

## Genesis Biocenticals, LLC

1120 W Watkins St  
Phoenix, AZ 85007  
shonae.j@genbioaz.com  
(847) 682-4899  
Lic. #00000058DCQU00115543  
Harvest Dates: 01/08/2024

## Sample: 2402TLL0062.0345

Strain: Tropic Banana  
Parent Batch #: ; Batch#: G-0219-TB-S; Batch Size: 16 g  
Sample Received: 02/20/2024; Report Created: 02/27/2024; Expires: 02/27/2025  
Manufacturing Date: 02/19/2024  
Sampling: ; Environment:

## Tropic Banana Shatter

Concentrates & Extracts, Shatter, Extraction Method: Butane  
Dispensary License #: ; Manufacturing License #: ; Cultivation License #:



## Safety

<b>Pass</b> Pesticides	<b>Pass</b> Microbials	<b>Pass</b> Mycotoxins
<b>Pass</b> Solvents	<b>Pass</b> Metals	<b>Not Tested</b> Foreign Matter

## Cannabinoids

TPL\_Potency\_01

<b>83.01%</b> Total THC	<b>0.09%</b> Total CBD	<b>97.82%</b> Total Cannabinoids Q3
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Analyte	LOQ	Mass	Mass	Qualifier
	%	mg/g	mg/g	
THCa	0.10	93.12	931.2	
Δ9-THC	0.10	1.35	13.5	
Δ8-THC	0.10	ND	ND	
THCV	0.10	ND	ND	
CBDa	0.10	0.11	1.1	
CBD	0.10	ND	ND	
CBDV	0.10	ND	ND	
CBN	0.10	ND	ND	
CBGa	0.10	3.01	30.1	
CBG	0.10	0.24	2.4	
CBC	0.10	ND	ND	
<b>Total</b>		<b>97.82</b>	<b>978.2</b>	

Total THC = THCa \* 0.877 + Δ9-THC  
Total CBD = CBDa \* 0.877 + CBD  
Instrument: HPLC-DAD: ; Method: TPL\_Potency\_01

## Terpenes

TPL\_Terpenes\_01

 Hops	 Cinnamon	 Lemon
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Analyte	LOQ	Mass	Mass	Qualifier
	%	mg/g	mg/g	
α-Humulene		2.5200	25.200	Q3
β-Caryophyllene		2.1070	21.070	Q3
δ-Limonene		0.6410	6.410	Q3
Linalool		0.4210	4.210	Q3
Guaialol		0.3860	3.860	Q3
β-Myrcene		0.3450	3.450	Q3
β-Pinene		0.2360	2.360	Q3
Ocimene		0.2040	2.040	Q3
Terpinolene		0.1530	1.530	Q3
α-Bisabolol		0.1330	1.330	Q3
γ-Terpinene		0.1330	1.330	Q3
trans-Nerolidol		0.1220	1.220	Q3
Caryophyllene Oxide		0.0970	0.970	Q3
Eucalyptol		0.0900	0.900	Q3
α-Pinene		0.0710	0.710	Q3
Camphene		0.0240	0.240	Q3
3-Carene		<	<	Q3
α-Terpinene		<	<	Q3
cis-Nerolidol		<	<	Q3
Geraniol		<	<	Q3
Isopulegol		<	<	Q3
p-Cymene		<	<	Q3
<b>Total</b>		<b>7.6830</b>	<b>76.830</b>	

Instrument: GCMS; Method: TPL\_Terp\_01  
Notes:



# Certificate of Analysis

Powered by Confident LIMS  
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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 V1 L1	Hexythiazox	0.48	1.00	ND	Pass	L1
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	M1 V1 L1	Malathion	0.10	0.20	ND	Pass	
Bifenthrin	0.10	0.20	ND	Pass	V1 L1	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	
Chlorantraniliprole	0.10	0.20	ND	Pass		Naled	0.24	0.50	ND	Pass	
Chlorfenapyr	0.48	1.00	ND	Pass	M1	Oxamyl	0.48	1.00	ND	Pass	
Chlorpyrifos	0.10	0.20	ND	Pass		Paclbutrazol	0.19	0.40	ND	Pass	
Clofentezine	0.10	0.20	ND	Pass		Permethrin	0.10	0.20	ND	Pass	V1 L1
Cyfluthrin	0.48	1.00	ND	Pass	M1 V1 L1	Phosmet	0.10	0.20	ND	Pass	
Cypermethrin	0.48	1.00	ND	Pass	M1 V1 L1	Piperonyl Butoxide	0.96	2.00	ND	Pass	
Daminozide	0.48	1.00	ND	Pass	L1	Prallethrin	0.10	0.20	ND	Pass	M1 V1 L1
Diazinon	0.10	0.20	ND	Pass		Propiconazole	0.19	0.40	ND	Pass	M1
Dichlorvos	0.05	0.10	ND	Pass	M2	Propoxur	0.10	0.20	ND	Pass	
Dimethoate	0.10	0.20	ND	Pass		Pyrethrins	0.48	1.00	ND	Pass	M1 L1
Ethoprophos	0.10	0.20	ND	Pass		Pyridaben	0.10	0.20	ND	Pass	
Etofenprox	0.19	0.40	ND	Pass	V1	Spinosad	0.10	0.20	ND	Pass	
Etoxazole	0.10	0.20	ND	Pass		Spiromesifen	0.10	0.20	ND	Pass	
Fenoxycarb	0.10	0.20	ND	Pass		Spirotetramat	0.10	0.20	ND	Pass	M1
Fenpyroximate	0.19	0.40	ND	Pass		Spiroxamine	0.19	0.40	ND	Pass	
Fipronil	0.19	0.40	ND	Pass		Tebuconazole	0.19	0.40	ND	Pass	
Flonicamid	0.48	1.00	ND	Pass		Thiacloprid	0.10	0.20	ND	Pass	
Fludioxonil	0.19	0.40	ND	Pass	V1	Thiamethoxam	0.10	0.20	ND	Pass	
						Trifloxystrobin	0.10	0.20	ND	Pass	

Instrument: LC-QQ ; Method: TPL\_Pesticides\_01

1721 E McDowell Road  
Phoenix, AZ  
(602) 368-4233  
https://www.transparentlabsaz.com  
Lic# 0000029LRCXG19240160

Brian DiMarco  
Laboratory Director

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coa.support@confidentlims.com  
(866) 506-5866  
www.confidentlims.com



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### Heavy Metals Pass

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

Instrument: ICPMS; Method: AOAC 2021.03

### Residual Solvents Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPM	PPM	PPM		
Acetone	200.0	1000.0	ND	Pass	
Acetonitrile	82.0	410.0	ND	Pass	
Benzene	0.4	2.0	ND	Pass	
Butanes	499.0	5000.0	ND	Pass	
Chloroform	12.0	60.0	ND	Pass	
Dichloromethane	120.0	600.0	ND	Pass	
Ethanol	998.0	5000.0	ND	Pass	
Ethyl-Acetate	998.0	5000.0	ND	Pass	
Ethyl-Ether	998.0	5000.0	ND	Pass	
Heptane	998.0	5000.0	ND	Pass	
Hexanes	145.0	290.0	ND	Pass	
Isopropyl-Acetate	998.0	5000.0	ND	Pass	
Methanol	599.0	3000.0	ND	Pass	
Pentanes	998.0	5000.0	ND	Pass	
2-Propanol	998.0	5000.0	ND	Pass	
Toluene	178.0	890.0	ND	Pass	
Xylenes	866.0	2170.0	ND	Pass	

Instrument: HS-GCMS

### Microbials Pass

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

### Microbials (continued)

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

### Mycotoxins Pass

Analyte	LOQ	Limit	Mass	Status	Qualifier
	PPB	PPB	PPB		
B1		20	ND	Pass	
B2		20	ND	Pass	
G1		20	ND	Pass	V1
G2		20	ND	Pass	L1 M1 V1
Ochratoxin A	10	20	ND	Pass	L1 M1 V1
Total Aflatoxins	10	20	ND	Pass	L1 M1 V1

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.