

## Genesis Biocenticals, LLC

1120 W Watkins St  
Phoenix, AZ 85007  
shonae.j@genbioaz.com  
(847) 682-4899  
Lic. #00000058DCQU00115543


## Sample: 2311LVL1312.7019

Strain: MAC1(Cap's Cut); Secondary License:  
Batch#: MAC1-2125-20231023; Batch Size: 11 g; Chain of Distribution:  
Sample Received: 11/28/2023; Report Created: 12/01/2023; Expires: 12/01/2024  
Sampling Date: 11/27/2023; Sampling Time: 02:00PM; Sampling Person: Carter  
Harvest Date: 10/23/2023; Manufacturing Date: 10/23/2023

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

Plant, Flower - Cured



	<b>27.41%</b>	<b>ND</b>	<b>33.51%</b>
	Total THC	Total CBD	
<b>17.77 mg/g</b>	<b>Complete</b>		
Total Terpenes	Moisture 10.0%		

## Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.158	30.367	303.67	
Δ9-THC	0.158	0.779	7.79	
Δ8-THC	0.158	ND	ND	M1
THCVa	0.158	0.242	2.42	
THCV	0.158	ND	ND	
CBDa	0.158	ND	ND	
CBD	0.158	ND	ND	
CBDVa	0.158	ND	ND	
CBDV	0.158	ND	ND	
CBN	0.158	ND	ND	
CBGa	0.158	1.601	16.01	
CBG	0.158	<LOQ	<LOQ	
CBCa	0.158	0.520	5.20	Q3
CBC	0.158	ND	ND	
<b>Total</b>		<b>33.510</b>	<b>335.10</b>	

Qualifiers:  
Date Tested: 11/29/2023 07:00 am  
Total THC = THCa \* 0.877 + d9-THC

Total CBD = CBDa \* 0.877 + CBD  
The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Cannabinoid potency performed by HPLC-DAD per SOP-(1608). ADHS approved method for potency by HPLC-DAD for all listed analytes.

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### Terpenes

Analyte	LOQ	Mass	MassQualifier	Analyte	LOQ	Mass	MassQualifier
	mg/g	mg/g	%		mg/g	mg/g	%
δ-Limonene	0.21	6.41	0.641	cis-Nerolidol	0.21	ND	ND
β-Caryophyllene	0.21	2.79	0.279	Citronellol	1.03	ND	ND
α-Pinene	0.10	2.11	0.211	Eucalyptol	0.10	ND	ND
Linalool	0.21	0.97	0.097	Farnesene	0.02	ND	ND
β-Myrcene	0.10	0.84	0.084	Fenchone	0.21	<LOQ	<LOQ
α-Humulene	0.10	0.83	0.083	γ-Terpinene	0.10	ND	ND
β-Pinene	0.21	0.75	0.075	γ-Terpineol	0.02	ND	ND
Fenchol	0.10	0.72	0.072	Geraniol	2.07	ND	ND
α-Bisabolol	0.10	0.66	0.066	Geranyl Acetate	0.10	ND	ND
cis-Ocimene	0.03	0.65	0.065	Guaiol	0.10	ND	ND
α-Terpineol	0.17	0.60	0.060	Isoborneol	1.03	ND	ND
Camphene	0.10	0.22	0.022	Isopulegol	0.10	ND	ND
Caryophyllene Oxide	0.10	0.12	0.012	Menthol	0.10	ND	ND
trans-Ocimene	0.07	0.10	0.010	Nerol	0.10	ND	ND
3-Carene	0.21	ND	ND	Pulegone	0.10	ND	ND
α-Cedrene	0.10	ND	ND	p-Cymene	0.10	ND	ND
α-Phellandrene	0.10	ND	ND	Sabinene	0.10	ND	ND
α-Terpinene	0.10	ND	ND	Sabinene Hydrate	0.10	ND	ND
β-Eudesmol	0.10	ND	ND	Terpinolene	0.21	<LOQ	<LOQ
Borneol	0.31	<LOQ	<LOQ	trans-Nerolidol	0.10	ND	ND
Camphor	0.41	ND	ND	Valencene	0.10	ND	ND
Cedrol	0.10	ND	ND				


### Primary Aromas




Lemon




Cinnamon



Pine



Lavender



Hops

**17.77 mg/g**  
Total Terpenes

Qualifiers:  
Date Tested: 11/28/2023 07:00 am

LOQ = Limit of Quantitation; The reported result is based on a sample weight with the applicable moisture content for that sample; Unless otherwise stated all quality control samples performed within specifications established by the Laboratory. Qualifying code Q3: For informational purposes only.



# Certificate of Analysis

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3 of 5

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Plant, Flower - Cured



### Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.030	0.500	ND	Pass	M2	Hexythiazox	0.040	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass		Imazail	0.040	0.200	ND	Pass	
Acetamiprid	0.040	0.200	ND	Pass		Imidacloprid	0.040	0.400	ND	Pass	
Aldicarb	0.040	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.040	0.200	ND	Pass		Malathion	0.040	0.200	ND	Pass	
Bifenazate	0.040	0.200	ND	Pass		Metalaxyl	0.040	0.200	ND	Pass	
Bifenthrin	0.040	0.200	ND	Pass		Methiocarb	0.040	0.200	ND	Pass	
Boscalid	0.040	0.400	ND	Pass		Methomyl	0.040	0.400	ND	Pass	
Carbaryl	0.040	0.200	ND	Pass		Myclobutanil	0.040	0.200	ND	Pass	
Carbofuran	0.040	0.200	ND	Pass		Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass		Oxamyl	0.040	1.000	ND	Pass	
Chlorfenapyr	0.430	1.000	ND	Pass		Paclobutrazol	0.040	0.400	ND	Pass	
Chlorpyrifos	0.040	0.200	ND	Pass		Permethrins	0.040	0.200	ND	Pass	M2
Clofentezine	0.040	0.200	ND	Pass		Phosmet	0.040	0.200	ND	Pass	
Cyfluthrin	0.430	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	1.332	Pass	
Cypermethrin	0.040	1.000	ND	Pass		Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.430	1.000	ND	Pass		Propiconazole	0.040	0.400	ND	Pass	
Dichlorvos (DDVP)	0.040	0.100	ND	Pass		Propoxur	0.040	0.200	ND	Pass	
Diazinon	0.040	0.200	ND	Pass		Pyrethrins	0.440	1.000	ND	Pass	
Dimethoate	0.040	0.200	ND	Pass		Pyridaben	0.040	0.200	ND	Pass	
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.040	0.200	ND	Pass	M2
Etofenprox	0.040	0.400	ND	Pass	M2	Spiromesifen	0.040	0.200	ND	Pass	
Etoxazole	0.040	0.200	ND	Pass		Spirotetramat	0.040	0.200	ND	Pass	
Fenoxycarb	0.040	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.040	0.400	ND	Pass		Tebuconazole	0.040	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass		Thiacloprid	0.040	0.200	ND	Pass	
Fonicamid	0.040	1.000	ND	Pass		Thiamethoxam	0.040	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass		Trifloxystrobin	0.040	0.200	ND	Pass	

### Herbicides

Analyte	LOQ	Limit	Units	Status
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#### Qualifiers:

Date Tested: 11/28/2023 07:00 am  
Performed by LCMSMS per SOP-LM-021 and SOP-LM-022. ND = Not Detected; NR = Not Reported. Methods used per AZDHS R9-17-404.03 and pesticide limits set by AZDHS R9-17 Table 3.1. ADHS approved method for pesticide testing by LCMSMS for full list effective 5/1/2021.



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Matthew Schuberth  
Laboratory Director

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## Microbials

Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<10	CFU/G	Pass	
Salmonella	Not Detected	in one gram	Pass	
Aspergillus terreus	Not Detected	in one gram	Pass	
Aspergillus fumigatus, Aspergillus flavus, and Aspergillus niger	Not Detected	in one gram	Pass	

# LEVEL ONE

Qualifiers:  
Date Tested: 11/29/2023 12:00 am

TNTC = Too Numerous to Count. The lower limit of quantification for E. coli is 10 CFU/g unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: E. coli plating via 3M Petrifilm per SOP-LM-019, Salmonella spp. And Aspergillus spp. detection by Bio-Rad CFX96 Deep Well real-time PCR per SOP-LM-016 & SOP-LM-017. Methods used per AZDHS R9-17-404.04 and microbial limits set by AZDHS R9-17 Table 3.1. ADHS approved method for microbials for all listed organisms.

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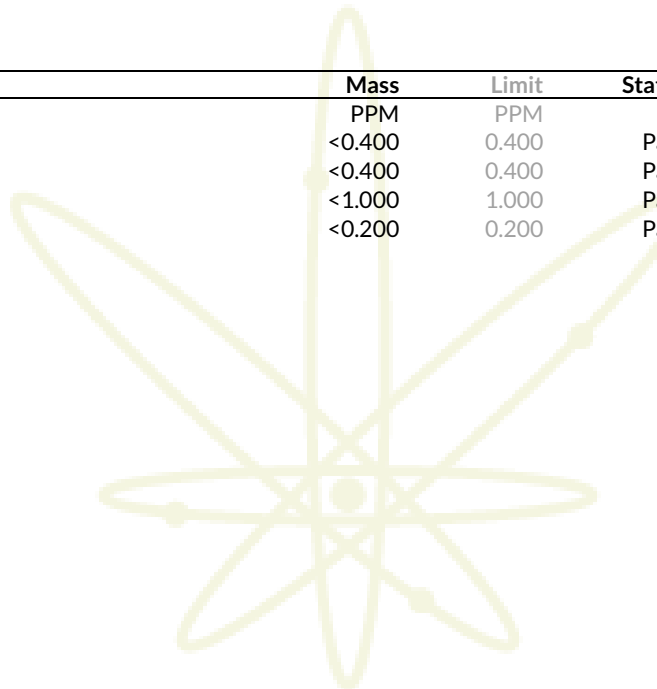
Plant, Flower - Cured



## Heavy Metals

Pass

Analyte	Mass	Limit	Status	Qualifier
	PPM	PPM		
Arsenic	<0.400	0.400	Pass	
Cadmium	<0.400	0.400	Pass	
Lead	<1.000	1.000	Pass	
Mercury	<0.200	0.200	Pass	



# LEVEL ONE

Qualifiers:  
Date Tested: 12/01/2023 12:00 am

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