

Genesis Bioceuticals LLC

License#: 1120 W. Watkins St
Phoenix, AZ 85007
602-721-6662

Additional Licenses:
Batch #: MAC1DC-0280-20210202
Sample Batch Collection: 02/04/21 15:35; Sample Batch Collected By: Genesis Bioceuticals
Sample Received: 2/4/2021; Report Created: 2/24/2021

MAC1(Cap's Cut) - 020421H

Laboratory Number: 2102056-01

Flower

Herbicides Not Tested	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: 02/09/21 By: TAH

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: 02/09/21 By: LEH

Analyte	LOQ %	%	mg/g	Q
THC-A	0.46	20.53	205.3	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	0.66	6.6	
CBD-A	0.05	ND	ND	
CBD	0.05	ND	ND	
CBD-V	0.05	ND	ND	Q3
CBN	0.05	ND	ND	Q3
CBG	0.05	ND	ND	Q3
CBC	0.05	ND	ND	

Metals (ICP-MS) Analyzed: 02/12/21 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: 2/9/2021 By: LEF

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

Regulated Microbials (PCR) Analyzed: 2/9/2021 By: MEF

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

18.43 % 184.25 mg/g Total THC	0.00 % 0.00 mg/g Total CBD	21.60 % 216.00 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	

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Tabitha Hauer
Owner

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Certificate of Analysis

00000003LCIN00627986

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Pesticides (LC-MS TQ) Analyzed: 02/20/21 By: EGP							
Analyte	RL	ppm	Q	Analyte	RL	ppm	Q
Acephate	0.107	ND		Acequinocyl	0.535	ND	L1, N1, V1
Acetamiprid	0.053	ND	L1	Aldicarb	0.107	ND	
Azoxystrobin	0.053	ND		Bifenthrin	0.053	ND	
Boscalid	0.107	ND		Carbaryl	0.053	ND	
Carbofuran	0.053	ND	V1	Chlorpyrifos	0.053	ND	V1
Diazinon	0.053	ND	V1	Dimethoate	0.053	ND	
Ethoprophos	0.053	ND	V1	Etofenprox	0.107	ND	L1
Etoxazole	0.053	ND	V1	Fenoxycarb	0.053	ND	
Fenpyroximate E	0.107	ND	M2, V1	Flonicamid	0.267	ND	
Fludioxonil	0.107	ND		Hexythiazox	0.267	ND	M2
Imazalil	0.053	ND	M1	Imidacloprid	0.107	ND	
Kresoxim-methyl	0.107	ND		Malathion	0.053	ND	M2
Metalaxyl	0.053	ND	V1	Methiocarb	0.053	ND	V1
Methomyl	0.107	ND		Myclobutanil	0.053	ND	
Naled	0.134	ND		Oxamyl	0.267	ND	
Piperonyl butoxide	0.535	ND		Propiconazole	0.107	ND	R1
Propoxure	0.053	ND		Spiromesifen	0.053	ND	V1
Spirotetramat	0.053	ND	V1	Spiroxamine	0.107	ND	
Tebuconazole	0.107	ND		Thiacloprid	0.053	ND	
Thiamethoxam	0.053	ND	V1	Trifloxystrobin	0.053	ND	V1

Herbicides (LC-MS TQ) Analyzed: By:			
Analyte	RL	ppm	Q
Pendimethalin	NT	NT	Q3

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Non-Regulated Microbials (PetriFilms) Analyzed: By:

RL	Result	Units	Q
Pathogens			
Total Coliform	NT	cfu/g	Q3
Mold	NT	cfu/g	Q3
Yeast	NT	cfu/g	Q3
Aerobic Bacteria	NT	cfu/g	Q3
Enterobacteria	NT	cfu/g	Q3

Terpenes (GCMS-MS) Analyzed: 02/11/21 By: JVR

Compound	%	mg/g	Q
alpha-Bisabolol	0.15	1.5	Q3
(-)-Borneol and (+)-Borneol	ND	ND	Q3
Camphene	0.04	0.4	Q3
Camphor	ND	ND	Q3
beta-Caryophyllene	ND	ND	Q3
trans-Caryophyllene	0.27	2.7	Q3
Caryophyllene Oxide	ND	ND	Q3
alpha-Cedrene	0.08	0.8	Q3
Cedrol	ND	ND	Q3
Endo-fenchyl Alcohol	0.12	1.2	Q3
Eucalyptol	ND	ND	Q3
Fenchone	ND	ND	Q3
Geraniol	ND	ND	Q3
Geranyl acetate	ND	ND	Q3
Guaiol	ND	ND	Q3
Hexahydrothymol	ND	ND	Q3
alpha-Humulene	0.10	1	Q3
Isoborneol	ND	ND	Q3
Isopulegol	ND	ND	Q3
Limonene	0.60	6	Q3
Linalool	0.33	3.3	Q3
p-Mentha-1,5-diene	ND	ND	Q3
beta-Myrcene	0.17	1.7	Q3
trans-Nerolidol	ND	ND	Q3
Ocimene	ND	ND	Q3
alpha-Pinene	0.25	2.5	Q3
beta-Pinene	0.15	1.5	Q3
Pulegone	ND	ND	Q3
Sabinene	ND	ND	Q3
Sabinene Hydrate	ND	ND	Q3
gamma-Terpinene	ND	ND	Q3
alpha-Terpinene	ND	ND	Q3
3-Carene	ND	ND	Q3
Terpineol	0.12	1.2	Q3
Terpinolene	ND	ND	Q3
Valencene	ND	ND	Q3
Nerol	ND	ND	Q3
cis-Nerolidol	ND	ND	Q3
Total Terpenes	2.38	23.80	Q3

Water Activity (Moisture Reacter) Analyzed: By:

Compound	AW	Q
Water Activity	NT	Q3

Moisture (Drying Oven) Analyzed: By:

Compound	%	Q
Percent Moisture	NT	Q3

pH Test (HannHI11310) Analyzed: By:

Compound	NA	Q
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 Sample required dilution due to matrix. The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- L1 The associated blank spike recovery was above acceptance limits but the samples results were less than the maximal allowable concentrations or less then limit of quantitation.
- M1 Matrix spike recovery was high; the associated blank spike recovery was acceptable.
- M2 Matrix spike recovery was low; the associated blank spike recovery was acceptable.
- N1 A description of variances described in the final report. See case narrative.
- R1 LFB/LFBD RPD exceeded the acceptance limits, but the recovery was acceptable.
- V1 CCV recovery was above the acceptance limits. This target analyte was not detected above the maximal allowable concentrations or less then the limit of quantitation.

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-Acequinocyl MS did not meet acceptance criteria.

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