

## High Grade Confidential

License#: 0000077DCPS00216601  
2320 E Baseline Rd Ste 490  
Phoenix, AZ 85042  
(520) 780-7740

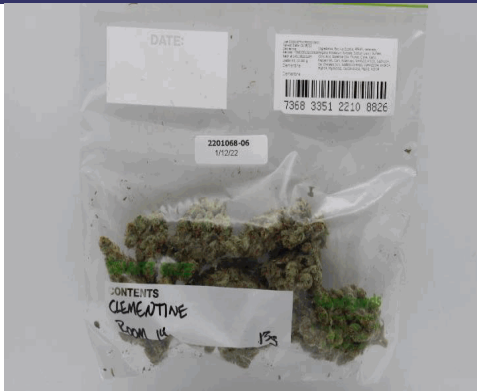
Additional Licenses:  
Batch #: 14010522CLEM; External Lot #:  
Sample Batch Collection: 01/12/22 14:36; Sample Batch Collected By: High Grade Confiden  
Sample Received: 1/12/2022; Report Created: 2/2/2022

Clementine

Laboratory Number: 2201068-06  
Flower

<b>Herbicides</b> Not Tested	<b>Pesticides</b> PASS	<b>Residual Solvents</b> Not Tested	<b>Metals</b> PASS	<b>Mycotoxins</b> Not Tested	<b>Aspergillus</b> PASS	<b>E. Coli/ Salmonella</b> 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: 01/20/22 By: HMH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.48	21.61	216.1	D1
delta 9-THC	0.05	0.69	6.9	
delta 8-THC	0.05	ND	ND	
THC-V	0.05	ND	ND	
CBG-A	0.05	2.10	21	
CBD-A	0.05	0.05	0.5	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	
CBN	0.05	0.13	1.3	
CBG	0.05	0.17	1.7	
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 01/27/22 By: KSG

Element	RL	ppm	Q
Arsenic	0.103	ND	M1
Cadmium	0.103	ND	
Lead	0.103	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 1/17/2022 By: MEF

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

Regulated Microbials (PCR) Analyzed: 1/20/2022 By: MLC

Pathogens	RL	Result	Units	Q
Aspergillus	1.00	Absent	per gram	
Salmonella	1.00	Absent	per gram	

19.64 % 196.42 mg/g <b>Total THC</b>	0.04 % 0.42 mg/g <b>Total CBD</b>	24.75 % 247.50 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: By:

Pathogens	RL	ppb	Q
Aflatoxins	NT	NT	
Ochratoxins	NT	NT	

RL = Reporting Limit  
NA = Not Applicable  
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Erin Polly  
Technical Laboratory Director

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# Certificate of Analysis

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Pesticides (LC-MS TQ) Analyzed: 01/21/22 By: LEH							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.202	ND		Acequinocyl	1.01	ND	
Acetamiprid	0.101	ND		Aldicarb	0.202	ND	
Azoxystrobin	0.101	ND		Bifenthrin	0.101	ND	
Boscalid	0.202	ND		Carbaryl	0.101	ND	
Carbofuran	0.101	ND		Chlorpyrifos	0.101	ND	
Diazinon	0.101	ND		Dimethoate	0.101	ND	
Ethoprophos	0.101	ND		Etofenprox	0.202	ND	
Etoxazole	0.101	ND		Fenoxycarb	0.101	ND	
Fenpyroximate E	0.202	ND		Fonicamid	0.506	ND	
Fludioxonil	0.202	ND		Hexythiazox	0.506	ND	
Imazalil	0.101	ND		Imidacloprid	0.202	ND	
Kresoxim-methyl	0.202	ND		Malathion	0.101	ND	
Metalaxyl	0.101	ND		Methiocarb	0.101	ND	
Methomyl	0.202	ND		Myclobutanil	0.101	ND	
Naled	0.253	ND		Oxamyl	0.506	ND	
Piperonyl butoxide	1.01	ND		Propiconazole	0.202	ND	
Propoxure	0.101	ND		Spiromesifen	0.101	ND	
Spirotetramat	0.101	ND		Spiroxamine	0.202	ND	
Tebuconazole	0.202	ND		Thiacloprid	0.101	ND	
Thiamethoxam	0.101	ND		Trifloxystrobin	0.101	ND	
Abamectin	0.253	ND		Bifenazate	0.101	ND	
Chlorantraniliprole	0.101	ND		Clofentezine	0.101	ND	
Cyfluthrin	1.01	ND		Cypermethrin	0.506	ND	
Daminozide	0.506	ND	L1	DDVP (Dichlorvos)	0.051	ND	V1
Fipronil	0.202	ND		Paclobutrazol	0.202	ND	
Permethrins	0.101	ND	V1	Phosmet	0.101	ND	
Prallethrin	0.101	ND	V1	Pyrethrins	0.506	ND	L1
Pyridaben	0.101	ND		Spinosad	0.101	ND	
Chlorfenapyr	1.01	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 Reactor) Analyzed: By:

	AW	Q
<b>Compound</b>		
Water Activity	NT	

Moisture (Drying Oven) Analyzed: By:

	%	Q
<b>Compound</b>		
Percent Moisture	NT	NT

pH Test (HannHI11310) Analyzed: By:

	NA	Q
<b>Compound</b>		
pH	NT	

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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.
- 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.
- 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.

Terpene analysis not regulated by Arizona Department of Health .

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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