

High Grade Confidential

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

Additional Licenses:
Batch #: 07063021
Sample Batch Collection: 07/08/21 09:31; Sample Batch Collected By: High Grade Confiden
Sample Received: 7/9/2021; Report Created: 8/1/2021

Dr. Who

Laboratory Number: 2107084-08
Flower

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



Residual Solvents (GCMS-MS) Analyzed: 07/30/21 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: 07/23/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.52	21.22	212.2	D1
delta 9-THC	0.05	0.65	6.5	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.46	4.6	
CBD-A	0.05	0.08	0.8	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.09	0.9	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 07/26/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.100	ND	M1
Cadmium	0.200	ND	D1
Lead	0.100	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 7/16/2021 By: BMR

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

Regulated Microbials (PCR) Analyzed: 7/15/2021 By: MEF

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

19.25 % 192.51 mg/g Total THC	0.07 % 0.67 mg/g Total CBD	22.50 % 225.00 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
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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 07/27/21 By: MLC							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.208	ND		Acequinocyl	1.04	ND	
Acetamiprid	0.104	ND		Aldicarb	0.208	ND	
Azoxystrobin	0.104	ND		Bifenthrin	0.104	ND	
Boscalid	0.208	ND		Carbaryl	0.104	ND	
Carbofuran	0.104	ND		Chlorpyrifos	0.104	ND	
Diazinon	0.104	ND		Dimethoate	0.104	ND	
Ethoprophos	0.104	ND		Etofenprox	0.208	ND	
Etoxazole	0.104	ND		Fenoxycarb	0.104	ND	
Fenpyroximate E	0.208	ND		Flonicamid	0.519	ND	
Fludioxonil	0.208	ND		Hexythiazox	0.519	ND	
Imazalil	0.104	ND		Imidacloprid	0.208	ND	
Kresoxim-methyl	0.208	ND		Malathion	0.104	ND	
Metalaxyl	0.104	ND		Methiocarb	0.104	ND	
Methomyl	0.208	ND		Myclobutanil	0.104	ND	
Naled	0.260	ND		Oxamyl	0.519	ND	
Piperonyl butoxide	1.04	ND		Propiconazole	0.208	ND	
Propoxure	0.104	ND		Spiromesifen	0.104	ND	
Spirotetramat	0.104	ND		Spiroxamine	0.208	ND	
Tebuconazole	0.208	ND		Thiacloprid	0.104	ND	
Thiamethoxam	0.104	ND		Trifloxystrobin	0.104	ND	
Abamectin	0.260	ND		Bifenazate	0.104	ND	V1
Chlorantraniliprole	0.104	ND		Clofentezine	0.104	ND	
Cyfluthrin	1.04	ND	V1	Cypermethrin	0.519	ND	
Daminozide	0.519	ND	V1	DDVP (Dichlorvos)	0.052	ND	
Fipronil	0.208	ND		Paclobutrazol	0.208	ND	
Permethrins	0.104	ND		Phosmet	0.104	ND	
Prallethrin	0.104	ND	V1	Pyrethrins	0.519	ND	
Pyridaben	0.104	ND		Spinosad	0.104	ND	
Chlorfenapyr	1.04	ND					

Herbicides (LC-MS TQ) Analyzed: 07/30/21 By: MLC			
Analyte	RL	ppm	Q
Pendimethalin	0.052	ND	

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
Total Coliform	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Mold	NT	NT	cfu/g	Q3
Aerobic Bacteria	NT	NT	cfu/g	Q3
Enterobacteria	NT	NT	cfu/g	Q3

Terpenes (GCMS-MS) Analyzed: By:

	%	mg/g	Q
Compound			
alpha-Bisabolol	NT	NT	Q3
(-)-Borneol and (+)-Borneol	NT	NT	Q3
Camphene	NT	NT	Q3
Camphor	NT	NT	Q3
beta-Caryophyllene	NT	NT	Q3
trans-Caryophyllene	NT	NT	Q3
Caryophyllene Oxide	NT	NT	Q3
alpha-Cedrene	NT	NT	Q3
Cedrol	NT	NT	Q3
Endo-fenchyl Alcohol	NT	NT	Q3
Eucalyptol	NT	NT	Q3
Fenchone	NT	NT	Q3
Geraniol	NT	NT	Q3
Geranyl acetate	NT	NT	Q3
Guaiol	NT	NT	Q3
Hexahydrothymol	NT	NT	Q3
alpha-Humulene	NT	NT	Q3
Isoborneol	NT	NT	Q3
Isopulegol	NT	NT	Q3
Limonene	NT	NT	Q3
Linalool	NT	NT	Q3
p-Mentha-1,5-diene	NT	NT	Q3
beta-Myrcene	NT	NT	Q3
trans-Nerolidol	NT	NT	Q3
Ocimene	NT	NT	Q3
alpha-Pinene	NT	NT	Q3
beta-Pinene	NT	NT	Q3
Pulegone	NT	NT	Q3
Sabinene	NT	NT	Q3
Sabinene Hydrate	NT	NT	Q3
gamma-Terpinene	NT	NT	Q3
alpha-Terpinene	NT	NT	Q3
3-Carene	NT	NT	Q3
Terpineol	NT	NT	Q3
Terpinolene	NT	NT	Q3
Valencene	NT	NT	Q3
Nerol	NT	NT	Q3
cis-Nerolidol	NT	NT	Q3
Total Terpenes	NT	NT	Q3

Water Activity (Moisture Reacter) Analyzed: By:

	AW	Q
Compound		
Water Activity	NT	Q3

Moisture (Drying Oven) Analyzed: By:

	%	Q
Compound		
Percent Moisture	NT	Q3

pH Test (HannHI11310) Analyzed: By:

	NA	Q
Compound		
pH	NT	Q3

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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.
- M1 Matrix spike recovery is high, 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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