

## High Grade Confidential

License#: 00000077DCPS00216601

2320 E Baseline Rd Ste 490

Phoenix, AZ 85042

(520) 780-7740

Additional Licenses:

Batch #: 01051221168; External Lot #:

Sample Batch Collection: 09/15/21 10:37; Sample Batch Collected By: High Grade Confiden

Sample Received: 9/15/2021; Report Created: 10/21/2021

Distillate #168

Laboratory Number: 2109115-02  
Concentrates

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



### Residual Solvents (GCMS-MS) Analyzed: 09/22/21 By: ZEN

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: 09/18/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.10	ND	ND	
delta 9-THC	1.92	88.54	885	D1
delta 8-THC	0.10	ND	ND	
THC-V	0.10	1.48	14.8	
CBG-A	0.10	ND	ND	
CBD-A	0.10	ND	ND	
CBD	0.10	0.36	3.59	
CBD-V	0.10	ND	ND	
CBN	0.10	0.44	4.35	
CBG	0.10	2.87	28.7	
CBC	0.10	ND	ND	

### Metals (ICP-MS) Analyzed: 09/22/21 By: MLC

Element	RL	ppm	Q
Arsenic	0.101	ND	M1
Cadmium	0.101	ND	
Lead	0.101	ND	
Mercury	0.010	ND	

### Regulated Microbials (Petrifilm) Analyzed: 9/17/2021 By: NKB

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

### Regulated Microbials (PCR) Analyzed: 9/18/2021 By: LEF

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

88.50 % 885.00 mg/g <b>Total THC</b>	0.36 % 3.59 mg/g <b>Total CBD</b>	93.70 % 937.00 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: 09/24/21 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	0.950	ND	
Ochratoxins	1.90	ND	L1

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Erin Polly  
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 09/20/21 By: LEH							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.190	ND	R1, V1	Acequinocyl	0.950	ND	V1
Acetamiprid	0.095	ND	R1	Aldicarb	0.190	ND	
Azoxystrobin	0.095	ND		Bifenthrin	0.095	ND	
Boscalid	0.190	ND		Carbaryl	0.095	ND	
Carbofuran	0.095	ND		Chlorpyrifos	0.095	ND	
Diazinon	0.095	ND		Dimethoate	0.095	ND	R1
Ethoprophos	0.095	ND		Etofenprox	0.190	ND	
Etoxazole	0.095	ND		Fenoxycarb	0.095	ND	
Fenpyroximate E	0.190	ND		Flonicamid	0.475	ND	
Fludioxonil	0.190	ND	M2	Hexythiazox	0.475	ND	
Imazalil	0.095	ND	L1	Imidacloprid	0.190	ND	
Kresoxim-methyl	0.190	ND		Malathion	0.095	ND	
Metalaxyl	0.095	ND		Methiocarb	0.095	ND	
Methomyl	0.190	ND		Myclobutanil	0.095	ND	
Naled	0.237	ND		Oxamyl	0.475	ND	
Piperonyl butoxide	0.950	ND		Propiconazole	0.190	ND	
Propoxure	0.095	ND		Spiromesifen	0.095	ND	
Spirotetramat	0.095	ND		Spiroxamine	0.190	ND	V1
Tebuconazole	0.190	ND		Thiacloprid	0.095	ND	
Thiamethoxam	0.095	ND		Trifloxystrobin	0.095	ND	
Abamectin	0.237	ND	R1	Bifenazate	0.095	ND	
Chlorantraniliprole	0.095	ND		Clofentezine	0.095	ND	
Cyfluthrin	0.950	ND	R1	Cypermethrin	0.475	ND	
Daminozide	0.475	ND	V1	DDVP (Dichlorvos)	0.047	ND	M1, V1
Fipronil	0.190	ND		Paclobutrazol	0.190	ND	
Permethrins	0.095	ND		Phosmet	0.095	ND	
Prallethrin	0.095	ND	V1	Pyrethrins	0.475	ND	
Pyridaben	0.095	ND		Spinosad	0.095	ND	L1, V1
Chlorfenapyr	0.950	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: 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.
- 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.
- M1 Matrix spike recovery is high, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- M2 Matrix spike recovery is low, 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.

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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