

Aeriz

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

Additional Licenses:
Batch #: 20210421LMT-1T9T10
Sample Batch Collection: 04/30/21 13:38; Sample Batch Collected By: Aeriz
Sample Received: 4/30/2021; Report Created: 5/24/2021

Lemon Tree

Laboratory Number: 2104244-05
Flower

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



Residual Solvents (GCMS-MS) Analyzed: 05/06/21 By: CBH

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	ND	
Pentanes	145.00	ND	
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	
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: 05/05/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.50	19.17	191.7	D1
delta 9-THC	0.05	1.44	14.4	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.57	5.7	
CBD-A	0.05	ND	ND	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.16	1.6	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 05/05/21 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: 5/3/2021 By: MEF

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

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

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

18.24 % 182.40 mg/g Total THC	0.00 % 0.00 mg/g Total CBD	21.30 % 213.00 mg/g 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: By:

Pathogens	RL	ppb	Q
Aflatoxins	NT	NT	
Ochratoxins	NT	NT	

RL = Reporting Limit
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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 05/05/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.100	ND		Acequinocyl	0.498	ND	
Acetamiprid	0.050	ND		Aldicarb	0.100	ND	
Azoxystrobin	0.050	ND		Bifenthrin	0.050	ND	
Boscalid	0.100	ND		Carbaryl	0.050	ND	
Carbofuran	0.050	ND		Chlorpyrifos	0.050	ND	
Diazinon	0.050	ND		Dimethoate	0.050	ND	
Ethoprophos	0.050	ND		Etofenprox	0.100	ND	
Etoxazole	0.050	ND		Fenoxycarb	0.050	ND	
Fenpyroximate E	0.100	ND		Fonicamid	0.249	ND	
Fludioxonil	0.100	ND		Hexythiazox	0.249	ND	
Imazalil	0.050	ND		Imidacloprid	0.100	ND	
Kresoxim-methyl	0.100	ND		Malathion	0.050	ND	
Metalaxyl	0.050	ND		Methiocarb	0.050	ND	
Methomyl	0.100	ND		Myclobutanil	0.050	ND	
Naled	0.125	ND		Oxamyl	0.249	ND	
Piperonyl butoxide	0.498	ND		Propiconazole	0.100	ND	M2
Propoxure	0.050	ND		Spiromesifen	0.050	ND	
Spirotetramat	0.050	ND		Spiroxamine	0.100	ND	
Tebuconazole	0.100	ND		Thiacloprid	0.050	ND	
Thiamethoxam	0.050	ND		Trifloxystrobin	0.050	ND	
Abamectin	0.125	ND	Q3 M2	Bifenazate	0.050	ND	Q3
Chlorantraniliprole	0.050	ND	Q3	Clofentezine	0.050	ND	Q3 M2
Cyfluthrin	0.249	ND	Q3	Cypermethrin	0.249	ND	Q3
Daminozide	0.249	ND	Q3	DDVP (Dichlorvos)	0.005	ND	Q3
Fipronil	0.100	ND	Q3	Paclobutrazol	0.100	ND	Q3
Permethrins	0.050	ND	Q3 M2	Phosmet	0.050	ND	Q3
Prallethrin	0.050	ND	Q3 V1	Pyrethrins	0.249	ND	Q3 V1
Pyridaben	0.050	ND	Q3	Spinosad	0.050	ND	Q3
Chlorfenapyr	0.100	ND	Q3 M2				

Herbicides (LC-MS TQ) Analyzed: 05/09/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.020	ND	L1, N1

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
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: 05/05/21 By: JVR

	%	mg/g	Q
Compound			
alpha-Bisabolol	0.12	1.2	Q3
(-)-Borneol and (+)-Borneol	ND	ND	Q3
Camphene	ND	ND	Q3
Camphor	ND	ND	Q3
beta-Caryophyllene	ND	ND	Q3
trans-Caryophyllene	0.15	1.5	Q3
Caryophyllene Oxide	ND	ND	Q3
alpha-Cedrene	0.04	0.4	Q3
Cedrol	ND	ND	Q3
Endo-fenchyl Alcohol	0.04	0.4	Q3
Eucalyptol	ND	ND	Q3
Fenchone	ND	ND	Q3
Geraniol	ND	ND	Q3
Geranyl acetate	ND	ND	Q3
Guaiol	0.06	0.6	Q3
Hexahydrothymol	ND	ND	Q3
alpha-Humulene	0.06	0.6	Q3
Isoborneol	ND	ND	Q3
Isopulegol	ND	ND	Q3
Limonene	0.17	1.7	Q3
Linalool	0.09	0.9	Q3
p-Mentha-1,5-diene	ND	ND	Q3
beta-Myrcene	0.76	7.6	Q3
trans-Nerolidol	ND	ND	Q3
Ocimene	ND	ND	Q3
alpha-Pinene	0.16	1.6	Q3
beta-Pinene	0.09	0.9	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	0.04	0.4	Q3
Terpinolene	ND	ND	Q3
Valencene	ND	ND	Q3
Nerol	ND	ND	Q3
cis-Nerolidol	ND	ND	Q3
Total Terpenes	1.79	17.90	Q3

Water Activity (Moisture Reactor) 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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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.
- 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.
- 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- MS did not pass acceptance criteria.

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