

High Grade Confidential

License#: 00000077DCPS00216601

2320 E Baseline Rd Ste 490

Phoenix, AZ 85042

(520) 780-7740

Additional Licenses:

Batch #: 05101321; External Lot #:

Sample Batch Collection: 10/21/21 13:39; Sample Batch Collected By: High Grade Confiden

Sample Received: 10/21/2021; Report Created: 11/10/2021

Kush Mints

Laboratory Number: 2110176-10
Flower

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



Residual Solvents (GCMS-MS) Analyzed: By:

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

Cannabinoid (HPLC) Analyzed: 10/28/21 By: EGP

Analyte	LOQ %	%	mg/g	Q
THC-A	0.51	18.08	180.8	D1
delta 9-THC	0.05	0.33	3.3	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.36	3.6	
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	ND	ND	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 11/03/21 By: MLC

Element	RL	ppm	Q
Arsenic	0.096	ND	
Cadmium	0.096	ND	
Lead	0.096	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 10/25/2021 By: MEF

Pathogens	RL	Result	Units	Q
E. coli	10.0	300	cfu/g	

Regulated Microbials (PCR) Analyzed: 10/26/2021 By: MEF

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

16.23 % 162.34 mg/g Total THC	0.00 % 0.00 mg/g Total CBD	18.80 % 188.00 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
NA = Not Applicable
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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 10/28/21 By: LEH							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.186	ND		Acequinocyl	0.929	ND	V1
Acetamiprid	0.093	ND		Aldicarb	0.186	ND	
Azoxystrobin	0.093	ND		Bifenthrin	0.093	ND	
Boscalid	0.186	ND		Carbaryl	0.093	ND	
Carbofuran	0.093	ND		Chlorpyrifos	0.093	ND	
Diazinon	0.093	ND		Dimethoate	0.093	ND	
Ethoprophos	0.093	ND		Etofenprox	0.186	ND	
Etoxazole	0.093	ND		Fenoxycarb	0.093	ND	
Fenpyroximate E	0.186	ND		Fonicamid	0.464	ND	
Fludioxonil	0.186	ND		Hexythiazox	0.464	ND	
Imazalil	0.093	ND		Imidacloprid	0.186	ND	
Kresoxim-methyl	0.186	ND		Malathion	0.093	ND	
Metalaxyl	0.093	ND		Methiocarb	0.093	ND	
Methomyl	0.186	ND		Myclobutanil	0.093	ND	
Naled	0.232	ND		Oxamyl	0.464	ND	
Piperonyl butoxide	0.929	ND		Propiconazole	0.186	ND	
Propoxure	0.093	ND		Spiromesifen	0.093	ND	
Spirotetramat	0.093	ND		Spiroxamine	0.186	ND	
Tebuconazole	0.186	ND		Thiacloprid	0.093	ND	
Thiamethoxam	0.093	ND		Trifloxystrobin	0.093	ND	
Abamectin	0.232	ND	V1	Bifenazate	0.093	ND	V1
Chlorantraniliprole	0.093	ND		Clofentezine	0.093	ND	
Cyfluthrin	0.929	ND		Cypermethrin	0.464	ND	
Daminozide	0.464	ND	V1	DDVP (Dichlorvos)	0.046	ND	
Fipronil	0.186	ND		Paclobutrazol	0.186	ND	
Permethrins	0.093	ND		Phosmet	0.093	ND	
Prallethrin	0.093	ND	V1	Pyrethrins	0.464	ND	V1
Pyridaben	0.093	ND		Spinosad	0.093	ND	
Chlorfenapyr	0.929	ND					

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

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
Total Coliform	NT	NT	cfu/g	
Yeast	NT	NT	cfu/g	
Mold	NT	NT	cfu/g	
Aerobic Bacteria	NT	NT	cfu/g	
Enterobacteria	NT	NT	cfu/g	

Terpenes (GCMS-MS) Analyzed: 11/09/21 By: MLC

	%	mg/g	Q
Compound			
alpha-Bisabolol	0.04	0.4	
(-)-Borneol and (+)-Borneol	ND	ND	
Camphene	ND	ND	
Camphor	ND	ND	
beta-Caryophyllene	ND	ND	
trans-Caryophyllene	0.43	4.3	
Caryophyllene Oxide	ND	ND	
alpha-Cedrene	0.08	0.8	
Cedrol	ND	ND	
Endo-fenchyl Alcohol	0.03	0.3	
Eucalyptol	ND	ND	
Fenchone	ND	ND	
Geraniol	ND	ND	
Geranyl acetate	ND	ND	
Guaiol	ND	ND	
Hexahydrothymol	ND	ND	
alpha-Humulene	0.19	1.9	
Isoborneol	ND	ND	
Isopulegol	ND	ND	
Limonene	0.23	2.3	
Linalool	0.10	1	
p-Mentha-1,5-diene	ND	ND	
beta-Myrcene	0.22	2.2	
trans-Nerolidol	0.04	0.4	
Ocimene	ND	ND	
alpha-Pinene	ND	ND	
beta-Pinene	ND	ND	
Pulegone	ND	ND	
Sabinene	ND	ND	
Sabinene Hydrate	ND	ND	
gamma-Terpinene	ND	ND	
alpha-Terpinene	ND	ND	
3-Carene	ND	ND	
Terpineol	ND	ND	
Terpinolene	ND	ND	
Valencene	ND	ND	
Nerol	ND	ND	
cis-Nerolidol	ND	ND	
Total Terpenes	1.37	13.70	

Water Activity (Moisture Reactor) Analyzed: By:

	AW	Q
Compound		
Water Activity	NT	

Moisture (Drying Oven) Analyzed: By:

	%	Q
Compound		
Percent Moisture	NT	

pH Test (HannHI11310) Analyzed: By:

	NA	Q
Compound		
pH	NT	

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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.
- 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.

Terpene analysis not regulated by Arizona Department of Health .

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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