

High Grade Confidential

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

Additional Licenses:
Batch #: 150714213802; External Lot #:
Sample Batch Collection: 09/17/21 10:56; Sample Batch Collected By: High Grade Confiden
Sample Received: 9/17/2021; Report Created: 10/1/2021

Hemlock x Orange Apricot x MAC Applesauce

Laboratory Number: 2109137-01
Concentrates

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



Residual Solvents (GCMS-MS) Analyzed: 09/24/21 By: ZEN

Analyte	RL	ppm	Q
Propane	625.00	ND	V1
Butanes	625.00	ND	M3, V1
Pentanes	145.00	ND	L1
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: 09/21/21 By: CBH

Analyte	LOQ %	%	mg/g	Q
THC-A	1.94	79.29	793	D1
delta 9-THC	0.10	3.34	33.4	
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.12	1.23	
CBG-A	0.10	2.73	27.3	
CBD-A	0.10	0.21	2.13	
CBD	0.10	ND	ND	
CBD-V	0.10	ND	ND	
CBN	0.10	ND	ND	
CBG	0.10	0.32	3.24	
CBC	0.10	ND	ND	

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

Element	RL	ppm	Q
Arsenic	0.019	ND	M1
Cadmium	0.019	ND	
Lead	0.019	ND	
Mercury	0.002	ND	

Regulated Microbials (Petrifilm) Analyzed: 9/20/2021 By: BMR

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

Regulated Microbials (PCR) Analyzed: 9/20/2021 By: LEF

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

72.84 % 728.40 mg/g Total THC	0.19 % 1.86 mg/g Total CBD	86.00 % 860.00 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: 09/28/21 By: JVR

Pathogens	RL	ppb	Q
Aflatoxins	0.952	ND	V1
Ochratoxins	1.90	ND	R1

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Erin Polly
Technical Laboratory Director

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Pesticides (LC-MS TQ) Analyzed: 09/23/21 By: LEH							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.190	ND	L1, V1	Acequinocyl	0.952	ND	V1
Acetamiprid	0.095	ND	V1	Aldicarb	0.190	ND	V1
Azoxystrobin	0.095	ND	M2	Bifenthrin	0.095	ND	
Boscalid	0.190	ND		Carbaryl	0.095	ND	
Carbofuran	0.095	ND	M2	Chlorpyrifos	0.095	ND	
Diazinon	0.095	ND		Dimethoate	0.095	ND	V1
Ethoprophos	0.095	ND		Etofenprox	0.190	ND	
Etoxazole	0.095	ND		Fenoxycarb	0.095	ND	
Fenpyroximate E	0.190	ND	V1	Fonicamid	0.476	ND	M2
Fludioxonil	0.190	ND		Hexythiazox	0.476	ND	
Imazalil	0.095	ND	L1, M1	Imidacloprid	0.190	ND	
Kresoxim-methyl	0.190	ND		Malathion	0.095	ND	
Metalaxyl	0.095	ND		Methiocarb	0.095	ND	M2
Methomyl	0.190	ND		Myclobutanil	0.095	ND	
Naled	0.238	ND	M2	Oxamyl	0.476	ND	
Piperonyl butoxide	0.952	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	0.238	ND		Bifenazate	0.095	ND	
Chlorantraniliprole	0.095	ND		Clofentezine	0.095	ND	
Cyfluthrin	0.952	ND	V1	Cypermethrin	0.476	ND	
Daminozide	0.476	ND	V1	DDVP (Dichlorvos)	0.048	ND	V1
Fipronil	0.190	ND	V1	Paclobutrazol	0.190	ND	
Permethrins	0.095	ND	R1	Phosmet	0.095	ND	
Prallethrin	0.095	ND	V1	Pyrethrins	0.476	ND	
Pyridaben	0.095	ND		Spinosad	0.095	ND	L1, V1
Chlorfenapyr	0.952	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
Pathogens				
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
Compound			
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	
Total Terpenes	NT	NT	

Water Activity (Moisture Reactor) Analyzed: By:

	AW	Q
Compound		
Water Activity	NT	

Moisture (Drying Oven) Analyzed: By:

	%	Q
Compound		
Percent Moisture	NT	

pH Test (HannHI11310) Analyzed: By:

	NA	Q
Compound		
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.
- M3 Matrix spike recovery is unusable because the analyte concentration is disproportionate to the spike level, 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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