# AURUM LABS

# CERTIFICATE OF ANALYSIS
## POTENCY

MOON MOTHER HEMP COMPANY

Moon Mother Hemp Co
2425 Canyon Blvd
Boulder, Colorado 80302
(303) 905-7097
405R-00016.26

Name: Full Spectrum CBD Softgels 25mg 30 ct
Type: Ingestible
ID: 211203865.27583
Batch ID: 12211
METRC Tag: 1A4000B00012FE9000002725

RECEIVED: 12/28/2021 TESTED: 12/30/2021 REPORTED: 01/05/2022

| ANALYTE | LOD | LOQ | MU | AMOUNT | AMOUNT | LABEL | STATUS |
|---|---|---|---|---|---|---|---|
| | % | % | mg/unit | % | mg/unit | mg/unit | |
| THCa | 0.012 | 0.024 | 0.000 | <LOD | <LOD | - | TESTED |
| D9-THC | 0.012 | 0.024 | 0.080 | 0.118 | 0.8 | - | TESTED |
| D8-THC | 0.012 | 0.024 | 0.000 | <LOD | <LOD | - | TESTED |
| CBDa | 0.012 | 0.024 | 0.030 | 0.038 | 0.3 | - | TESTED |
| CBD | 0.012 | 0.024 | 2.550 | 3.754 | 25.5 | 25 | PASS |
| CBDVa | 0.0055 | 0.011 | 0.000 | <LOD | <LOD | - | TESTED |
| CBDV | 0.0055 | 0.011 | 0.010 | 0.020 | 0.1 | - | TESTED |
| CBN | 0.0055 | 0.011 | 0.000 | <LOD | <LOD | - | TESTED |
| CBGa | 0.0055 | 0.011 | 0.000 | <LOD | <LOD | - | TESTED |
| CBG | 0.0055 | 0.011 | 0.050 | 0.069 | 0.5 | - | TESTED |
| CBCa | 0.0055 | 0.011 | 0.000 | <LOD | <LOD | - | TESTED |
| CBC | 0.0055 | 0.011 | 0.140 | 0.203 | 1.4 | - | TESTED |
| CBL | 0.0055 | 0.011 | 0.000 | <LOD | <LOD | - | TESTED |
| Sum of Measured Cannabinoids* | | | | 4.202 | 28.600 | | |

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, MU = Measurement uncertainty, NR = Not Reported *Sum of measured cannabinoids is the sum of all quantified cannabinoids.

Unit : 1 capsule |Units Per Package :30

| Analyte | Total* |
|---|---|
| Total THC | 0.80 mg/unit |
| Total CBD | 25.76 mg/unit |
| Total CBG | 0.50 mg/unit |
| Total CBDV | 0.10 mg/unit |

*Total is the sum of the neutral (active) cannabinoid and the completely converted acidic cannabinoid*

## NOTES AND INTERPRETATIONS

Analyzed via AAM-001 using Agilent 1220 HPLC-DAD. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: None.

Results Analyzed By:
Tyler Dorsey
Associate Chemist

Results Approved By:
Trey Murschell, PhD
Senior Chemist

ACCREDITED
CERTIFICATE #5221.01

*Aurum Labs makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected levels of any compounds reported herein. This certificate shall not be modified – Scan QR code to verify authenticity*

# AURUM LABS

# CERTIFICATE OF ANALYSIS
## MICROBIAL CONTAMINANT

MOON MOTHER HEMP COMPANY

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Boulder, Colorado 80302
(303) 905-7097
405R-00016.26

| | |
|---|---|
| Name: | Full Spectrum CBD Softgels 25mg 30 ct |
| Type: | Ingestible |
| ID: | 211203865.27583 |
| Batch ID: | 12211 |
| METRC Tag: | 1A4000B00012FE9000002725 |

RECEIVED: 12/28/2021 TESTED: 12/30/2021 REPORTED: 01/05/2022

| ANALYTE | LOQ | LIMIT | AMOUNT | STATUS |
|---|---|---|---|---|
| | CFU/g | CFU/g | CFU/g | |
| STEC | 1 | 1 | Absent | Pass |
| Salmonella | 1 | 1 | Absent | Pass |
| Total Aerobic | 100 | 10000 | ND | Pass |
| Total Coliforms | 10 | 100 | ND | Pass |
| Yeast & Mold | 100 | 1000 | ND | Pass |

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, CFU/g = Colony Forming Units per Gram, NR = Not Reported

### NOTES AND INTERPRETATIONS

Analyzed via AAM-003 & AAM-007. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: None.

Results Analyzed By:
Colleen Rafferty
Associate Microbiologist

Results Approved By:
Luke Mason, MS
Lab Director

ACCREDITED
CERTIFICATE 45221.01

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# AURUM LABS

# CERTIFICATE OF ANALYSIS
## PESTICIDES

MOON MOTHER HEMP COMPANY

Moon Mother Hemp Co
2425 Canyon Blvd
Boulder, Colorado 80302
(303) 905-7097
405R-00016.26

| | |
|---|---|
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| Batch ID: | 12211 |
| METRC Tag: | 1A4000B00012FE9000002725 |

RECEIVED: 12/28/2021 TESTED: 12/30/2021 REPORTED: 01/05/2022

| ANALYTE | LOD | LOQ | LIMIT | AMOUNT | STATUS |
|---|---|---|---|---|---|
| | PPB | PPB | PPB | PPB | |
| Abamectin | 20 | 40 | 70 | <LOD | Pass |
| Azoxystrobin | 5 | 10 | 20 | <LOD | Pass |
| Bifenazate | 10 | 20 | 20 | <LOD | Pass |
| Etoxazole | 5 | 10 | 10 | <LOD | Pass |
| Imazalil | 20 | 40 | 40 | <LOD | Pass |
| Imidacloprid | 5 | 10 | 20 | <LOD | Pass |
| Malathion | 20 | 40 | 50 | <LOD | Pass |
| Myclobutanil | 10 | 20 | 40 | <LOD | Pass |
| Permethrin | 5 | 10 | 40 | <LOD | Pass |
| Spinosad | 20 | 40 | 60 | <LOD | Pass |
| Spiromesifen | 15 | 30 | 30 | <LOD | Pass |
| Spirotetramat | 5 | 10 | 20 | <LOD | Pass |
| Tebuconazole | 5 | 10 | 10 | <LOD | Pass |

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

## NOTES AND INTERPRETATIONS

Analyzed via AAM-008 using Agilent 1260 HPLC and Agilent 6430 MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: None.

Results Analyzed By:
Trey Murschell, PhD
Senior Chemist

Results Approved By:
Luke Mason, MS
Lab Director

ACCREDITED
CERTIFICATE 45221.01

CO CDOR

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# CERTIFICATE OF ANALYSIS
## HEAVY METALS

MOON MOTHER HEMP COMPANY

Moon Mother Hemp Co
2425 Canyon Blvd
Boulder, Colorado 80302
(303) 905-7097
405R-00016.26

| | |
|---|---|
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| Type: | Ingestible |
| ID: | 211203865.27583 |
| Batch ID: | 12211 |
| METRC Tag: | 1A4000B00012FE9000002725 |

RECEIVED: 12/28/2021 TESTED: 12/30/2021 REPORTED: 01/05/2022

| ANALYTE | LOD | LOQ | LIMIT | AMOUNT | STATUS |
|---|---|---|---|---|---|
| | PPM | PPM | PPM | PPM | |
| Arsenic | 0.015 | 0.03 | 0.2 | <LOD | Pass |
| Cadmium | 0.015 | 0.03 | 0.2 | <LOD | Pass |
| Lead | 0.015 | 0.03 | 0.5 | <LOD | Pass |
| Mercury | 0.015 | 0.03 | 0.1 | <LOD | Pass |

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

### NOTES AND INTERPRETATIONS

Analyzed via AAM-010 using Agilent 7800 ICP-MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as recieved. Deviations from SOP: None.

Results Analyzed By:
Trey Murschell, PhD
Senior Chemist

Results Approved By:
Luke Mason, MS
Lab Director

ACCREDITED
CERTIFICATE 45221.01

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# AURUM LABS

# CERTIFICATE OF ANALYSIS
## RESIDUAL SOLVENTS

MOON MOTHER HEMP COMPANY

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2425 Canyon Blvd
Boulder, Colorado 80302
(303) 905-7097
405R-00016.26

| | |
|---|---|
| Name: | Full Spectrum CBD Softgels 25mg 30 ct |
| Type: | Ingestible |
| ID: | 211203865.27583 |
| Batch ID: | 12211 |
| METRC Tag: | 1A4000B00012FE9000002725 |

RECEIVED: 12/28/2021 TESTED: 12/30/2021 REPORTED: 01/05/2022

| ANALYTE | LOD | LOQ | LIMIT | AMOUNT | STATUS |
|---|---|---|---|---|---|
| | PPM | PPM | PPM | PPM | |
| Acetone | 77.778 | 155.556 | 1000 | <LOD | Pass |
| Benzene | 0.478 | 0.956 | 2 | <LOD | Pass |
| Butanes | 9.9205 | 19.841 | 1000 | <LOD | Pass |
| Ethanol | 78.274 | 156.548 | 1000 | <LOD | Pass |
| Ethyl-Acetate | 49.603 | 99.206 | 1000 | <LOD | Pass |
| Heptanes | 10.1685 | 20.337 | 1000 | <LOD | Pass |
| Hexanes | 4.881 | 9.762 | 60 | <LOD | Pass |
| Isopropanol | 77.976 | 155.952 | 1000 | <LOD | Pass |
| Methanol | 196.4285 | 392.857 | 600 | <LOD | Pass |
| N-Pentane | 9.3255 | 18.651 | 1000 | <LOD | Pass |
| Propane | 9.9205 | 19.841 | 1000 | <LOD | Pass |
| Toluene | 4.2855 | 8.571 | 180 | <LOD | Pass |
| Xylenes | 6.389 | 12.778 | 430 | <LOD | Pass |

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected, NR = Not Reported

### NOTES AND INTERPRETATIONS

Analyzed via AAM-002 using Agilent 7697/7890 Headspace GC FID. Limits are based on CO 6 CCR 1010-21. Sample was analyzed as received. Deviations from SOP: None.

Results Analyzed By:
Tyler Dorsey
Associate Chemist

Results Approved By:
Luke Mason, MS
Lab Director

ACCREDITED
CERTIFICATE 45221.01

CO CDOR

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# AURUM LABS

# CERTIFICATE OF ANALYSIS
## MYCOTOXINS

MOON MOTHER HEMP COMPANY

Moon Mother Hemp Co
2425 Canyon Blvd
Boulder, Colorado 80302
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405R-00016.26

| | |
|---|---|
| Name: | Full Spectrum CBD Softgels 25mg 30 ct |
| Type: | Ingestible |
| ID: | 211203865.27583 |
| Batch ID: | 12211 |
| METRC Tag: | 1A4000B00012FE9000002725 |

RECEIVED: 12/28/2021 TESTED: 12/30/2021 REPORTED: 01/05/2022

| ANALYTE | LOD | LOQ | LIMIT | AMOUNT | STATUS |
|---|---|---|---|---|---|
| | PPB | PPB | PPB | PPB | |
| B1 | 2.5 | 5 | 0 | <LOD | Tested |
| B2 | 2.5 | 5 | 0 | <LOD | Tested |
| G1 | 2.5 | 5 | 0 | <LOD | Tested |
| G2 | 2.5 | 5 | 0 | <LOD | Tested |
| Total Aflatoxins | 2.5 | 5 | 20 | <LOD | Pass |
| Ochratoxin A | 2.5 | 5 | 20 | <LOD | Pass |

LOD = Limit of Detection, LOQ = Limit of Quantification, ND = Not Detected , NR = Not Reported

### NOTES AND INTERPRETATIONS

Analyzed via AAM-004 using Agilent 1260 HPLC and Agilent 6430 MS. Limits are based on CO 1 CCR 212-3. Sample was analyzed as received. Deviations from SOP: None

Results Analyzed By:
Trey Murschell, PhD
Senior Chemist

Results Approved By:
Luke Mason, MS
Lab Director

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