

High Grade Confidential

License#: 2340 E University Dr
Phoenix, AZ 85034
(520) 780-7740

Additional Licenses:
Batch #: 020921151135
Sample Batch Collection: 02/09/21 14:02; Sample Batch Collected By: High Grade Confiden
Sample Received: 2/9/2021; Report Created: 3/3/2021

Milk Chocolate Bar
Ingestible

Laboratory Number: 2102098-07

| | | | | | | |
|---------------------------|---------------------------|----------------------------------|-----------------------|---------------------------|----------------------------------|------------------------------------|
| Herbicides PASS | Pesticides PASS | Residual Solvents PASS | Metals PASS | Mycotoxins PASS | Aspergillus Not Tested | E. Coli/ Salmonella PASS |
|---------------------------|---------------------------|----------------------------------|-----------------------|---------------------------|----------------------------------|------------------------------------|

Sample Image



Residual Solvents (GCMS-MS) Analyzed: 02/13/21 By: CBH

| Analyte | RL | ppm | Q |
|-------------------|--------|-----|---|
| Propane | 100.00 | ND | |
| Butanes | 100.00 | ND | |
| Pentanes | 100.00 | ND | |
| Acetonitrile | 205.00 | ND | |
| Dichloromethane | 100.00 | ND | |
| Hexanes | 100.00 | ND | |
| Chloroform | 10.00 | ND | |
| n-Heptane | 100.00 | ND | |
| Methanol | 500.00 | ND | |
| Ethanol | 100.00 | ND | |
| Diethyl Ether | 100.00 | ND | |
| Acetone | 100.00 | ND | |
| Isopropanol | 100.00 | ND | |
| Ethyl acetate | 100.00 | ND | |
| Isopropyl acetate | 100.00 | ND | |
| Benzene | 1.00 | ND | |
| Toluene | 100.00 | ND | |
| Xylenes | 100.00 | ND | |

Cannabinoid (HPLC) Analyzed: 02/12/21 By: MLC

| Analyte | LOQ % | mg/g | mg/unit | % | Q |
|-------------|-------|-------|---------|------|----|
| THC-A | 0.01 | ND | ND | ND | |
| delta 9-THC | 0.01 | 6.11 | 106 | 0.61 | |
| delta 8-THC | 0.01 | ND | ND | ND | |
| THC-V | 0.01 | ND | ND | ND | |
| CBG-A | 0.01 | ND | ND | ND | |
| CBD-A | 0.01 | ND | ND | ND | |
| CBD | 0.01 | ND | ND | ND | |
| CBD-V | 0.01 | ND | ND | ND | Q3 |
| CBN | 0.01 | ND | ND | ND | Q3 |
| CBG | 0.01 | 0.210 | 3.64 | 0.02 | Q3 |
| CBC | 0.01 | ND | ND | ND | |

Metals (ICP-MS) Analyzed: 02/15/21 By: JVR

| Element | RL | ppm | Q |
|---------|-------|-------|---|
| Arsenic | 0.050 | 0.064 | |
| Cadmium | 0.050 | 0.096 | |
| Lead | 0.050 | 0.084 | |
| Mercury | 0.005 | ND | |

Regulated Microbials (Petrifilm) Analyzed: 2/14/2021 By: LEF

| Pathogens | RL | Result | Units | Q |
|-----------|------|--------|-------|---|
| E. coli | 10.0 | ND | cfu/g | |

Regulated Microbials (PCR) Analyzed: By:

| Pathogens | RL | Result | Units | Q |
|-------------|----|--------|-------|---|
| Aspergillus | NT | NT | cfu/g | |

Regulated Microbials (PCR) Analyzed: 2/16/2021 By: LEF

| Pathogens | RL | Result | Units | Q |
|------------|------|--------|-------|---|
| Salmonella | 1.00 | Absent | cfu/g | |

| | | |
|---|---|---|
| 6.11 mg/g 106.00 mg/unit 0.61 % Total THC | 0.00 mg/g 0.00 mg/unit 0.00 % Total CBD | 6.32 mg/g 110.00 mg/unit 0.63% Total Cannabinoids |
|---|---|---|

Total THC = THCa * 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA * 0.877 + CBD

Regulated Mycotoxins (LC-MS TQ) Analyzed: 03/01/21 By: EGP

| Pathogens | RL | ppb | Q |
|-------------|------|-----|----|
| Aflatoxins | 1.04 | ND | Q3 |
| Ochratoxins | 2.07 | ND | Q3 |

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LOQ = Limit of Quantification

Tabitha A. Hauer
Tabitha Hauer
Owner

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Certificate of Analysis

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51 W. Weldon Ave

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| Pesticides (LC-MS TQ) Analyzed: 02/16/21 By: MLC | | | | | | | |
|--|-------|-----|--------|-----------------|-------|-----|----|
| Analyte | RL | ppm | Q | Analyte | RL | ppm | Q |
| Acephate | 0.021 | ND | | Acequinocyl | 0.104 | ND | L1 |
| Acetamiprid | 0.010 | ND | | Aldicarb | 0.021 | ND | |
| Azoxystrobin | 0.010 | ND | | Bifenthrin | 0.010 | ND | |
| Boscalid | 0.021 | ND | | Carbaryl | 0.010 | ND | |
| Carbofuran | 0.010 | ND | | Chlorpyrifos | 0.010 | ND | |
| Diazinon | 0.010 | ND | | Dimethoate | 0.010 | ND | |
| Ethoprophos | 0.010 | ND | R1 | Etofenprox | 0.021 | ND | |
| Etoxazole | 0.010 | ND | | Fenoxycarb | 0.010 | ND | |
| Fenpyroximate E | 0.021 | ND | | Flonicamid | 0.052 | ND | |
| Fludioxonil | 0.021 | ND | | Hexythiazox | 0.052 | ND | |
| Imazalil | 0.010 | ND | M1, R1 | Imidacloprid | 0.021 | ND | |
| Kresoxim-methyl | 0.021 | ND | | Malathion | 0.010 | ND | R1 |
| Metalaxyl | 0.010 | ND | M1, R1 | Methiocarb | 0.010 | ND | R1 |
| Methomyl | 0.021 | ND | | Myclobutanil | 0.010 | ND | R1 |
| Naled | 0.026 | ND | | Oxamyl | 0.052 | ND | |
| Piperonyl butoxide | 0.104 | ND | R1 | Propiconazole | 0.021 | ND | |
| Propoxure | 0.010 | ND | R1 | Spiromesifen | 0.010 | ND | R1 |
| Spirotetramat | 0.010 | ND | R1 | Spiroxamine | 0.021 | ND | |
| Tebuconazole | 0.021 | ND | R1 | Thiacloprid | 0.010 | ND | |
| Thiamethoxam | 0.010 | ND | | Trifloxystrobin | 0.010 | ND | |

| Herbicides (LC-MS TQ) Analyzed: 03/01/21 By: KG | | | |
|---|-------|-----|----|
| Analyte | RL | ppm | Q |
| Pendimethalin | 0.038 | ND | Q3 |

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

| | RL | Result | Units | Q |
|------------------|----|--------|-------|----|
| Pathogens | | | | |
| Total Coliform | NT | NT | cfu/g | Q3 |
| Mold | NT | NT | cfu/g | Q3 |
| Yeast | NT | NT | cfu/g | Q3 |
| Aerobic Bacteria | NT | NT | cfu/g | Q3 |
| Enterobacteria | NT | NT | cfu/g | Q3 |

Terpenes (GCMS-MS) Analyzed: By:

| | mg/g | % | Q |
|-----------------------------|------|----|----|
| Compound | | | |
| alpha-Bisabolol | NT | NT | Q3 |
| (-)-Borneol and (+)-Borneol | NT | NT | Q3 |
| Camphene | NT | NT | Q3 |
| Camphor | NT | NT | Q3 |
| beta-Caryophyllene | NT | NT | Q3 |
| trans-Caryophyllene | NT | NT | Q3 |
| Caryophyllene Oxide | NT | NT | Q3 |
| alpha-Cedrene | NT | NT | Q3 |
| Cedrol | NT | NT | Q3 |
| Endo-fenchyl Alcohol | NT | NT | Q3 |
| Eucalyptol | NT | NT | Q3 |
| Fenchone | NT | NT | Q3 |
| Geraniol | NT | NT | Q3 |
| Geranyl acetate | NT | NT | Q3 |
| Guaiol | NT | NT | Q3 |
| Hexahydrothymol | NT | NT | Q3 |
| alpha-Humulene | NT | NT | Q3 |
| Isoborneol | NT | NT | Q3 |
| Isopulegol | NT | NT | Q3 |
| Limonene | NT | NT | Q3 |
| Linalool | NT | NT | Q3 |
| p-Mentha-1,5-diene | NT | NT | Q3 |
| beta-Myrcene | NT | NT | Q3 |
| trans-Nerolidol | NT | NT | Q3 |
| Ocimene | NT | NT | Q3 |
| alpha-Pinene | NT | NT | Q3 |
| beta-Pinene | NT | NT | Q3 |
| Pulegone | NT | NT | Q3 |
| Sabinene | NT | NT | Q3 |
| Sabinene Hydrate | NT | NT | Q3 |
| gamma-Terpinene | NT | NT | Q3 |
| alpha-Terpinene | NT | NT | Q3 |
| 3-Carene | NT | NT | Q3 |
| Terpineol | NT | NT | Q3 |
| Terpinolene | NT | NT | Q3 |
| Valencene | NT | NT | Q3 |
| Nerol | NT | NT | Q3 |
| cis-Nerolidol | NT | NT | Q3 |
| Total Terpenes | NT | NT | Q3 |

Water Activity (Moisture Reacter) Analyzed: By:

| | AW | Q |
|-----------------|----|----|
| Compound | | |
| Water Activity | NT | Q3 |

Moisture (Drying Oven) Analyzed: By:

| | % | Q |
|------------------|----|----|
| Compound | | |
| Percent Moisture | NT | Q3 |

pH Test (HannHI11310) Analyzed: By:

| | NA | Q |
|-----------------|----|----|
| Compound | | |
| pH | NT | Q3 |

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