

## Aeriz

License#: 3839 N. 35th Ave.  
Phoenix, AZ 85017  
612-402-8698

Additional Licenses:  
Batch #: 20210520GMO-8T1T5T9T10T24  
Sample Batch Collection: 05/28/21 11:01; Sample Batch Collected By: Aeriz  
Sample Received: 5/28/2021; Report Created: 7/19/2021

GMO Laboratory Number: 2105224-02  
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: 06/08/21 By: CBH

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	ND	M1
Pentanes	145.00	ND	M1
Acetonitrile	205.00	ND	
Dichloromethane	300.00	ND	
Hexanes	145.00	ND	
Chloroform	30.00	ND	
n-Heptane	2500.0	ND	
Methanol	1500.0	ND	M1
Ethanol	2500.0	ND	
Diethyl Ether	2500.0	ND	
Acetone	500.00	ND	
Isopropanol	2500.0	ND	
Ethyl acetate	2500.0	ND	
Isopropyl acetate	2500.0	ND	
Benzene	1.00	ND	
Toluene	445.00	ND	
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 06/04/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.51	31.95	319.5	D1
delta 9-THC	0.05	0.59	5.9	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	1.25	12.5	
CBD-A	0.05	0.07	0.7	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.13	1.3	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 06/08/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.100	ND	
Cadmium	0.100	ND	
Lead	0.100	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 6/6/2021 By: NKB

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

Regulated Microbials (PCR) Analyzed: 6/3/2021 By: MEF

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Absent	cfu/g	
Salmonella	1.00	Absent	cfu/g	

28.59 % 285.89 mg/g <b>Total THC</b>	0.06 % 0.59 mg/g <b>Total CBD</b>	34.00 % 340.00 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: 06/18/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	1.06	ND	M2
Ochratoxins	2.13	ND	M2

RL = Reporting Limit  
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Erin Polly  
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 06/04/21 By: EGP							
	RL	ppm	Q		RL	ppm	Q
Analyte				Analyte			
Acephate	0.213	ND		Acequinocyl	1.06	ND	
Acetamiprid	0.106	ND		Aldicarb	0.213	ND	
Azoxystrobin	0.106	ND		Bifenthrin	0.106	ND	V1
Boscalid	0.213	ND	L1, N1	Carbaryl	0.106	ND	
Carbofuran	0.106	ND		Chlorpyrifos	0.106	ND	
Diazinon	0.106	ND		Dimethoate	0.106	ND	L1
Ethoprophos	0.106	ND		Etofenprox	0.213	ND	
Etoxazole	0.106	ND		Fenoxycarb	0.106	ND	
Fenpyroximate E	0.213	ND		Fonicamid	0.532	ND	
Fludioxonil	0.213	ND		Hexythiazox	0.532	ND	
Imazalil	0.106	ND		Imidacloprid	0.213	ND	
Kresoxim-methyl	0.213	ND		Malathion	0.106	ND	
Metalaxyl	0.106	ND		Methiocarb	0.106	ND	
Methomyl	0.213	ND		Myclobutanil	0.106	ND	
Naled	0.266	ND		Oxamyl	0.532	ND	
Piperonyl butoxide	1.06	ND		Propiconazole	0.213	ND	
Propoxure	0.106	ND		Spiromesifen	0.106	ND	
Spirotetramat	0.106	ND		Spiroxamine	0.213	ND	
Tebuconazole	0.213	ND		Thiacloprid	0.106	ND	
Thiamethoxam	0.106	ND		Trifloxystrobin	0.106	ND	
Abamectin	0.266	ND		Bifenazate	0.106	ND	
Chlorantraniliprole	0.106	ND		Clofentezine	0.106	ND	
Cyfluthrin	0.532	ND		Cypermethrin	0.532	ND	
Daminozide	0.532	ND		DDVP (Dichlorvos)	0.053	ND	Q3, V1
Fipronil	0.213	ND		Paclobutrazol	0.213	ND	
Permethrins	0.106	ND		Phosmet	0.106	ND	R1
Prallethrin	0.106	ND		Pyrethrins	0.532	ND	
Pyridaben	0.106	ND		Spinosad	0.106	ND	L1
Chlorfenapyr	0.106	ND					

Herbicides (LC-MS TQ) Analyzed: 06/30/21 By: EGP			
	RL	ppm	Q
Analyte			
Pendimethalin	0.053	ND	

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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: 06/03/21 By: JVR			
	%	mg/g	Q
<b>Compound</b>			
alpha-Bisabolol	0.13	1.3	Q3
(-)-Borneol and (+)-Borneol	ND	ND	Q3
Camphene	ND	ND	Q3
Camphor	ND	ND	Q3
beta-Caryophyllene	ND	ND	Q3
trans-Caryophyllene	0.40	4	Q3
Caryophyllene Oxide	ND	ND	Q3
alpha-Cedrene	0.11	1.1	Q3
Cedrol	ND	ND	Q3
Endo-fenchyl Alcohol	0.07	0.7	Q3
Eucalyptol	ND	ND	Q3
Fenchone	ND	ND	Q3
Geraniol	ND	ND	Q3
Geranyl acetate	ND	ND	Q3
Guaiol	ND	ND	Q3
Hexahydrothymol	ND	ND	Q3
alpha-Humulene	0.25	2.5	Q3
Isoborneol	ND	ND	Q3
Isopulegol	ND	ND	Q3
Limonene	0.45	4.5	Q3
Linalool	0.10	1	Q3
p-Mentha-1,5-diene	ND	ND	Q3
beta-Myrcene	0.31	3.1	Q3
trans-Nerolidol	ND	ND	Q3
Ocimene	ND	ND	Q3
alpha-Pinene	0.05	0.5	Q3
beta-Pinene	0.08	0.8	Q3
Pulegone	ND	ND	Q3
Sabinene	ND	ND	Q3
Sabinene Hydrate	ND	ND	Q3
gamma-Terpinene	ND	ND	Q3
alpha-Terpinene	ND	ND	Q3
3-Carene	ND	ND	Q3
Terpineol	0.06	0.6	Q3
Terpinolene	ND	ND	Q3 D1
Valencene	ND	ND	Q3
Nerol	ND	ND	Q3
cis-Nerolidol	ND	ND	Q3
<b>Total Terpenes</b>	2.01	20.10	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	NT	Q3
pH Test (HannHI11310) Analyzed: By:			
		NA	Q
<b>Compound</b>			
pH		NT	Q3

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# Certificate of Analysis

00000003LCIN00627986

51 W. Weldon Ave

Phoenix, AZ

(480) 788-6644

www.desertvalleytesting.com

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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.
  - N1 A description of any variances from the requirements in the QAP, the applicable SOPs, or that Administration made to ensure scientifically valid and defensible testing results, and the reason for the variance; see case narrative.
  - Q3 Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements or labeling requirements.
  - 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.

N1-Boscalid MS did not meet acceptance criteria.

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