

High Grade Confidential

License#: 2340 E. University Dr
Phoenix, AZ 85034
(520) 780-7740

Additional Licenses:
Batch #: 020121321
Sample Batch Collection: 01/21/21 07:14; Sample Batch Collected By: High Grade Confiden
Sample Received: 1/21/2021; Report Created: 2/4/2021

Hemlock
Flower

Laboratory Number: 2101128-02

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: 01/26/21 By: MLC

Analyte	RL	ppm	Q
Propane	100.00	ND	
Butanes	100.00	ND	
Pentanes	100.00	ND	
Acetonitrile	205.00	ND	
Dichloromethane	100.00	ND	
Hexanes	100.00	ND	
Chloroform	10.00	ND	
n-Heptane	100.00	ND	
Methanol	500.00	ND	
Ethanol	100.00	ND	
Diethyl Ether	100.00	ND	
Acetone	100.00	115.04	
Isopropanol	100.00	ND	
Ethyl acetate	100.00	ND	
Isopropyl acetate	100.00	ND	
Benzene	1.00	ND	
Toluene	100.00	ND	
Xylenes	100.00	ND	

Cannabinoid (HPLC) Analyzed: 01/23/21 By: TAH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.54	23.96	239.6	D1
delta 9-THC	0.05	0.42	4.2	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	1.11	11.1	
CBD-A	0.05	ND	ND	
CBD	0.05	ND	ND	Q3
CBD-V	0.05	ND	ND	Q3
CBN	0.05	0.20	2	Q3
CBG	0.05	0.09	0.9	Q3
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 01/25/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.050	ND	M1
Cadmium	0.050	ND	
Lead	0.050	ND	
Mercury	0.005	ND	

Regulated Microbials (Petrifilm) Analyzed: 1/24/2021 By: MEF

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

Regulated Microbials (PCR) Analyzed: 1/27/2021 By: MEF

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

21.42 % 214.17 mg/g Total THC	0.00 % 0.00 mg/g Total CBD	25.80 % 258.00 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
NA = Not Applicable
NT = Not Tested
ND = Non Detected
LOQ = Limit of Quantification

Tabitha A. Hauer
Tabitha Hauer
Owner

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Certificate of Analysis

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51 W. Weldon Ave

Phoenix, AZ

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Pesticides (LC-MS TQ) Analyzed: 02/01/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.020	ND		Acequinocyl	0.099	ND	
Acetamiprid	0.010	ND	L1, M1	Aldicarb	0.020	ND	M1
Azoxystrobin	0.010	ND		Bifenthrin	0.010	ND	M2
Boscalid	0.020	ND		Carbaryl	0.010	ND	
Carbofuran	0.010	ND	L1, M2	Chlorpyrifos	0.010	ND	
Diazinon	0.010	ND	M2	Dimethoate	0.010	ND	M1
Ethoprophos	0.010	ND	M2	Etofenprox	0.020	ND	
Etoxazole	0.010	ND		Fenoxycarb	0.010	ND	
Fenpyroximate E	0.020	ND		Fonicamid	0.050	ND	
Fludioxonil	0.020	ND	N1, Q3	Hexythiazox	0.050	ND	L1
Imazalil	0.010	ND	M1	Imidacloprid	0.020	ND	L1, M1
Kresoxim-methyl	0.020	ND		Malathion	0.010	ND	M2
Metalaxyl	0.010	ND	M2	Methiocarb	0.010	ND	
Methomyl	0.020	ND		Myclobutanil	0.010	ND	
Naled	0.025	ND		Oxamyl	0.050	ND	
Piperonyl butoxide	0.099	ND		Propiconazole	0.020	ND	
Propoxure	0.010	ND	L1	Spiromesifen	0.010	ND	L1, R1
Spirotetramat	0.010	ND		Spiroxamine	0.020	ND	
Tebuconazole	0.020	ND	M2	Thiacloprid	0.010	ND	
Thiamethoxam	0.010	ND		Trifloxystrobin	0.010	ND	

Herbicides (LC-MS TQ) Analyzed: 02/01/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.038	ND	Q3

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
Total Coliform	NT	NT	cfu/g	Q3
Mold	NT	NT	cfu/g	Q3
Yeast	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 Reactor) 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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