

Genesis Biocenticals, LLC

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(847) 682-4899
Lic. #00000058DCQU00115543
Harvest Dates: 01/23/2024

Sample: 2402TLL0043.0266

Strain: MAC1(Cap's Cut)
Parent Batch #: ; Batch#: MAC1-2304-20240123; Batch Size: 11 g
Sample Received: 02/06/2024; Report Created: 02/09/2024; Expires: 02/09/2025
Manufacturing Date:
Sampling: ; Environment:

MAC1(Cap's Cut) Flower/Pre-Roll

Plant, Flower - Cured, Extraction Method: Indoor
Dispensary License #: ; Manufacturing License #: ; Cultivation License #: 00000058DCQU00115543



Safety

Pass	Pass	Pass
Pesticides	Microbials	Metals

Cannabinoids

TPL_Potency_01

25.30%	<LOQ	29.77%
Total THC	Total CBD	Total Cannabinoids Q3

Analyte	LOQ	Mass	Mass	Qualifier
	%	mg/g	mg/g	
THCa	0.10	28.43	284.3	
Δ9-THC	0.10	0.37	3.7	
Δ8-THC	0.10	ND	ND	
THCV	0.10	ND	ND	
CBDa	0.10	ND	ND	
CBD	0.10	ND	ND	
CBDV	0.10	ND	ND	
CBN	0.10	ND	ND	
CBGa	0.10	0.98	9.8	
CBG	0.10	ND	ND	
CBC	0.10	ND	ND	
Total		29.77	297.7	

Total THC = THCa * 0.877 + Δ9-THC
Total CBD = CBDa * 0.877 + CBD
Instrument: HPLC-DAD; Method: TPL_Potency_01

Terpenes

TPL_Terpenes_01

Lemon	Earthy	Hops

Analyte	LOQ	Mass	Mass	Qualifier
	%	mg/g	mg/g	
δ-Limonene		0.5564	5.564	Q3
Ocimene		0.5119	5.119	Q3
α-Humulene		0.4276	4.276	Q3
β-Caryophyllene		0.3900	3.900	Q3
trans-Nerolidol		0.2873	2.873	Q3
Linalool		0.2743	2.743	Q3
α-Pinene		0.2485	2.485	Q3
β-Pinene		0.2065	2.065	Q3
β-Myrcene		0.1449	1.449	Q3
α-Bisabolol		0.1075	1.075	Q3
Terpinolene		0.0795	0.795	Q3
γ-Terpinene		0.0667	0.667	Q3
Eucalyptol		0.0466	0.466	Q3
Camphene		0.0219	0.219	Q3
Caryophyllene Oxide		0.0212	0.212	Q3
3-Carene		<	<	Q3
α-Terpinene		<	<	Q3
cis-Nerolidol		<	<	Q3
Geraniol		<	<	Q3
Guaiol		<	<	Q3
Isopulegol		<	<	Q3
p-Cymene		<	<	Q3
Total		3.3908	33.908	

Instrument: GCMS; Method: TPL_Terp_01
Notes:

**TRANSPARENT
LABS**
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Laboratory Director

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The product associated with this COA has been tested by Transparent Labs using state validated testing methods, as required by The State of Arizona. Measurement uncertainty and decision rule information is available upon request. The test results on this COA are only valid for the sample submitted by the client and are not valid for samples or batches not mentioned on this Certificate of Analysis. Transparent Labs makes no claims as to the efficacy, safety, or other risks associated with any detected or non-detected levels of any compounds reported herein. This COA shall not be reproduced except in full, except without the written approval of Transparent Labs. The required tests and associated limit values are referenced from The required tests and testing limits used within this COA conform to those specified in A.R.S Title 36, Chapter 28.2 and A.A.C Title 9 Chapter 17 Supp. 22-3. Using Marijuana during pregnancy could cause birth defects or other health issues to your unborn child.



Certificate of Analysis

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Pesticides TPL_Pesticides_01

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier	Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.24	0.50	ND	Pass	M1 L1	Hexythiazox	0.48	1.00	ND	Pass	M2
Acephate	0.19	0.40	ND	Pass		Imazalil	0.10	0.20	ND	Pass	
Acetamiprid	0.10	0.20	ND	Pass		Imidacloprid	0.19	0.40	ND	Pass	
Aldicarb	0.19	0.40	ND	Pass		Kresoxim	0.19	0.40	ND	Pass	
Azoxystrobin	0.10	0.20	ND	Pass		Methyl					
Bifenazate	0.10	0.20	ND	Pass		Malathion	0.10	0.20	ND	Pass	
Bifenthrin	0.10	0.20	ND	Pass	M2	Metalaxyl	0.10	0.20	ND	Pass	
Boscalid	0.19	0.40	ND	Pass		Methiocarb	0.10	0.20	ND	Pass	
Carbaryl	0.10	0.20	ND	Pass		Methomyl	0.19	0.40	ND	Pass	
Carbofuran	0.10	0.20	ND	Pass		Myclobutanil	0.10	0.20	ND	Pass	
Chlorantranilprole	0.10	0.20	ND	Pass		Naled	0.24	0.50	ND	Pass	
Chlorfenapyr	0.48	1.00	ND	Pass		Oxamyl	0.48	1.00	ND	Pass	
Chlorpyrifos	0.10	0.20	ND	Pass		Paclobutrazol	0.19	0.40	ND	Pass	
Clofentezine	0.10	0.20	ND	Pass		Permethrin	0.10	0.20	ND	Pass	M2
Cyfluthrin	0.48	1.00	ND	Pass	M1	Phosmet	0.10	0.20	ND	Pass	
Cypermethrin	0.48	1.00	ND	Pass		Piperonyl					
Daminozide	0.48	1.00	ND	Pass	M1 R1	Butoxide	0.96	2.00	1.48	Pass	
Diazinon	0.10	0.20	ND	Pass		Prallethrin	0.10	0.20	ND	Pass	
Dichlorvos	0.05	0.10	ND	Pass		Propiconazole	0.19	0.40	ND	Pass	
Dimethoate	0.10	0.20	ND	Pass		Propoxur	0.10	0.20	ND	Pass	
Ethoprophos	0.10	0.20	ND	Pass		Pyrethrins	0.48	1.00	ND	Pass	
Etofenprox	0.19	0.40	ND	Pass	,2	Pyridaben	0.10	0.20	ND	Pass	
Etoxazole	0.10	0.20	ND	Pass		Spinosad	0.10	0.20	ND	Pass	
Fenoxycarb	0.10	0.20	ND	Pass		Spiromesifen	0.10	0.20	ND	Pass	
Fenpyroximate	0.19	0.40	ND	Pass		Spirotetramat	0.10	0.20	ND	Pass	
Fipronil	0.19	0.40	ND	Pass	L1 V1	Spiroxamine	0.19	0.40	ND	Pass	
Fonicamid	0.48	1.00	ND	Pass		Tebuconazole	0.19	0.40	ND	Pass	
Fludioxonil	0.19	0.40	ND	Pass		Thiacloprid	0.10	0.20	ND	Pass	
						Thiamethoxam	0.10	0.20	ND	Pass	
						Trifloxystrobin	0.10	0.20	ND	Pass	M2

Instrument: LC-QQQ ; Method: TPL_Pesticides_01

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Heavy Metals

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPB	PPB	PPB		
Arsenic	200.0	400.0	ND	Pass	V1
Cadmium	200.0	400.0	<LOQ	Pass	V1
Lead	500.0	1000.0	ND	Pass	V1
Mercury	100.0	200.0	<LOQ	Pass	V1

Microbials

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
	CFU/g	CFU/g	CFU/g		
E. Coli	10	100	<10	Pass	

Analyte	Limit	Result	Status	Qualifier
Salmonella	Detectable in 1g	Not Detected	Pass	
Aspergillus	Detectable in 1g	Not Detected	Pass	
Aspergillus fumigatus	Detectable in 1g	Not Detected	Pass	
Aspergillus niger	Detectable in 1g	Not Detected	Pass	
Aspergillus flavus	Detectable in 1g	Not Detected	Pass	
Aspergillus terreus	Detectable in 1g	Not Detected	Pass	

Instrument: ICPMS; Method: AOAC 2021.03

Instrument: qPCR/Plating; AOAC Methods 082102, 022202 and 2018.13

B1 = Target analyte detected in calibration blank was above LOQ but the concentration of cannabinoid was below LOQ,

B2 = Target analyte detected in calibration blank was above LOQ but was below the maximum allowable concentration.

D1 = The limit of quantitation and the sample results were adjusted to reflect sample dilution,

I1 = The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria with respect to the reference spectra, indicating interference,

L1 = The percent recovery of a laboratory control sample is greater than the acceptance limits in A.A.C 17 R9-17-404.03(K)(2)(C), but the sample's target analytes were not detected above the maximum allowed concentration,

M1 = The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria,

M2 = The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria,

M3 = The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria,

M4 = The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria,

M5 = The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample,

N1 - A description of the variance is described in the final report of testing,

R1 = The relative percent difference for the laboratory control sample and duplicate exceeded the limit in A.A.C 17 R9-17-404.03(K)(3), but the recover in subsection A.A.C 17 R9-17-404.03 (K)(2) was within accepted criteria,

R2 = The relative percent difference for a sample and duplicated exceeded the limit in subsection A.A.C 17 R9-17-404.03 (O)

Q1 = Sample integrity was not maintained,

Q2 = The sample is heterogenous and sample homogeneity could not be readily achieved using routine laboratory practices

Q3 = Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

V1 = The recovery from continuing calibration verification standards exceeded the acceptance limits denoted in A.C.C 17 R9-17-403.03(I)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.