

High Grade Confidential

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

Additional Licenses:
Batch #: 031721155176

Sample Batch Collection: 03/18/21 13:05; Sample Batch Collected By: High Grade Confiden
Sample Received: 3/19/2021; Report Created: 4/9/2021

Peanut Butter Bar

Laboratory Number: 2103227-03

Ingestible

Herbicides PASS	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: 03/30/21 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	30.00	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: 03/28/21 By: CBH

Analyte	LOQ %	mg/g	mg/unit	%	Q
THC-A	0.01	ND	ND	ND	
delta 9-THC	0.01	4.15	90.9	0.42	
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	0.123	2.69	0.01	Q3
CBC	0.01	ND	ND	ND	

Metals (ICP-MS) Analyzed: 03/30/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.050	ND	
Cadmium	0.050	0.072	
Lead	0.050	ND	
Mercury	0.005	ND	

Regulated Microbials (Petrifilm) Analyzed: 3/22/2021 By: MEF

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: 3/22/2021 By: LEF

Pathogens	RL	Result	Units	Q
Salmonella	1.00	Absent	cfu/g	

4.15 mg/g 90.90 mg/unit 0.42 % Total THC	0.00 mg/g 0.00 mg/unit 0.00 % Total CBD	4.28 mg/g 93.60 mg/unit 0.43 % 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: 03/30/21 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	1.02	ND	Q3
Ochratoxins	2.04	ND	Q3

RL = Reporting Limit
NA = Not Applicable
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LOQ = Limit of Quantification

Tabitha A. Hauer
Tabitha Hauer
Owner

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Certificate of Analysis

00000003LCIN00627986

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Pesticides (LC-MS TQ) Analyzed: 04/07/21 By: EGP							
	RL	ppm	Q		RL	ppm	Q
Analyte				Analyte			
Acephate	0.102	ND		Acequinocyl	0.511	ND	
Acetamiprid	0.051	ND		Aldicarb	0.102	ND	
Azoxystrobin	0.051	ND		Bifenthrin	0.051	ND	
Boscalid	0.102	ND	M2	Carbaryl	0.051	ND	
Carbofuran	0.051	ND		Chlorpyrifos	0.051	ND	
Diazinon	0.051	ND		Dimethoate	0.051	ND	
Ethoprophos	0.051	ND		Etofenprox	0.102	ND	
Etoxazole	0.051	ND		Fenoxycarb	0.051	ND	
Fenpyroximate E	0.102	ND		Flonicamid	0.255	ND	
Fludioxonil	0.102	ND		Hexythiazox	0.255	ND	
Imazalil	0.051	ND	R1	Imidacloprid	0.102	ND	
Kresoxim-methyl	0.102	ND		Malathion	0.051	ND	
Metalaxyl	0.051	ND		Methiocarb	0.051	ND	
Methomyl	0.102	ND		Myclobutanil	0.051	ND	
Naled	0.128	ND		Oxamyl	0.255	ND	
Piperonyl butoxide	0.511	ND		Propiconazole	0.102	ND	
Propoxure	0.051	ND		Spiromesifen	0.051	ND	
Spirotetramat	0.051	ND	M2	Spiroxamine	0.102	ND	
Tebuconazole	0.102	ND		Thiacloprid	0.051	ND	
Thiamethoxam	0.051	ND		Trifloxystrobin	0.051	ND	

Herbicides (LC-MS TQ) Analyzed: 04/07/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.020	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

Water Activity (Moisture Reactor) Analyzed: By:			
		AW	Q
Compound			
Water Activity		NT	Q3
Moisture (Drying Oven) Analyzed: By:			
		%	Q
Compound			
Percent Moisture	NT	NT	Q3
pH Test (HannHI11310) Analyzed: By:			
		NA	Q
Compound			
pH		NT	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
Guaial	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

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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.
- M2 Matrix spike recovery is low, 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.

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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