

## High Grade Confidential

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

Additional Licenses:  
Batch #: 06082521; External Lot #:  
Sample Batch Collection: 09/01/21 13:23; Sample Batch Collected By: High Grade Confiden  
Sample Received: 9/1/2021; Report Created: 9/17/2021

Zookies

Laboratory Number: 2109005-03  
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: 09/08/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.51	21.97	219.7	D1
delta 9-THC	0.05	0.46	4.6	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.34	3.4	
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	0.07	0.7	
CBC	0.05	ND	ND	

### Metals (ICP-MS) Analyzed: 09/09/21 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: 9/9/2021 By: NKB

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

### Regulated Microbials (PCR) Analyzed: 9/9/2021 By: MEF

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

19.76 % 197.57 mg/g <b>Total THC</b>	0.05 % 0.51 mg/g <b>Total CBD</b>	22.90 % 229.00 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: 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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00000003LCIN00627986

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Pesticides (LC-MS TQ) Analyzed: 09/09/21 By: MLC							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.194	ND		Acequinocyl	0.968	ND	
Acetamiprid	0.097	ND		Aldicarb	0.194	ND	
Azoxystrobin	0.097	ND		Bifenthrin	0.097	ND	
Boscalid	0.194	ND		Carbaryl	0.097	ND	
Carbofuran	0.097	ND		Chlorpyrifos	0.097	ND	
Diazinon	0.097	ND		Dimethoate	0.097	ND	
Ethoprophos	0.097	ND		Etofenprox	0.194	ND	
Etoxazole	0.097	ND		Fenoxycarb	0.097	ND	
Fenpyroximate E	0.194	ND		Fonicamid	0.484	ND	
Fludioxonil	0.194	ND		Hexythiazox	0.484	ND	
Imazalil	0.097	ND		Imidacloprid	0.194	ND	
Kresoxim-methyl	0.194	ND		Malathion	0.097	ND	
Metalaxyl	0.097	ND		Methiocarb	0.097	ND	
Methomyl	0.194	ND		Myclobutanil	0.097	ND	
Naled	0.242	ND		Oxamyl	0.484	ND	
Piperonyl butoxide	0.968	ND		Propiconazole	0.194	ND	
Propoxure	0.097	ND		Spiromesifen	0.097	ND	
Spirotetramat	0.097	ND		Spiroxamine	0.194	ND	
Tebuconazole	0.194	ND		Thiacloprid	0.097	ND	
Thiamethoxam	0.097	ND		Trifloxystrobin	0.097	ND	
Abamectin	0.242	ND		Bifenazate	0.097	ND	V1
Chlorantraniliprole	0.097	ND		Clofentezine	0.097	ND	
Cyfluthrin	0.968	ND		Cypermethrin	0.484	ND	
Daminozide	0.484	ND	L1, V1	DDVP (Dichlorvos)	0.048	ND	
Fipronil	0.194	ND		Paclobutrazol	0.194	ND	
Permethrins	0.097	ND		Phosmet	0.097	ND	
Prallethrin	0.097	ND	V1	Pyrethrins	0.484	ND	
Pyridaben	0.097	ND	M2	Spinosad	0.097	ND	
Chlorfenapyr	0.968	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
<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: 09/08/21 By: JVR			
Compound	%	mg/g	Q
alpha-Bisabolol	0.11	1.1	N1
(-)-Borneol and (+)-Borneol	ND	ND	N1
Camphene	ND	ND	N1
Camphor	ND	ND	N1
beta-Caryophyllene	ND	ND	N1
trans-Caryophyllene	0.74	7.4	N1
Caryophyllene Oxide	ND	ND	N1
alpha-Cedrene	0.17	1.7	N1
Cedrol	ND	ND	N1
Endo-fenchyl Alcohol	0.04	0.4	N1
Eucalyptol	ND	ND	N1
Fenchone	ND	ND	N1
Geraniol	ND	ND	N1
Geranyl acetate	ND	ND	N1
Guaiol	ND	ND	N1
Hexahydrothymol	ND	ND	N1
alpha-Humulene	0.33	3.3	N1
Isoborneol	ND	ND	N1
Isopulegol	ND	ND	N1
Limonene	0.32	3.2	N1
Linalool	0.22	2.2	N1
p-Mentha-1,5-diene	ND	ND	N1
beta-Myrcene	0.04	0.4	N1
trans-Nerolidol	ND	ND	N1
Ocimene	ND	ND	N1
alpha-Pinene	0.04	0.4	N1
beta-Pinene	0.05	0.5	N1
Pulegone	ND	ND	N1
Sabinene	ND	ND	N1
Sabinene Hydrate	ND	ND	N1
gamma-Terpinene	ND	ND	N1
alpha-Terpinene	ND	ND	N1
3-Carene	ND	ND	N1
Terpineol	0.05	0.5	N1
Terpinolene	ND	ND	N1
Valencene	ND	ND	N1
Nerol	ND	ND	N1
cis-Nerolidol	ND	ND	N1
<b>Total Terpenes</b>	<b>2.10</b>	<b>21.00</b>	<b>N1</b>

Water Activity (Moisture Reactor) Analyzed: By:			
Compound	AW		Q
Water Activity	NT		

Moisture (Drying Oven) Analyzed: By:			
Compound	%		Q
Percent Moisture	NT	NT	

pH Test (HannHI11310) Analyzed: By:			
Compound	NA		Q
pH		NT	

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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.
- N1 Terpenes not regulated as per ADHS.
- 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.
- 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.

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