

Order #: UPL200428-040401 Order Date: 2020-04-28 Collection Date: 2020-04-30 Report Date: 2020-05-04

Batch #: 107A
Sample #: AAAF767
Specimen Type: CBD/HEMP Derivative Products (External Use)
Extracted From: Hemp
Description: 1000mg Lotion

Initial Gross Weight: 126811 mg
Net Weight: 120000 mg
Method: SOP-3



| | | |
|-----------------------------|--|---|
| Potency Tested | Residual Solvents Passed | Heavy Metals Passed |
| Mycotoxins Passed | Pathogenic Microbiology Passed | Listeria Monocytogenes Passed |



The photos on this report are of a sample collected by the lab and may vary from the final packaging.

| | | |
|---|---|--|
| CBD Total 0.8261% 991.3200mg | THC Total Not Detected | CBG Total Not Detected |
| CBN Total Not Detected | Other Cannabinoids Not Detected | Total Cannabinoids 0.8261% 991.3200mg |

Potency - 11 (Tested)

| Potency - 11 (Tested) | | | | (HPLC) | | | | | | | |
|-----------------------|---------------|-------|---------|-------------|---------------|-------|---------|-------------|---------------|-------|---------|
| Analyte | Result (mg/g) | (%) | LOQ (%) | Analyte | Result (mg/g) | (%) | LOQ (%) | Analyte | Result (mg/g) | (%) | LOQ (%) |
| CBC | <LOQ | 0.001 | | CBD | 8.261 | 0.826 | 0.001 | CBDA | <LOQ | 0.001 | |
| CBDV | <LOQ | 0.001 | | CBG | <LOQ | 0.001 | | CBGA | <LOQ | 0.001 | |
| CBN | <LOQ | 0.001 | | Delta-8 THC | <LOQ | 0.001 | | Delta-9 THC | <LOQ | 0.001 | |
| THCA-A | <LOQ | 0.001 | | THCV | <LOQ | 0.001 | | Total CBD | 8.261 | 0.826 | 0.001 |
| Total THC | <LOQ | 0.001 | | | | | | | | | |

*Total CBD = CBD + (CBD-A * 0.877), *Total THC = THCA-A * 0.877 + Delta 9 THC, *CBG Total = (CBGA * 0.877) + CBG, *CBN Total = (CBNA * 0.877) + CBN, *Other Cannabinoids Total = CBC + CBDV + THC + THCV + THCV-A, *Total Detected Cannabinoids = CBD Total + CBG Total + CBN Total + THC Total + CBC + CBDV + THCV + THCV-A, *Total (mg) = Total (%) ÷ 100 * Net Weight(mg) (mg/g) = Milligram per Gram, LOQ = Limit of Quantitation

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Residual Solvents (Extract Only) (Passed) (GC/GCMS)

| Analyte | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte | Action Level (ppm) | Result (ppm) | LOQ (ppm) | Analyte | Action Level (ppm) | Result (ppm) | LOQ (ppm) |
|-------------|--------------------|--------------|-----------|----------|--------------------|--------------|-----------|------------|--------------------|--------------|-----------|
| Acetone | 5000 | <LOQ | 87.9 | Benzene | 1.6 | <LOQ | 1.6 | Chloroform | 53 | <LOQ | 53 |
| Ethanol | 5000 | <LOQ | 26.7 | Hexane | 60 | <LOQ | 36.6 | I-Butane | 5000 | <LOQ | 100 |
| Isopropanol | 5000 | <LOQ | 52.3 | Methanol | 3000 | <LOQ | 87.9 | N-Butane | 5000 | <LOQ | 200 |
| Pentane | 5000 | <LOQ | 389.5 | Toluene | 890 | <LOQ | 38.4 | | | | |

(ppm) = Parts per Million, (ppm) = (µg/g), , LOQ = Limit of Quantitation

Heavy Metals (Passed) (ICP-MS)

| Analyte | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte | Action Level (ppb) | Result (ppb) | LOQ (ppb) | Analyte | Action Level (ppb) | Result (ppb) | LOQ (ppb) |
|--------------|--------------------|--------------|-----------|--------------|--------------------|--------------|-----------|-----------|--------------------|--------------|-----------|
| Arsenic (As) | 1500 | <LOQ | 100 | Cadmium (Cd) | 500 | <LOQ | 100 | Lead (Pb) | 500 | <LOQ | 100 |
| Mercury (Hg) | 3000 | <LOQ | 100 | | | | | | | | |

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

Mycotoxins (Passed) (LCMS/MS)

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

(ppb) = Parts per Billion, (ppb) = (µg/kg), , LOQ = Limit of Quantitation

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Pathogenic Microbiology #1 (MMTC Compliance Panel) (Passed)

(Micro Array)

| Analyte | Result | Analyte | Result |
|------------|---------|--------------|---------|
| Salmonella | Absence | STEC E. Coli | Absence |

Listeria Monocytogenes (Passed)

(qPCR)

| Analyte | Remark |
|------------------------|---------|
| Listeria Monocytogenes | Absence |

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