

## High Grade Confidential

License#: 00000077DCPS00216601  
2320 E Baseline Rd Ste 490  
Phoenix, AZ 85042  
(520) 780-7740

Additional Licenses:  
Batch #: 06102721; External Lot #:  
Sample Batch Collection: 11/04/21 10:27; Sample Batch Collected By: High Grade Confiden  
Sample Received: 11/4/2021; Report Created: 11/18/2021

AMF OG

Laboratory Number: 2111043-06  
Flower

<b>Herbicides</b> Not Tested	<b>Pesticides</b> PASS	<b>Residual Solvents</b> Not Tested	<b>Metals</b> PASS	<b>Mycotoxins</b> Not Tested	<b>Aspergillus</b> PASS	<b>E. Coli/ Salmonella</b> PASS
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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: 11/12/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.49	21.98	219.8	D1
delta 9-THC	0.05	0.72	7.2	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.72	7.2	
CBD-A	0.05	0.06	0.6	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.05	0.5	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 11/17/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.101	ND	
Cadmium	0.101	ND	
Lead	0.101	ND	
Mercury	0.010	ND	

20.02 % 200.23 mg/g <b>Total THC</b>	0.05 % 0.53 mg/g <b>Total CBD</b>	23.50 % 235.00 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 Microbials (Petrifilm) Analyzed: 11/13/2021 By: TCJ

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

Regulated Microbials (PCR) Analyzed: 11/15/2021 By: LEF

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

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: 11/11/21 By: LEH							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.204	ND		Acequinocyl	1.02	ND	R1
Acetamiprid	0.102	ND	R1	Aldicarb	0.204	ND	R1
Azoxystrobin	0.102	ND		Bifenthrin	0.102	ND	R1
Boscalid	0.204	ND		Carbaryl	0.102	ND	R1
Carbofuran	0.102	ND		Chlorpyrifos	0.102	ND	R1
Diazinon	0.102	ND	R1	Dimethoate	0.102	ND	R1
Ethoprophos	0.102	ND	R1	Etofenprox	0.204	ND	R1
Etoxazole	0.102	ND	R1	Fenoxycarb	0.102	ND	M1, R1
Fenpyroximate E	0.204	ND		Fonicamid	0.510	ND	R1
Fludioxonil	0.204	ND		Hexythiazox	0.510	ND	
Imazalil	0.102	ND		Imidacloprid	0.204	ND	R1
Kresoxim-methyl	0.204	ND	R1	Malathion	0.102	ND	R1
Metalaxyl	0.102	ND	R1	Methiocarb	0.102	ND	R1
Methomyl	0.204	ND	R1	Myclobutanil	0.102	ND	R1
Naled	0.255	ND	R1	Oxamyl	0.510	ND	
Piperonyl butoxide	1.02	ND	R1	Propiconazole	0.204	ND	R1
Propoxure	0.102	ND		Spiromesifen	0.102	ND	R1
Spirotetramat	0.102	ND	R1	Spiroxamine	0.204	ND	
Tebuconazole	0.204	ND	R1	Thiacloprid	0.102	ND	R1
Thiamethoxam	0.102	ND	R1	Trifloxystrobin	0.102	ND	R1
Abamectin	0.255	ND		Bifenazate	0.102	ND	V1
Chlorantraniliprole	0.102	ND		Clofentezine	0.102	ND	R1
Cyfluthrin	1.02	ND	V1	Cypermethrin	0.510	ND	
Daminozide	0.510	ND	L1, R1, V1	DDVP (Dichlorvos)	0.051	ND	V1
Fipronil	0.204	ND	R1	Paclobutrazol	0.204	ND	R1
Permethrins	0.102	ND	R1	Phosmet	0.102	ND	R1
Prallethrin	0.102	ND	R1, V1	Pyrethrins	0.510	ND	R1, V1
Pyridaben	0.102	ND	R1	Spinosad	0.102	ND	R1
Chlorfenapyr	1.02	ND	R1				

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
<b>Pathogens</b>				
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: By:

	%	mg/g	Q
<b>Compound</b>			
alpha-Bisabolol	NT	NT	
(-)-Borneol and (+)-Borneol	NT	NT	
Camphene	NT	NT	
Camphor	NT	NT	
beta-Caryophyllene	NT	NT	
trans-Caryophyllene	NT	NT	
Caryophyllene Oxide	NT	NT	
alpha-Cedrene	NT	NT	
Cedrol	NT	NT	
Endo-fenchyl Alcohol	NT	NT	
Eucalyptol	NT	NT	
Fenchone	NT	NT	
Geraniol	NT	NT	
Geranyl acetate	NT	NT	
Guaiol	NT	NT	
Hexahydrothymol	NT	NT	
alpha-Humulene	NT	NT	
Isoborneol	NT	NT	
Isopulegol	NT	NT	
Limonene	NT	NT	
Linalool	NT	NT	
p-Mentha-1,5-diene	NT	NT	
beta-Myrcene	NT	NT	
trans-Nerolidol	NT	NT	
Ocimene	NT	NT	
alpha-Pinene	NT	NT	
beta-Pinene	NT	NT	
Pulegone	NT	NT	
Sabinene	NT	NT	
Sabinene Hydrate	NT	NT	
gamma-Terpinene	NT	NT	
alpha-Terpinene	NT	NT	
3-Carene	NT	NT	
Terpineol	NT	NT	
Terpinolene	NT	NT	
Valencene	NT	NT	
Nerol	NT	NT	
cis-Nerolidol	NT	NT	
<b>Total Terpenes</b>	NT	NT	

Water Activity (Moisture Reactor) Analyzed: By:

	AW	Q
<b>Compound</b>		
Water Activity	NT	

Moisture (Drying Oven) Analyzed: By:

	%	Q
<b>Compound</b>		
Percent Moisture	NT	

pH Test (HannHI11310) Analyzed: By:

	NA	Q
<b>Compound</b>		
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.
- 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.
- 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.

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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