

Genesis Biocenticals, LLC

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

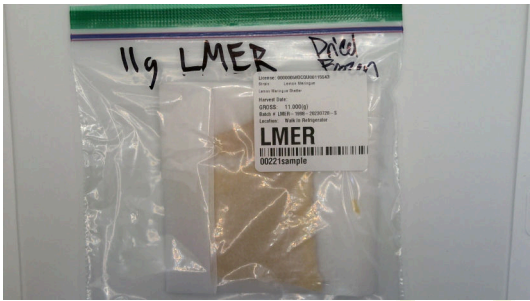
Sample: 2311LVL1312.7021

Strain: Lemon Meringue; Secondary License:
Batch#: LMER-1998-20230728-S; 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: 03:00PM; Sampling Person: Carter
Harvest Date: 07/28/2023; Manufacturing Date: 11/01/2023

Lemon Meringue Shatter

Concentrates & Extracts, Shatter, Butane



	76.52%	<LOQ	93.66%
	Total THC	Total CBD	
	23.48 mg/g	Not Tested	Total Cannabinoids
Total Terpenes	NT	Moisture	

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.631	83.406	834.06	
Δ9-THC	0.631	3.373	33.73	
Δ8-THC	0.631	ND	ND	
THCVa	0.631	0.851	8.51	
THCV	0.631	ND	ND	
CBDa	0.631	<LOQ	<LOQ	
CBD	0.631	ND	ND	
CBDVa	0.631	ND	ND	
CBDV	0.631	ND	ND	
CBN	0.631	ND	ND	
CBGa	0.631	5.265	52.65	
CBG	0.631	<LOQ	<LOQ	
CBCa	0.631	0.763	7.63	Q3
CBC	0.631	ND	ND	
Total		93.657	936.57	

Qualifiers:
Date Tested: 11/28/2023 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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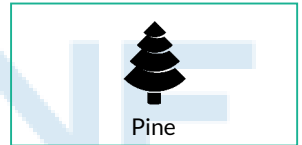
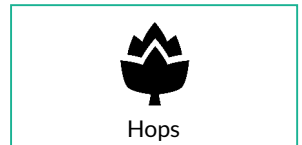
Concentrates & Extracts, Shatter, Butane



Terpenes

Analyte	LOQ	Mass	MassQualifier	Analyte	LOQ	Mass	MassQualifier
	mg/g	mg/g	%		mg/g	mg/g	%
β-Caryophyllene	0.76	7.46	0.746	cis-Nerolidol	0.76	ND	ND
Terpinolene	0.76	4.61	0.461	cis-Ocimene	0.11	ND	ND
δ-Limonene	0.76	2.23	0.223	Citronellol	3.82	ND	ND
α-Humulene	0.38	2.18	0.218	Eucalyptol	0.38	<LOQ	<LOQ
α-Pinene	0.38	1.31	0.131	Farnesene	0.06	ND	ND
β-Myrcene	0.38	1.05	0.105	Fenchone	0.76	ND	ND
α-Terpineol	0.62	1.02	0.102	γ-Terpineol	0.08	ND	ND
β-Pinene	0.76	0.91	0.091	Geraniol	7.64	ND	ND
α-Phellandrene	0.38	0.67	0.067	Geranyl Acetate	0.38	ND	ND
γ-Terpinene	0.38	0.55	0.055	Guaiol	0.38	ND	ND
α-Terpinene	0.38	0.53	0.053	Isoborneol	3.82	ND	ND
Fenchol	0.38	0.53	0.053	Isopulegol	0.38	ND	ND
Sabinene	0.38	0.43	0.043	Linalool	0.76	<LOQ	<LOQ
3-Carene	0.76	<LOQ	<LOQ	Menthol	0.38	ND	ND
α-Bisabolol	0.38	ND	ND	Nerol	0.38	ND	ND
α-Cedrene	0.38	ND	ND	Pulegone	0.38	ND	ND
β-Eudesmol	0.38	ND	ND	p-Cymene	0.38	ND	ND
Borneol	1.15	<LOQ	<LOQ	Sabinene Hydrate	0.38	ND	ND
Camphene	0.38	<LOQ	<LOQ	trans-Nerolidol	0.38	ND	ND
Camphor	1.53	ND	ND	trans-Ocimene	0.25	ND	ND
Caryophyllene				Valencene	0.38	ND	ND
Oxide	0.38	ND	ND				
Cedrol	0.38	ND	ND				

Primary Aromas



23.48 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.

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Concentrates & Extracts, Shatter, Butane



Residual Solvents

Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM		
Acetone	352.730	1000.000	ND	Pass	
Acetonitrile	143.390	410.000	ND	Pass	
Benzene	0.700	2.000	ND	Pass	
Butanes	2346.880	5000.000	ND	Pass	
Chloroform	21.120	60.000	ND	Pass	
Dichloromethane	214.640	600.000	ND	Pass	
Ethanol	1750.100	5000.000	ND	Pass	
Ethyl-Acetate	1751.760	5000.000	ND	Pass	
Ethyl-Ether	1744.920	5000.000	ND	Pass	
Heptane	1747.460	5000.000	ND	Pass	
Hexanes	100.730	290.000	ND	Pass	
Isopropanol	1741.890	5000.000	ND	Pass	
Isopropyl-Acetate	1745.120	5000.000	ND	Pass	
Methanol	1044.340	3000.000	ND	Pass	
Pentanes	1756.450	5000.000	ND	Pass	
Toluene	314.300	890.000	ND	Pass	
Xylenes	753.050	2170.000	ND	Pass	

LEVEL ONE

Qualifiers:
Date Tested: 11/29/2023 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.

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Concentrates & Extracts, Shatter, Butane



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	M2
Acephate	0.040	0.400	ND	Pass		Imazaili	0.050	0.200	ND	Pass	M2
Acetamiprid	0.040	0.200	ND	Pass		Imidacloprid	0.050	0.400	ND	Pass	
Aldicarb	0.050	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	0.200	ND	Pass	M2	Malathion	0.040	0.200	ND	Pass	M2
Bifenazate	0.050	0.200	ND	Pass		Metalaxyl	0.040	0.200	ND	Pass	M2
Bifenthrin	0.040	0.200	ND	Pass	M2	Methiocarb	0.040	0.200	ND	Pass	M2
Boscalid	0.040	0.400	ND	Pass	M2	Methomyl	0.050	0.400	ND	Pass	
Carbaryl	0.050	0.200	ND	Pass		Myclobutanil	0.050	0.200	ND	Pass	
Carbofuran	0.050	0.200	ND	Pass	M2	Naled	0.040	0.500	ND	Pass	M2
Chlorantraniliprole	0.040	0.200	ND	Pass		Oxamyl	0.040	1.000	ND	Pass	
Chlorfenapyr	0.460	1.000	ND	Pass		Paclobutrazol	0.050	0.400	ND	Pass	
Chlorpyrifos	0.050	0.200	ND	Pass	M2	Permethrins	0.050	0.200	ND	Pass	M2
Clofentezine	0.050	0.200	ND	Pass	M2	Phosmet	0.040	0.200	ND	Pass	M2
Cyfluthrin	0.450	1.000	ND	Pass	M2	Piperonyl Butoxide	0.040	2.000	ND	Pass	M2
Cypermethrin	0.050	1.000	ND	Pass		Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.450	1.000	ND	Pass		Propiconazole	0.050	0.400	ND	Pass	M1
Dichlorvos (DDVP)	0.050	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	
Diazinon	0.050	0.200	ND	Pass		Pyrethrins	0.460	1.000	<LOQ	Pass	
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	M1
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	M2 V1
Etofenprox	0.050	0.400	ND	Pass		Spiromesifen	0.050	0.200	ND	Pass	M2
Etoxazole	0.040	0.200	ND	Pass	M2	Spirotetramat	0.050	0.200	ND	Pass	M1
Fenoxycarb	0.050	0.200	ND	Pass	M2	Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass	M2	Tebuconazole	0.050	0.400	ND	Pass	M1
Fipronil	0.040	0.400	ND	Pass	M1	Thiacloprid	0.050	0.200	ND	Pass	
Fonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass		Trifloxystrobin	0.050	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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Concentrates & Extracts, Shatter, Butane



Mycotoxins

Pass

Total Ochratoxins Date Tested: 11/27/2023
Total Aflatoxins Date Tested: 11/27/2023

Analyte	LOQ	Limit	Units	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	<LOQ	Pass	
Total Ochratoxins (A and B)	2.00	20.00	7.61	Pass	

LEVEL ONE

TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.

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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.



Certificate of Analysis

Powered by Confident LIMS
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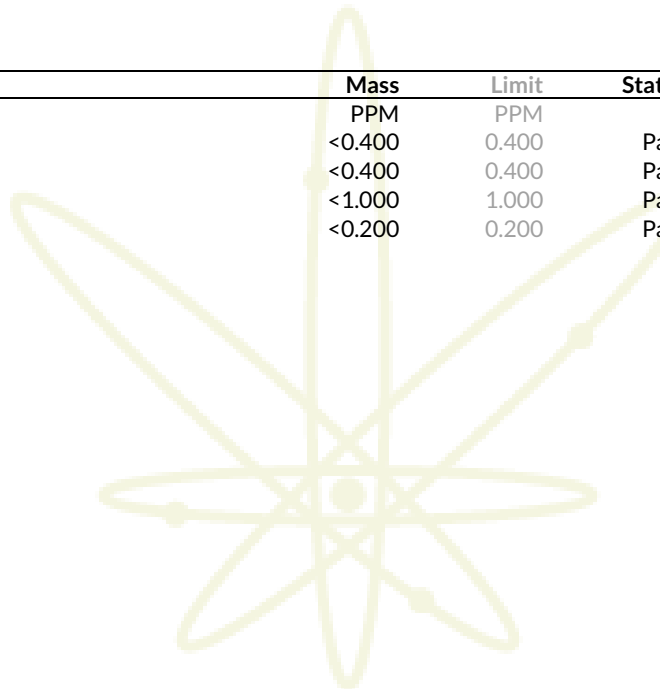
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Heavy Metals

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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