

High Grade Confidential

License#: 00000077DCPS00216601
2320 E Baseline Rd Ste 490
Phoenix, AZ 85042
(520) 780-7740

Additional Licenses:

Batch #: 02092221; External Lot #:

Sample Batch Collection: 09/29/21 15:26; Sample Batch Collected By: High Grade Confiden
Sample Received: 9/30/2021; Report Created: 10/12/2021

Hemlock

Laboratory Number: 2109259-03
Flower

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



Residual Solvents (GCMS-MS) Analyzed: By:

Analyte	RL	ppm	Q
Propane	NT	NT	
Butanes	NT	NT	
Pentanes	NT	NT	
Acetonitrile	NT	NT	
Dichloromethane	NT	NT	
Hexanes	NT	NT	
Chloroform	NT	NT	
n-Heptane	NT	NT	
Methanol	NT	NT	
Ethanol	NT	NT	
Diethyl Ether	NT	NT	
Acetone	NT	NT	
Isopropanol	NT	NT	
Ethyl acetate	NT	NT	
Isopropyl acetate	NT	NT	
Benzene	NT	NT	
Toluene	NT	NT	
Xylenes	NT	NT	

Cannabinoid (HPLC) Analyzed: 10/02/21 By: KSG

Analyte	LOQ %	%	mg/g	Q
THC-A	0.49	26.32	263.2	D1
delta 9-THC	0.05	0.34	3.4	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	1.07	10.7	
CBD-A	0.05	0.06	0.6	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	0.24	2.4	
CBG	0.05	0.09	0.9	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 10/05/21 By: MLC

Element	RL	ppm	Q
Arsenic	0.101	ND	
Cadmium	0.101	ND	
Lead	0.101	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 10/4/2021 By: MEF

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

Regulated Microbials (PCR) Analyzed: 10/5/2021 By: MEF

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

23.44 % 234.44 mg/g Total THC	0.06 % 0.55 mg/g Total CBD	28.10 % 281.00 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: 10/04/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.198	ND		Acequinocyl	0.991	ND	
Acetamiprid	0.099	ND		Aldicarb	0.198	ND	
Azoxystrobin	0.099	ND		Bifenthrin	0.099	ND	
Boscalid	0.198	ND		Carbaryl	0.099	ND	V1
Carbofuran	0.099	ND		Chlorpyrifos	0.099	ND	
Diazinon	0.099	ND		Dimethoate	0.099	ND	
Ethoprophos	0.099	ND		Etofenprox	0.198	ND	
Etoxazole	0.099	ND		Fenoxycarb	0.099	ND	
Fenpyroximate E	0.198	ND		Flonicamid	0.495	ND	
Fludioxonil	0.198	ND		Hexythiazox	0.495	ND	
Imazalil	0.099	ND		Imidacloprid	0.198	ND	
Kresoxim-methyl	0.198	ND		Malathion	0.099	ND	
Metalaxyl	0.099	ND		Methiocarb	0.099	ND	
Methomyl	0.198	ND		Myclobutanil	0.099	ND	
Naled	0.248	ND		Oxamyl	0.495	ND	
Piperonyl butoxide	0.991	ND		Propiconazole	0.198	ND	
Propoxure	0.099	ND		Spiromesifen	0.099	ND	
Spirotetramat	0.099	ND		Spiroxamine	0.198	ND	
Tebuconazole	0.198	ND		Thiacloprid	0.099	ND	
Thiamethoxam	0.099	ND		Trifloxystrobin	0.099	ND	
Abamectin	0.248	ND		Bifenazate	0.099	ND	
Chlorantraniliprole	0.099	ND		Clofentezine	0.099	ND	
Cyfluthrin	0.991	ND	V1	Cypermethrin	0.495	ND	
Daminozide	0.495	ND	L1, V1	DDVP (Dichlorvos)	0.050	ND	V1
Fipronil	0.198	ND		Paclobutrazol	0.198	ND	
Permethrins	0.099	ND		Phosmet	0.099	ND	
Prallethrin	0.099	ND	V1	Pyrethrins	0.495	ND	V1
Pyridaben	0.099	ND		Spinosad	0.099	ND	
Chlorfenapyr	0.991	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:

Compound	%	mg/g	Q
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 Reacter) Analyzed: By:

Compound	AW	Q
Water Activity	NT	

Moisture (Drying Oven) Analyzed: By:

Compound	%	Q
Percent Moisture	NT	

pH Test (HannHI11310) Analyzed: By:

Compound	NA	Q
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.
- 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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