

Obelisk/Achieve

License#: 1039 E. Carefree Hwy
Phoenix, AZ 85085
(602) 224-5999

Additional Licenses:
Batch #: 15010621

Sample Batch Collection: 04/27/21 00:00; Sample Batch Collected By: Bobby Johnson
Sample Received: 4/27/2021; Report Created: 5/13/2021

Clementine Batter

Laboratory Number: 2104208-02
Concentrates

Herbicides PASS	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: 05/05/21 By: CBH

Analyte	RL	ppm	Q
Propane	625.00	ND	
Butanes	625.00	1015.3	
Pentanes	145.00	ND	
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: 04/30/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	1.99	79.15	792	D1
delta 9-THC	0.10	7.18	71.8	
delta 8-THC	0.10	ND	ND	
THC-V	0.10	0.27	2.70	
CBG-A	0.10	5.11	51.1	
CBD-A	0.10	0.17	1.73	
CBD	0.10	ND	ND	
CBD-V	0.10	ND	ND	Q3
CBN	0.10	ND	ND	Q3
CBG	0.10	0.80	7.98	Q3
CBC	0.10	0.12	1.24	

Metals (ICP-MS) Analyzed: 05/03/21 By: JVR

Element	RL	ppm	Q
Arsenic	0.100	ND	M1
Cadmium	0.100	ND	
Lead	0.100	ND	
Mercury	0.010	ND	

Regulated Microbials (Petrifilm) Analyzed: 4/29/2021 By: MEF

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

Regulated Microbials (PCR) Analyzed: 4/30/2021 By: KRB

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

76.58 % 765.80 mg/g Total THC	0.15 % 1.52 mg/g Total CBD	92.80 % 928.00 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: 05/03/21 By: KSG

Pathogens	RL	ppb	Q
Aflatoxins	0.958	ND	
Ochratoxins	1.92	ND	

RL = Reporting Limit
NA = Not Applicable
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Tabitha A. Hauer
Tabitha Hauer
Owner

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Certificate of Analysis

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Pesticides (LC-MS TQ) Analyzed: 05/02/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.096	ND		Acequinocyl	0.479	ND	
Acetamiprid	0.048	ND		Aldicarb	0.096	ND	
Azoxystrobin	0.048	ND		Bifenthrin	0.048	ND	
Boscalid	0.096	ND	M2	Carbaryl	0.048	ND	
Carbofuran	0.048	ND		Chlorpyrifos	0.048	ND	M2
Diazinon	0.048	ND	M2	Dimethoate	0.048	ND	
Ethoprophos	0.048	ND		Etofenprox	0.096	ND	M2
Etoxazole	0.048	ND	M2	Fenoxycarb	0.048	ND	M2
Fenpyroximate E	0.096	ND		Fonicamid	0.239	ND	
Fludioxonil	0.096	ND		Hexythiazox	0.239	ND	
Imazalil	0.048	ND		Imidacloprid	0.096	ND	
Kresoxim-methyl	0.096	ND	M2	Malathion	0.048	ND	M2
Metalaxyl	0.048	ND		Methiocarb	0.048	ND	M2
Methomyl	0.096	ND		Myclobutanil	0.048	ND	M2
Naled	0.120	ND		Oxamyl	0.239	ND	
Piperonyl butoxide	0.479	ND		Propiconazole	0.096	ND	M2
Propoxure	0.048	ND		Spiromesifen	0.048	ND	M2
Spirotetramat	0.048	ND	M2	Spiroxamine	0.096	ND	
Tebuconazole	0.096	ND	M2	Thiacloprid	0.048	ND	
Thiamethoxam	0.048	ND		Trifloxystrobin	0.048	ND	
Abamectin	0.120	ND	Q3 M2	Bifenazate	0.048	ND	Q3 M2
Chlorantraniliprole	0.048	ND	Q3 M2	Clofentezine	0.048	ND	Q3 M2
Cyfluthrin	0.239	ND	Q3 M2	Cypermethrin	0.239	ND	Q3 M2
Daminozide	0.239	ND	Q3 L1, N1	DDVP (Dichlorvos)	0.005	ND	Q3 M2
Fipronil	0.096	ND	Q3	Paclobutrazol	0.096	ND	Q3 M2
Permethrins	0.048	ND	Q3 M2	Phosmet	0.048	ND	Q3
Prallethrin	0.048	ND	Q3 M2	Pyrethrins	0.239	ND	Q3 M2
Pyridaben	0.048	ND	Q3	Spinosad	0.048	ND	Q3
Chlorfenapyr	0.958	ND	Q3 M2				

Herbicides (LC-MS TQ) Analyzed: 05/02/21 By: EGP			
Analyte	RL	ppm	Q
Pendimethalin	0.019	ND	

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

	RL	Result	Units	Q
Pathogens				
Total Coliform	NT	NT	cfu/g	Q3
Yeast	NT	NT	cfu/g	Q3
Mold	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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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.
- M2 Matrix spike recovery is low, but the recovery from the laboratory control sample and duplicate are within acceptance criteria.
- N1 A description of any variances from the requirements in the QAP, the applicable SOPs, or that Administration made to ensure scientifically valid and defensible testing results, and the reason for the variance; see case narrative.
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.

N1-Daminozide MS did not meet acceptance criteria.

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