

## High Grade Confidential

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

Additional Licenses:  
Batch #: 02072121  
Sample Batch Collection: 07/28/21 13:20; Sample Batch Collected By: High Grade Confiden  
Sample Received: 7/28/2021; Report Created: 8/20/2021

Jenny Kush

Laboratory Number: 2107241-02  
Flower

<b>Herbicides</b> PASS	<b>Pesticides</b> PASS	<b>Residual Solvents</b> PASS	<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: 08/19/21 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: 08/06/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.48	33.23	332.3	D1
delta 9-THC	0.05	0.61	6.1	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	1.70	17	
CBD-A	0.05	0.10	1	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	ND	ND	
CBG	0.05	0.30	3	
CBC	0.05	ND	ND	

### Metals (ICP-MS) Analyzed: 08/06/21 By: JVR

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

### Regulated Microbials (Petrifilm) Analyzed: 8/2/2021 By: NKB

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

### Regulated Microbials (PCR) Analyzed: 8/2/2021 By: MEF

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

29.71 % 297.10 mg/g <b>Total THC</b>	0.09 % 0.89 mg/g <b>Total CBD</b>	35.90 % 359.00 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  
NA = Not Applicable  
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Erin Polly  
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 08/10/21 By: MLC							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.183	ND		Acequinocyl	0.913	ND	
Acetamiprid	0.091	ND		Aldicarb	0.183	ND	
Azoxystrobin	0.091	ND		Bifenthrin	0.091	ND	
Boscalid	0.183	ND		Carbaryl	0.091	ND	
Carbofuran	0.091	ND		Chlorpyrifos	0.091	ND	
Diazinon	0.091	ND		Dimethoate	0.091	ND	
Ethoprophos	0.091	ND		Etofenprox	0.183	ND	V1
Etoxazole	0.091	ND		Fenoxycarb	0.091	ND	
Fenpyroximate E	0.183	ND		Fonicamid	0.457	ND	
Fludioxonil	0.183	ND		Hexythiazox	0.457	ND	
Imazalil	0.091	ND		Imidacloprid	0.183	ND	
Kresoxim-methyl	0.183	ND		Malathion	0.091	ND	
Metalaxyl	0.091	ND	V1	Methiocarb	0.091	ND	
Methomyl	0.183	ND		Myclobutanil	0.091	ND	
Naled	0.228	ND		Oxamyl	0.457	ND	
Piperonyl butoxide	0.913	ND		Propiconazole	0.183	ND	
Propoxure	0.091	ND		Spiromesifen	0.091	ND	
Spirotetramat	0.091	ND	L1	Spiroxamine	0.183	ND	V1
Tebuconazole	0.183	ND		Thiacloprid	0.091	ND	
Thiamethoxam	0.091	ND		Trifloxystrobin	0.091	ND	
Abamectin	0.228	ND	V1	Bifenazate	0.091	ND	V1
Chlorantraniliprole	0.091	ND	M1	Clofentezine	0.091	ND	
Cyfluthrin	0.913	ND		Cypermethrin	0.457	ND	
Daminozide	0.457	ND		DDVP (Dichlorvos)	0.046	ND	V1
Fipronil	0.183	ND		Paclobutrazol	0.183	ND	V1
Permethrins	0.091	ND		Phosmet	0.091	ND	
Prallethrin	0.091	ND	V1	Pyrethrins	0.457	ND	V1
Pyridaben	0.091	ND		Spinosad	0.091	ND	L1
Chlorfenapyr	0.913	ND					

Herbicides (LC-MS TQ) Analyzed: 08/11/21 By: MLC			
Analyte	RL	ppm	Q
Pendimethalin	0.046	ND	

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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 Reacter) 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.
- 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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