ | Methiocarb | 3.2000E-2 | 30 | 100 | <LOQ |
| Boscalid | 5.5000E-2 | 10 | 3000 | <LOQ | Methomyl | 2.2000E-2 | 30 | 100 | <LOQ |
| Captan | 6.1200E+0 | 30 | 3000 | <LOQ | methyl-Parathion | 1.7100E+0 | 10 | 100 | <LOQ |
| Carbaryl | 2.2000E-2 | 10 | 500 | <LOQ | Mevinphos | 2.1500E+0 | 10 | 100 | <LOQ |
| Carbofuran | 3.4000E-2 | 10 | 100 | <LOQ | Myclobutanil | 1.0290E+0 | 30 | 3000 | <LOQ |
| Chlorantraniliprole | 3.3000E-2 | 10 | 3000 | <LOQ | Naled | 9.5000E-2 | 30 | 500 | <LOQ |
| Chlordane | 1.0000E+1 | 10 | 100 | <LOQ | Oxamyl | 2.5000E-2 | 30 | 500 | <LOQ |
| Chlorfenapyr | 3.4000E-2 | 30 | 100 | <LOQ | Pacllobutrazol | 6.5000E-2 | 30 | 100 | <LOQ |
| Chlormequat Chloride | 1.0800E-1 | 10 | 3000 | <LOQ | Pentachloronitrobenzene | 1.3200E+0 | 10 | 200 | <LOQ |
| Chlorpyrifos | 3.5000E-2 | 30 | 100 | <LOQ | Permethrin | 3.4300E-1 | 30 | 1000 | <LOQ |
| Clofentezine | 1.1900E-1 | 30 | 500 | <LOQ | Phosmet | 8.2000E-2 | 30 | 200 | <LOQ |
| Coumaphos | 3.7700E+0 | 48 | 100 | <LOQ | Piperonylbutoxide | 2.9000E-2 | 30 | 3000 | <LOQ |
| Cyfluthrin | 3.1100E+0 | 30 | 1000 | <LOQ | Prallethrin | 7.9800E-1 | 30 | 400 | <LOQ |
| Cypermethrin | 1.4490E+0 | 30 | 1000 | <LOQ | Propiconazole | 7.0000E-2 | 30 | 1000 | <LOQ |
| Daminozide | 8.8500E-1 | 30 | 100 | <LOQ | Propoxur | 4.6000E-2 | 30 | 100 | <LOQ |
| Diazinon | 4.4000E-2 | 30 | 200 | <LOQ | Pyrethrins | 2.3593E+1 | 30 | 1000 | <LOQ |
| Dichlorvos | 2.1820E+0 | 30 | 100 | <LOQ | Pyridaben | 3.2000E-2 | 30 | 3000 | <LOQ |
| Dimethoate | 2.1000E-2 | 30 | 100 | <LOQ | Spinetoram | 8.0000E-2 | 10 | 3000 | <LOQ |
| Dimethomorph | 5.8300E+0 | 48 | 3000 | <LOQ | Spinosad | 8.8000E-2 | 30 | 3000 | <LOQ |
| Ethoprophos | 3.6000E-1 | 30 | 100 | <LOQ | Spiromesifen | 2.6100E-1 | 30 | 3000 | <LOQ |
| Etofenprox | 1.1600E-1 | 30 | 100 | <LOQ | Spirotetramat | 8.9000E-2 | 30 | 3000 | <LOQ |
| Etoxazole | 9.5000E-2 | 30 | 1500 | <LOQ | Spiroxamine | 1.3100E-1 | 30 | 100 | <LOQ |
| Fenhexamid | 5.1000E-1 | 10 | 3000 | <LOQ | Tebuconazole | 6.7000E-2 | 30 | 1000 | <LOQ |
| Fenoxycarb | 1.0700E-1 | 30 | 100 | <LOQ | Thiacloprid | 6.4000E-2 | 30 | 100 | <LOQ |
| Fenpyroximate | 1.3800E-1 | 30 | 2000 | <LOQ | Thiamethoxam | 5.0000E-2 | 30 | 1000 | <LOQ |
| Fipronil | 1.0700E-1 | 30 | 100 | <LOQ | Trifloxystrobin | 3.7000E-2 | 30 | 3000 | <LOQ |
| Fonicamid | 5.1700E-1 | 30 | 2000 | <LOQ | | | | | |

Passed
SOP13.007
(LCMS/GCMS)



Pathogenic Microbiology
SAE (MicroArray)

Specimen Weight: 1012.490 mg
Dilution Factor: 1.000

| Analyte | Result (cfu/g) | Analyte | Result (cfu/g) |
|-----------------------|----------------|---------------------|----------------|
| Aspergillus flavus | Absence in 1g | Aspergillus terreus | Absence in 1g |
| Aspergillus fumigatus | Absence in 1g | Salmonella | Absence in 1g |
| Aspergillus niger | Absence in 1g | STEC E. Coli | Absence in 1g |



Listeria Monocytogenes
Specimen Weight: 1003.800 mg
Dilution Factor: 1.000

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



Vitamin E (Tocopheryl Acetate)
Specimen Weight: 250.000 mg
Dilution Factor: 6.000

| Analyte | LOD (ppb) | Result (ppb) |
|-------------------|-----------|--------------|
| Vitamin E Acetate | .705 | <LOQ |

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Lab Toxicologist

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Lab Director/Principal Scientist



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Initial Gross Weight: 65.695 g

Number of Units: 1
Net Weight per Unit: 1.000 g

| Terpenes | | | | Tested | | | |
|----------------------------|---------|---------------|-------|---------------------|---------|---------------|------|
| Specimen Weight: 47.220 mg | | | | SOP13.045 (GC/GCMS) | | | |
| Dilution Factor: 20.000 | | | | | | | |
| Analyte | LOQ (%) | Result (mg/g) | (%) | Analyte | LOQ (%) | Result (mg/g) | (%) |
| alpha-Pinene | 0.002 | 5.340 | 0.534 | Famesene | 0.002 | <LOQ | <LOQ |
| beta-Pinene | 0.002 | 3.030 | 0.303 | Fenchone | 0.002 | <LOQ | <LOQ |
| trans-Caryophyllene | 0.002 | 2.000 | 0.200 | Fenchyl Alcohol | 0.002 | <LOQ | <LOQ |
| beta-Myrcene | 0.002 | 1.680 | 0.168 | Gamma-Terpinene | 0.002 | <LOQ | <LOQ |
| Linalool | 0.002 | 1.330 | 0.133 | Geraniol | 0.002 | <LOQ | <LOQ |
| (+)-Cedrol | 0.002 | <LOQ | <LOQ | Geranyl acetate | 0.002 | <LOQ | <LOQ |
| (R)-(+)-Limonene | 0.002 | <LOQ | <LOQ | Guaiol | 0.002 | <LOQ | <LOQ |
| 3-Carene | 0.002 | <LOQ | <LOQ | Hexahydrothymol | 0.002 | <LOQ | <LOQ |
| alpha-Bisabolol | 0.002 | <LOQ | <LOQ | Isobomeol | 0.002 | <LOQ | <LOQ |
| alpha-Cedrene | 0.002 | <LOQ | <LOQ | Isopulegol | 0.002 | <LOQ | <LOQ |
| alpha-Humulene | 0.002 | <LOQ | <LOQ | Nerol | 0.002 | <LOQ | <LOQ |
| alpha-Phellandrene | 0.002 | <LOQ | <LOQ | Ocimene | 0.00033 | <LOQ | <LOQ |
| alpha-Terpinene | 0.002 | <LOQ | <LOQ | Pulegone | 0.002 | <LOQ | <LOQ |
| Bomeol | 0.004 | <LOQ | <LOQ | Sabinene | 0.002 | <LOQ | <LOQ |
| Camphene | 0.002 | <LOQ | <LOQ | Sabinene Hydrate | 0.002 | <LOQ | <LOQ |
| Camphors | 0.006 | <LOQ | <LOQ | Terpinolene | 0.002 | <LOQ | <LOQ |
| Caryophyllene oxide | 0.002 | <LOQ | <LOQ | Total Terpeneol | 0.00126 | <LOQ | <LOQ |
| cis-Nerolidol | 0.002 | <LOQ | <LOQ | trans-Nerolidol | 0.002 | <LOQ | <LOQ |
| Eucalyptol | 0.002 | <LOQ | <LOQ | Valencene | 0.002 | <LOQ | <LOQ |

Total Terpenes: 1.338%

| Residual Solvents - FL (CBD) | | | | Passed | | | | | |
|------------------------------|-----------|-----------|--------------------|------------------|--------------------|-----------|-----------|--------------------|--------------|
| Specimen Weight: 299.200 mg | | | | SOP13.039 (GCMS) | | | | | |
| Dilution Factor: 1.000 | | | | | | | | | |
| Analyte | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) | Analyte | LOD (ppm) | LOQ (ppm) | Action Level (ppm) | Result (ppm) |
| 1,1-Dichloroethane | 0.0094 | 0.16 | 8 | <LOQ | Heptane | 0.0013 | 1.39 | 5000 | <LOQ |
| 1,2-Dichloroethane | 0.0003 | 0.04 | 5 | <LOQ | Hexane | 0.068 | 1.17 | 290 | <LOQ |
| Acetone | 0.015 | 2.08 | 5000 | <LOQ | Isopropyl alcohol | 0.0048 | 1.39 | 500 | <LOQ |
| Acetonitrile | 0.06 | 1.17 | 410 | <LOQ | Methanol | 0.0005 | 0.69 | 3000 | <LOQ |
| Benzene | 0.0002 | 0.02 | 2 | <LOQ | Methylene chloride | 0.0029 | 2.43 | 600 | <LOQ |
| Butanes | 0.4167 | 2.5 | 2000 | <LOQ | Pentane | 0.037 | 2.08 | 5000 | <LOQ |
| Chloroform | 0.0001 | 0.04 | 60 | <LOQ | Propane | 0.031 | 5.83 | 2100 | <LOQ |
| Ethanol | 0.0021 | 2.78 | 5000 | <LOQ | Toluene | 0.0009 | 2.92 | 890 | <LOQ |
| Ethyl Acetate | 0.0012 | 1.11 | 5000 | 68.465 | Total Xylenes | 0.0001 | 2.92 | 2170 | <LOQ |
| Ethyl Ether | 0.0049 | 1.39 | 5000 | <LOQ | Trichloroethylene | 0.0014 | 0.49 | 80 | <LOQ |
| Ethylene Oxide | 0.0038 | 0.1 | 5 | <LOQ | | | | | |

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Initial Gross Weight: 65.695 g

Number of Units: 1
Net Weight per Unit: 1.000 g

Mycotoxins **Passed**
SOP13.007 (LCMS)

Specimen Weight: N/A Dilution Factor: 6.000

| Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Aflatoxin B1 | 3.0400E-1 | 6 | 20 | <LOQ | Aflatoxin G2 | 2.7100E-1 | 6 | 20 | <LOQ |
| Aflatoxin B2 | 7.7000E-2 | 6 | 20 | <LOQ | Ochratoxin A | 7.5400E-1 | 12 | 20 | <LOQ |
| Aflatoxin G1 | 3.0400E-1 | 6 | 20 | <LOQ | | | | | |

Heavy Metals **Passed**
SOP13.048 (ICP-MS)

Dilution Factor: 201

| Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) | Analyte | LOD (ppb) | LOQ (ppb) | Action Level (ppb) | Result (ppb) |
|--------------|-----------|-----------|--------------------|--------------|--------------|-----------|-----------|--------------------|--------------|
| Arsenic (As) | 4.83 | 100 | 1500 | <LOQ | Lead (Pb) | 11.76 | 100 | 500 | <LOQ |
| Cadmium (Cd) | .64 | 100 | 500 | <LOQ | Mercury (Hg) | .58 | 100 | 3000 | <LOQ |

Xueli Gao
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Aixia Sun
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