

High Grade Confidential

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

Additional Licenses:
Batch #: 04012721

Sample Batch Collection: 02/03/21 00:00; Sample Batch Collected By: High Grade Confiden
Sample Received: 2/3/2021; Report Created: 2/18/2021

Hemlock
Flower

Laboratory Number: 2102034-02

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: 02/06/21 By: CBH

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	ND	
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: 02/05/21 By: MLC

Analyte	LOQ %	%	mg/g	Q
THC-A	0.52	23.57	235.7	D1
delta 9-THC	0.05	0.36	3.6	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	0.72	7.2	
CBD-A	0.05	0.06	0.6	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	Q3
CBN	0.05	ND	ND	Q3
CBG	0.05	0.10	1	Q3
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 02/09/21 By: JVR

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

Regulated Microbials (Petrifilm) Analyzed: 2/7/2021 By: LEF

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

Regulated Microbials (PCR) Analyzed: 2/7/2021 By: KRB

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

21.06 % 210.60 mg/g Total THC	0.05 % 0.53 mg/g Total CBD	24.80 % 248.00 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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www.desertvalleytesting.com

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Pesticides (LC-MS TQ) Analyzed: 02/12/21 By: KG							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.019	ND		Acequinocyl	0.095	ND	
Acetamiprid	0.009	ND		Aldicarb	0.019	ND	R1
Azoxystrobin	0.009	ND	M2	Bifenthrin	0.009	ND	M2
Boscalid	0.019	ND	L1	Carbaryl	0.009	ND	
Carbofuran	0.009	ND		Chlorpyrifos	0.009	ND	
Diazinon	0.009	ND	M2	Dimethoate	0.009	ND	
Ethoprophos	0.009	ND		Etofenprox	0.019	ND	
Etoxazole	0.009	ND		Fenoxycarb	0.009	ND	
Fenpyroximate E	0.019	ND		Flonicamid	0.047	ND	
Fludioxonil	0.019	ND	N1, Q3	Hexythiazox	0.047	ND	
Imazalil	0.009	ND	R1	Imidacloprid	0.019	ND	
Kresoxim-methyl	0.019	ND	M2	Malathion	0.009	ND	
Metalaxyl	0.009	ND		Methiocarb	0.009	ND	
Methomyl	0.019	ND		Myclobutanil	0.009	ND	L1
Naled	0.024	ND		Oxamyl	0.047	ND	
Piperonyl butoxide	0.095	ND		Propiconazole	0.019	ND	M2
Propoxure	0.009	ND		Spiromesifen	0.009	ND	
Spirotetramat	0.009	ND		Spiroxamine	0.019	ND	
Tebuconazole	0.019	ND	M2	Thiacloprid	0.009	ND	
Thiamethoxam	0.009	ND		Trifloxystrobin	0.009	ND	

Herbicides (LC-MS TQ) Analyzed: 02/15/21 By: KG			
Analyte	RL	ppm	Q
Pendimethalin	0.036	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 Reacter) 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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