

Sonoran Roots Cannabis

License#: 550 W. McKellips Rd
Mesa, AZ 85201
(480) 201-0000

Additional Licenses:
Batch #: 390BDC00D2AED6
Sample Batch Collection: 12/02/20 10:15; Sample Batch Collected By: Sonoran Roots Cann
Sample Received: 12/3/2020; Report Created: 12/30/2020

Kush Mints (Batch ID: 390BDC00D2AED6) 22 Red Strain: Nightfall Laboratory Number: 2012025-03
Flower

Herbicides Not Tested	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: 12/24/20 By: TAH

Analyte	RL	ppm	Q
Propane	100.00	ND	
Butanes	100.00	ND	
Pentanes	100.00	ND	
Acetonitrile	50.00	ND	V1
Dichloromethane	12.00	ND	
Hexanes	5.80	ND	
Chloroform	10.00	ND	
n-Heptane	100.00	ND	
Methanol	500.00	ND	
Ethanol	100.00	ND	M2
Diethyl Ether	100.00	ND	M2
Acetone	50.00	ND	
Isopropanol	100.00	ND	M2
Ethyl acetate	100.00	ND	M2
Isopropyl acetate	100.00	ND	M2
Benzene	1.00	ND	
Toluene	17.80	ND	
Xylenes	43.40	ND	

Cannabinoid (HPLC) Analyzed: 12/17/20 By: TAH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.26	30.31	303.1	
delta 9-THC	0.03	0.50	5	
delta 8-THC	0.03	ND	ND	
THC-V	0.03	ND	ND	
CBG-A	0.03	1.21	12.1	
CBD-A	0.03	0.09	0.9	
CBD	0.03	ND	ND	
CBD-V	0.03	ND	ND	Q3
CBN	0.03	0.03	0.3	Q3
CBG	0.03	0.14	1.4	Q3
CBC	0.03	0.07	0.7	

Metals (ICP-MS) Analyzed: 12/18/20 By: ESA

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

Regulated Microbials (Petrifilm) Analyzed: 12/18/2020 By: BMR

Pathogens	RL	Result	Units	Q
E. coli	1.00	ND	cfu/g	

Regulated Microbials (PCR) Analyzed: 12/19/2020 By: KRB

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

27.10 % 270.96 mg/g Total THC	0.08 % 0.83 mg/g Total CBD	32.30 % 323.00 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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Tabitha A. Hauer
Tabitha Hauer
Owner

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00000003LCIN00627986

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Pesticides (LC-MS TQ) Analyzed: 12/24/20 By: JVR							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.553	ND	L1, M1, M2	Acequinocyl	0.553	ND	M2, N1, Q3
Acetamiprid	0.277	ND		Aldicarb	0.111	ND	M2
Azoxystrobin	0.277	ND	M1	Bifenthrin	0.277	ND	M2
Boscalid	0.553	ND		Carbaryl	0.055	ND	R1
Carbofuran	0.055	ND		Chlorpyrifos	0.277	ND	M2, R1
Diazinon	0.055	ND		Dimethoate	0.055	ND	M2
Ethoprophos	0.055	ND	M2	Etofenprox	0.111	ND	
Etoxazole	0.055	ND		Fenoxycarb	0.277	ND	
Fenpyroximate E	0.111	ND		Flonicamid	1.38	ND	
Fludioxonil	0.553	ND	L1	Hexythiazox	0.277	ND	
Imazalil	0.277	ND		Imidacloprid	0.553	ND	
Kresoxim-methyl	0.553	ND		Malathion	0.055	ND	M2
Metalaxyl	0.055	ND		Methiocarb	0.055	ND	
Methomyl	0.111	ND		Myclobutanil	0.055	ND	
Naled	0.138	ND		Oxamyl	0.277	ND	
Piperonyl butoxide	0.553	ND		Propiconazole	0.111	ND	
Propoxure	0.055	ND	M2	Spiromesifen	0.055	ND	
Spirotetramat	0.277	ND		Spiroxamine	0.111	ND	
Tebuconazole	0.277	ND		Thiacloprid	0.055	ND	
Thiamethoxam	0.277	ND		Trifloxystrobin	0.277	ND	

Herbicides (LC-MS TQ) Analyzed: By:			
Analyte	RL	ppm	Q
Pendimethalin	NT	NT	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

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
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
Total Terpenes	NT	NT	Q3

Water Activity (Moisture Reacter) 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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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.
- L1 The associated blank spike recovery was above acceptance limits but the samples results were less than the maximal allowable concentrations or less than limit of quantitation.
- M1 Matrix spike recovery was high; the associated blank spike recovery was acceptable.
- M2 Matrix spike recovery was low; the associated blank spike recovery was acceptable.
- N1 A description of variances described in the final report. See case narrative.
- Q3 Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements.
- R1 LFB/LFBD RPD exceeded the acceptance limits, but the recovery was acceptable.
- V1 CCV recovery was above the acceptance limits. This target analyte was not detected above the maximal allowable concentrations or less than the limit of quantitation.

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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