

## High Grade Confidential

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

Additional Licenses:  
Batch #: 010714213794; External Lot #:  
Sample Batch Collection: 09/06/21 15:15; Sample Batch Collected By: High Grade Confiden  
Sample Received: 9/8/2021; Report Created: 9/21/2021

Dr. Who Shatter

Laboratory Number: 2109051-04  
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: 09/17/21 By: KSG

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: 09/13/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	2.05	86.48	865	D1
delta 9-THC	0.10	2.52	25.2	
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.13	1.28	
CBG-A	0.10	1.96	19.6	
CBD-A	0.10	0.29	2.86	
CBD	0.10	ND	ND	
CBD-V	0.10	ND	ND	
CBN	0.10	ND	ND	
CBG	0.10	0.32	3.23	
CBC	0.10	ND	ND	

Metals (ICP-MS) Analyzed: 09/20/21 By: MLC

Element	RL	ppm	Q
Arsenic	0.100	ND	M1
Cadmium	0.100	ND	
Lead	0.100	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 9/11/2021 By: NKB

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

Regulated Microbials (PCR) Analyzed: 9/15/2021 By: MEF

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

78.32 % 783.20 mg/g <b>Total THC</b>	0.25 % 2.51 mg/g <b>Total CBD</b>	91.70 % 917.00 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: 09/15/21 By: EGP

Pathogens	RL	ppb	Q
Aflatoxins	0.986	ND	
Ochratoxins	1.97	ND	M1

RL = Reporting Limit  
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Erin Polly  
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 09/14/21 By: LEH							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.197	ND	V1	Acequinocyl	0.986	ND	V1
Acetamiprid	0.099	ND	V1	Aldicarb	0.197	ND	V1
Azoxystrobin	0.099	ND	V1	Bifenthrin	0.099	ND	V1
Boscalid	0.197	ND	R1, V1	Carbaryl	0.099	ND	V1
Carbofuran	0.099	ND	V1	Chlorpyrifos	0.099	ND	V1
Diazinon	0.099	ND	V1	Dimethoate	0.099	ND	V1
Ethoprophos	0.099	ND	V1	Etofenprox	0.197	ND	V1
Etoxazole	0.099	ND	V1	Fenoxycarb	0.099	ND	V1
Fenpyroximate E	0.197	ND	V1	Fonicamid	0.493	ND	V1
Fludioxonil	0.197	ND	R1, V1	Hexythiazox	0.493	ND	V1
Imazalil	0.099	ND	V1	Imidacloprid	0.197	ND	V1
Kresoxim-methyl	0.197	ND	V1	Malathion	0.099	ND	V1
Metalaxyl	0.099	ND	V1	Methiocarb	0.099	ND	V1
Methomyl	0.197	ND	V1	Myclobutanil	0.099	ND	V1
Naled	0.247	ND	R1, V1	Oxamyl	0.493	ND	V1
Piperonyl butoxide	0.986	ND	V1	Propiconazole	0.197	ND	V1
Propoxure	0.099	ND	V1	Spiromesifen	0.099	ND	V1
Spirotetramat	0.099	ND	V1	Spiroxamine	0.197	ND	V1
Tebuconazole	0.197	ND	V1	Thiacloprid	0.099	ND	V1
Thiamethoxam	0.099	ND	V1	Trifloxystrobin	0.099	ND	V1
Abamectin	0.247	ND	V1	Bifenazate	0.099	ND	V1
Chlorantraniliprole	0.099	ND	V1	Clofentezine	0.099	ND	V1
Cyfluthrin	0.986	ND	V1	Cypermethrin	0.493	ND	V1
Daminozide	0.493	ND	L1, V1	DDVP (Dichlorvos)	0.049	ND	V1
Fipronil	0.197	ND	V1	Paclobutrazol	0.197	ND	V1
Permethrins	0.099	ND	R1, V1	Phosmet	0.099	ND	V1
Prallethrin	0.099	ND	V1	Pyrethrins	0.493	ND	V1
Pyridaben	0.099	ND	V1	Spinosad	0.099	ND	V1
Chlorfenapyr	0.986	ND	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	

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	

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	

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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.
- 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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