

## CMS Ventures - GSI

License#: 13454 N. Black Canyon Hwy  
Phoenix, AZ 85029  
(602) 399-2931

Additional Licenses:  
Batch #: 0427R3HCT

Sample Batch Collection: 05/03/21 14:40; Sample Batch Collected By: CMS Ventures - GSI  
Sample Received: 5/3/2021; Report Created: 5/18/2021

Horchata

Laboratory Number: 2105006-03

Flower

<b>Herbicides</b> PASS	<b>Pesticides</b> PASS	<b>Residual Solvents</b> PASS	<b>Metals</b> PASS	<b>Mycotoxins</b> PASS	<b>Aspergillus</b> PASS	<b>E. Coli/ Salmonella</b> PASS
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Sample Image



Residual Solvents (GCMS-MS) Analyzed: 05/10/21 By: CBH

Analyte	RL	ppm	Q
Propane	100	ND	
Butanes	100	ND	
Pentanes	100	ND	
Acetonitrile	100	ND	
Dichloromethane	100	ND	
Hexanes	100	ND	
Chloroform	100	ND	
n-Heptane	100	ND	
Methanol	100	ND	
Ethanol	100	ND	
Diethyl Ether	100	ND	
Acetone	100	ND	
Isopropanol	100	ND	
Ethyl acetate	100	ND	
Isopropyl acetate	100	ND	
Benzene	100	ND	
Toluene	100	ND	
Xylenes	100	ND	

Cannabinoid (HPLC) Analyzed: 05/06/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	18.59	20.04	200.4	D1
delta 9-THC	0.05	0.99	9.9	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.44	4.4	
CBD-A	0.05	0.05	0.5	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	Q3
CBN	0.05	ND	ND	Q3
CBG	0.05	0.06	0.6	Q3
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 05/11/21 By: JVR

Element	RL	ppm	Q
Arsenic	10	ND	
Cadmium	10	ND	
Lead	10	ND	
Mercury	10	ND	

Regulated Microbiols (Petrifilm) Analyzed: 5/4/2021 By: LEF

Pathogens	RL	Result	Units	Q
E. coli	100	ND	cfu/g	

Regulated Microbiols (PCR) Analyzed: 5/6/2021 By: KRB

Pathogens	RL	Result	Units	Q
Aspergillus	10	Absent	cfu/g	
Salmonella	10	Absent	cfu/g	


18.59 % 185.85 mg/g <b>Total THC</b>	0.05 % 0.48 mg/g <b>Total CBD</b>	21.60 % 216.00 mg/g <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: 05/12/21 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	10	ND	
Ochratoxins	10	ND	

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

  
Erin Polly  
Technical Laboratory Director

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Sample Image



Residual Solvents (GCMS-MS) Analyzed: 05/10/21 By: CBH

Analyte	RL	ppm	Q
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Butanes	100	ND	
Pentanes	100	ND	
Acetonitrile	100	ND	
Dichloromethane	100	ND	
Hexanes	100	ND	
Chloroform	100	ND	
n-Heptane	100	ND	
Methanol	100	ND	
Ethanol	100	ND	
Diethyl Ether	100	ND	
Acetone	100	ND	
Isopropanol	100	ND	
Ethyl acetate	100	ND	
Isopropyl acetate	100	ND	
Benzene	100	ND	
Toluene	100	ND	
Xylenes	100	ND	

Cannabinoid (HPLC) Analyzed: 05/06/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	1.00	20.04	200.4	D1
delta 9-THC	1.00	0.99	9.9	
delta 8-THC	1.00	ND	ND	
THC-V	1.00	ND	ND	
CBG-A	1.00	0.44	4.4	
CBD-A	1.00	0.05	0.5	
CBD	1.00	ND	ND	
CBD-V	1.00	ND	ND	Q3
CBN	1.00	ND	ND	Q3
CBG	1.00	0.06	0.6	Q3
CBC	1.00	ND	ND	

Metals (ICP-MS) Analyzed: 05/11/21 By: JVR

Element	RL	ppm	Q
Arsenic	10	ND	
Cadmium	10	ND	
Lead	10	ND	
Mercury	10	ND	

Regulated Microblals (Petrifilm) Analyzed: 5/4/2021 By: LEF

Pathogens	RL	Result	Units	Q
E. coli	100	ND	cfu/g	

Regulated Microblals (PCR) Analyzed: 5/6/2021 By: KRB

Pathogens	RL	Result	Units	Q
Aspergillus	10	Absent	cfu/g	
Salmonella	10	Absent	cfu/g	

18.59 % 185.85 mg/g <b>Total THC</b>	0.05 % 0.48 mg/g <b>Total CBD</b>	21.60 % 216.00 mg/g <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: 05/12/21 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	10	ND	
Ochratoxins	10	ND	

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Pesticides (LC-MS TQ) Analyzed: 05/09/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.05	ND		Acequinocyl	0.05	ND	
Acetamiprid	0.05	ND		Aldicarb	0.05	ND	
Azoxystrobin	0.05	ND		Bifenthrin	0.05	ND	
Boscalid	0.05	ND		Carbaryl	0.05	ND	
Carbofuran	0.05	ND		Chlorpyrifos	0.05	ND	
Diazinon	0.05	ND		Dimethoate	0.05	ND	
Ethoprophos	0.05	ND		Etofenprox	0.05	ND	
Etoxazole	0.05	ND		Fenoxycarb	0.05	ND	
Fenpyroximate E	0.05	ND		Fonicamid	0.05	ND	
Fludioxonil	0.05	ND		Hexythiazox	0.05	ND	
Imazalil	0.05	ND		Imidacloprid	0.05	ND	
Kresoxim-methyl	0.05	ND		Malathion	0.05	ND	
Metalaxyl	0.05	ND		Methiocarb	0.05	ND	
Methomyl	0.05	ND		Myclobutanil	0.05	ND	
Naled	0.05	ND		Oxamyl	0.05	ND	
Piperonyl butoxide	0.05	ND		Propiconazole	0.05	ND	
Propoxure	0.05	ND		Spiromesifen	0.05	ND	
Spirotetramat	0.05	ND		Spiroxamine	0.05	ND	
Tebuconazole	0.05	ND		Thiacloprid	0.05	ND	
Thiamethoxam	0.05	ND		Trifloxystrobin	0.05	ND	
Abamectin	0.05	ND	Q3 M2	Bifenazate	0.05	ND	Q3
Chlorantraniliprole	0.05	ND	Q3	Clofentezine	0.05	ND	Q3 M2
Cyfluthrin	0.05	ND	Q3 M2	Cypermethrin	0.05	ND	Q3 M2
Daminozide	0.05	ND	Q3	DDVP (Dichlorvos)	0.05	ND	Q3
Fipronil	0.05	ND	Q3	Paclobutrazol	0.05	ND	Q3
Permethrins	0.05	ND	Q3 M2	Phosmet	0.05	ND	Q3
Prallethrin	0.05	ND	Q3	Pyrethrins	0.05	ND	Q3 M1
Pyridaben	0.05	ND	Q3	Spinosad	0.05	ND	Q3
Chlorfenapyr	0.05	ND	Q3 M2				

Herbicides (LC-MS TQ) Analyzed: 05/09/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.05	ND	L1

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# Certificate of Analysis

00000003LCIN00627986

51 W. Weldon Ave

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(480) 788-6644

www.desertvalleytesting.com

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Non-Regulated Microbials (Petrifilms) Analyzed: By:

	RL	Result	Units	Q
<b>Pathogens</b>				
Total Coliform	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Mold	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
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
<b>Total Terpenes</b>	NT	NT	Q3

Water Activity (Moisture Reactor) 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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### 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.
- D1 The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes are not detected above the maximum allowable concentrations for the analytes in the sample.
- M1 Matrix spike recovery is high, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- M2 Matrix spike recovery is low, but the recovery from the laboratory control sample and duplicate are 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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