

High Grade Confidential

License#: 2320 E Baseline Rd Ste 490
Phoenix, AZ 85042
(520) 780-7740

Additional Licenses:
Batch #: 021221151140
Sample Batch Collection: 03/16/21 00:00; Sample Batch Collected By: High Grade Confiden
Sample Received: 3/16/2021; Report Created: 4/6/2021

Milk Chocolate Bar

Laboratory Number: 2103196-03
Ingestible

Herbicides Not Tested	Pesticides PASS	Residual Solvents PASS	Metals PASS	Mycotoxins PASS	Aspergillus Not Tested	E. Coli/ Salmonella PASS
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Sample Image



Residual Solvents (GCMS-MS) Analyzed: 03/27/21 By: LEH

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	R1
Toluene	100.00	ND	R1
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 03/27/21 By: CBH

Analyte	LOQ %	mg/g	mg/unit	%	Q
THC-A	0.01	0.297	5.34	0.03	
delta 9-THC	0.01	5.86	106	0.59	
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	0.184	3.32	0.02	Q3
CBC	0.01	ND	ND	ND	

Metals (ICP-MS) Analyzed: 03/26/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.050	ND	M1
Cadmium	0.050	0.116	
Lead	0.050	ND	
Mercury	0.005	ND	

Regulated Microbials (Petrifilm) Analyzed: 3/21/2021 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: 3/20/2021 By: LEF

Pathogens	RL	Result	Units	Q
Salmonella	1.00	Absent	cfu/g	

6.12 mg/g 110.69 mg/unit 0.62 % Total THC	0.00 mg/g 0.00 mg/unit 0.00 % Total CBD	6.34 mg/g 114.00 mg/unit 0.63 % Total Cannabinoids
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Total THC = THCa * 0.877 + delta 9-THC + delta 8-THC; Total CBD = CBDA * 0.877 + CBD

Regulated Mycotoxins (LC-MS TQ) Analyzed: 03/27/21 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	0.994	ND	Q3
Ochratoxins	1.99	ND	Q3

RL = Reporting Limit
NA = Not Applicable
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ND = Non Detected
LOQ = Limit of Quantification



Tabitha Hauer
Owner

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Pesticides (LC-MS TQ) Analyzed: 03/27/21 By: MLC							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.099	ND		Acequinocyl	0.497	ND	
Acetamiprid	0.050	ND		Aldicarb	0.099	ND	
Azoxystrobin	0.050	ND		Bifenthrin	0.050	ND	
Boscalid	0.099	ND		Carbaryl	0.050	ND	
Carbofuran	0.050	ND	V1	Chlorpyrifos	0.050	ND	R1
Diazinon	0.050	ND		Dimethoate	0.050	ND	
Ethoprophos	0.050	ND		Etofenprox	0.099	ND	
Etoxazole	0.050	ND		Fenoxycarb	0.050	ND	
Fenpyroximate E	0.099	ND		Flonicamid	0.249	ND	
Fludioxonil	0.099	ND		Hexythiazox	0.249	ND	
Imazalil	0.050	ND		Imidacloprid	0.099	ND	
Kresoxim-methyl	0.099	ND		Malathion	0.050	ND	
Metalaxyl	0.050	ND		Methiocarb	0.050	ND	
Methomyl	0.099	ND		Myclobutanil	0.050	ND	
Naled	0.124	ND		Oxamyl	0.249	ND	
Piperonyl butoxide	0.497	ND		Propiconazole	0.099	ND	
Propoxure	0.050	ND		Spiromesifen	0.050	ND	
Spirotetramat	0.050	ND		Spiroxamine	0.099	ND	
Tebuconazole	0.099	ND		Thiacloprid	0.050	ND	
Thiamethoxam	0.050	ND		Trifloxystrobin	0.050	ND	

Herbicides (LC-MS TQ) Analyzed: By:			
Analyte	RL	ppm	Q
Pendimethalin	NT	NT	Q3

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Tabitha A. Hauer
Tabitha Hauer
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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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QUALIFIER DEFINITIONS AND CASE NARRATIVE

- Q3 Testing results is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R 9-17-317.01(A) or labeling requirements in R9-17-317.
- M1 Matrix spike recovery is high, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- R1 The relative percent difference (RPD) for the laboratory control sample and duplicate is more than 20%, but the percent recovery for the laboratory control sample and duplicate is within acceptance criteria.
- V1 Continuing Calibration Verification (CCV) or Quality Control Sample (QCS) recovery exceeds acceptable limits; but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.

Testing results were obtained according to requirements in the quality assurance plan in R 9-17-404.05, in the applicable standard operating procedure, and in R9-17- 404.03 or R9-17-404.04; A description of any variances from the requirements , and the reason for the variance will be described in the Work Order memo.

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