

## High Grade Confidential

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

Additional Licenses:  
Batch #: 150714213798; External Lot #:  
Sample Batch Collection: 09/09/21 16:13; Sample Batch Collected By: High Grade Confiden  
Sample Received: 9/9/2021; Report Created: 9/25/2021

Orange Apricot x MAC Shatter

Laboratory Number: 2109076-02  
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: 09/17/21 By: KSG

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	997.43	
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	M1
Toluene	445.00	ND	M1
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 09/15/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	1.88	82.01	820	D1
delta 9-THC	0.09	2.68	26.8	
delta 8-THC	0.09	ND	ND	
THC-V	0.09	ND	ND	
CBG-A	0.09	2.20	22.0	
CBD-A	0.09	0.32	3.18	
CBD	0.09	0.14	1.38	
CBD-V	0.09	ND	ND	
CBN	0.09	ND	ND	
CBG	0.09	0.38	3.80	
CBC	0.09	0.10	0.971	

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

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

Regulated Microbials (Petrifilm) Analyzed: 9/16/2021 By: MEF

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

Regulated Microbials (PCR) Analyzed: 9/16/2021 By: MEF

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

74.58 % 745.80 mg/g <b>Total THC</b>	0.42 % 4.17 mg/g <b>Total CBD</b>	87.80 % 878.00 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: 09/23/21 By: LEH

Pathogens	RL	ppb	Q
Aflatoxins	1.04	ND	M2
Ochratoxins	2.07	ND	

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Erin Polly  
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 09/16/21 By: JVR							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.207	ND		Acequinocyl	1.04	ND	L1, V1
Acetamiprid	0.104	ND		Aldicarb	0.207	ND	V1
Azoxystrobin	0.104	ND		Bifenthrin	0.104	ND	
Boscalid	0.207	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	0.207	ND	
Etoxazole	0.104	ND		Fenoxycarb	0.104	ND	
Fenpyroximate E	0.207	ND		Fonicamid	0.518	ND	
Fludioxonil	0.207	ND	L1, R1, V1	Hexythiazox	0.518	ND	
Imazalil	0.104	ND		Imidacloprid	0.207	ND	
Kresoxim-methyl	0.207	ND		Malathion	0.104	ND	
Metalaxyl	0.104	ND		Methiocarb	0.104	ND	
Methomyl	0.207	ND		Myclobutanil	0.104	ND	
Naled	0.259	ND		Oxamyl	0.518	ND	
Piperonyl butoxide	1.04	ND		Propiconazole	0.207	ND	
Propoxure	0.104	ND		Spiromesifen	0.104	ND	R1
Spirotetramat	0.104	ND		Spiroxamine	0.207	ND	
Tebuconazole	0.207	ND		Thiacloprid	0.104	ND	
Thiamethoxam	0.104	ND		Trifloxystrobin	0.104	ND	
Abamectin	0.259	ND		Bifenazate	0.104	ND	V1
Chlorantraniliprole	0.104	ND		Clofentezine	0.104	ND	
Cyfluthrin	1.04	ND	V1	Cypermethrin	0.518	ND	
Daminozide	0.518	ND	L1, V1	DDVP (Dichlorvos)	0.052	ND	R1
Fipronil	0.207	ND		Paclobutrazol	0.207	ND	V1
Permethrins	0.104	ND	L1	Phosmet	0.104	ND	
Prallethrin	0.104	ND	R1, V1	Pyrethrins	0.518	ND	V1
Pyridaben	0.104	ND		Spinosad	0.104	ND	
Chlorfenapyr	1.04	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 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.
- 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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