

## High Grade Confidential

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

Additional Licenses:  
Batch #: 122820148088  
Sample Batch Collection: 01/07/21 16:54; Sample Batch Collected By: High Grade Confiden  
Sample Received: 1/8/2021; Report Created: 1/29/2021

Dark Chocolate Bar  
Ingestible

Laboratory Number: 2101028-01

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



Residual Solvents (GCMS-MS) Analyzed: 01/12/21 By: MLC

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: 01/09/21 By: MLC

Analyte	LOQ %	mg/g	mg/unit	%	Q
THC-A	0.005	ND	ND	ND	
delta 9-THC	0.005	5.14	94.4	0.51	
delta 8-THC	0.005	ND	ND	ND	
THC-V	0.005	0.068	1.25	0.007	
CBG-A	0.005	ND	ND	ND	
CBD-A	0.005	ND	ND	ND	
CBD	0.005	ND	ND	ND	
CBD-V	0.005	ND	ND	ND	Q3
CBN	0.005	ND	ND	ND	Q3
CBG	0.005	0.122	2.23	0.01	Q3
CBC	0.005	ND	ND	ND	

Metals (ICP-MS) Analyzed: 01/12/21 By: ESA

Element	RL	ppm	Q
Arsenic	0.050	ND	
Cadmium	0.050	0.296	
Lead	0.050	ND	
Mercury	0.005	ND	

Regulated Microbials (Petrifilm) Analyzed: 1/12/2021 By: MEF

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

Regulated Microbials (PCR) Analyzed: 1/15/2021 By: BMR

Pathogens	RL	Result	Units	Q
Salmonella	1.00	Absent	cfu/g	

Regulated Microbials (PCR) Analyzed: By:

Pathogens	RL	Result	Units	Q
Aspergillus	NT	NT	cfu/g	

5.14 mg/g 94.40 mg/unit 0.51 % <b>Total THC</b>	0.00 mg/g 0.00 mg/unit 0.00 % <b>Total CBD</b>	5.33 mg/g 97.90 mg/unit 0.53% <b>Total Cannabinoids</b>
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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: 01/20/21 By: KG

Pathogens	RL	ppb	Q
Aflatoxins	0.990	ND	Q3 V1
Ochratoxins	1.98	ND	Q3

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

*Tabitha A. Hauer*  
Tabitha Hauer  
Owner

This product has been tested by Desert Valley Testing using valid testing methodologies. Values reported only relate to the product tested. Desert Valley Testing makes no claims 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 reproduced except in full, without the written approval of Desert Valley Testing.



# Certificate of Analysis

00000003LCIN00627986

51 W. Weldon Ave

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Pesticides (LC-MS TQ) Analyzed: 01/15/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.099	ND	L1	Acequinocyl	0.495	ND	M2, N1, Q3
Acetamiprid	0.049	ND		Aldicarb	0.099	ND	
Azoxystrobin	0.049	ND		Bifenthrin	0.049	ND	
Boscalid	0.099	ND		Carbaryl	0.049	ND	
Carbofuran	0.049	ND	M1	Chlorpyrifos	0.049	ND	M2
Diazinon	0.049	ND		Dimethoate	0.049	ND	
Ethoprophos	0.049	ND		Etofenprox	0.099	ND	
Etoxazole	0.049	ND		Fenoxycarb	0.049	ND	
Fenpyroximate E	0.099	ND		Flonicamid	0.247	ND	
Fludioxonil	0.099	ND	M1	Hexythiazox	0.247	ND	
Imazalil	0.049	ND		Imidacloprid	0.099	ND	L1, R1
Kresoxim-methyl	0.099	ND		Malathion	0.049	ND	
Metalaxyl	0.049	ND		Methiocarb	0.049	ND	
Methomyl	0.099	ND		Myclobutanil	0.049	ND	
Naled	0.124	ND		Oxamyl	0.247	ND	
Piperonyl butoxide	0.495	ND	L1	Propiconazole	0.099	ND	
Propoxure	0.049	ND		Spiromesifen	0.049	ND	L1
Spirotetramat	0.049	ND		Spiroxamine	0.099	ND	
Tebuconazole	0.099	ND		Thiacloprid	0.049	ND	
Thiamethoxam	0.049	ND		Trifloxystrobin	0.049	ND	

Herbicides (LC-MS TQ) Analyzed: 01/27/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.038	ND	Q3

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
<b>Pathogens</b>				
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
<b>Compound</b>			
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
<b>Total Terpenes</b>	NT	NT	Q3

Water Activity (Moisture Reacter) Analyzed: By:

	AW	Q
<b>Compound</b>		
Water Activity	NT	Q3

Moisture (Drying Oven) Analyzed: By:

	%	Q
<b>Compound</b>		
Percent Moisture	NT	Q3

pH Test (HannHI11310) Analyzed: By:

	NA	Q
<b>Compound</b>		
pH	NT	Q3

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