Certificate of Analysis

Genesis Bioceuticals, LLC

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(847) 682-4899
Lic. #00000058DCQU00115543
Harvest Dates: 01/03/2024

Tropic Banana Flower/Pre-Roll

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

Sample: 2401TLL0017.0113

Strain: Tropic Banana
Parent Batch #: ; Batch#: TRBA-2278-20240108; Batch Size: 11 undefined
Sample Received: 01/19/2024; Report Created: 01/23/2024; Expires: 01/23/2025
Manufacturing Date:
Sampling: ; Environment:

Safety

Pesticides	Microbials	Metals
Pass	**Pass**	**Pass**

Cannabinoids
TPL_Potency_01

28.91%	<LOQ	34.30%
Total THC	Total CBD	Total Cannabinoids Q3

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.20	32.73	327.3	
Δ9-THC	0.20	0.21	2.1	
Δ8-THC	0.20	ND	ND	
THCV	0.20	ND	ND	
CBDa	0.20	<LOQ	<LOQ	
CBD	0.20	ND	ND	
CBDV	0.20	ND	ND	
CBN	0.20	ND	ND	
CBGa	0.20	1.36	13.6	
CBG	0.20	<LOQ	<LOQ	
CBC	0.20	ND	ND	
Total		**34.30**	**343.0**	

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

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
α-Humulene		0.90	9.0	Q3
β-Caryophyllene		0.74	7.4	Q3
δ-Limonene		0.23	2.3	Q3
Linalool		0.19	1.9	Q3
β-Myrcene		0.18	1.8	Q3
Guaiol		0.16	1.6	Q3
β-Pinene		0.09	0.9	Q3
3-Carene		0.08	0.8	Q3
α-Bisabolol		0.06	0.6	Q3
Terpinolene		0.06	0.6	Q3
Eucalyptol		0.04	0.4	Q3
α-Pinene		0.03	0.3	Q3
Caryophyllene Oxide		0.02	0.2	Q3
trans-Nerolidol		0.02	0.2	Q3
α-Terpinene		<	<	Q3
Camphene		<	<	Q3
cis-Nerolidol		<	<	Q3
γ-Terpinene		<	<	Q3
Geraniol		<	<	Q3
Isopulegol		<	<	Q3
Ocimene		<	<	Q3
p-Cymene		<	<	Q3
Total		**2.80**	**28.0**	

Instrument: GCMS; Method: TPL_Terp_01
Notes:

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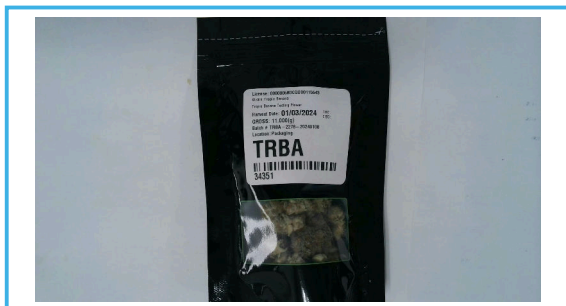## Genesis Bioceuticals, LLC

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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 V1	Hexythiazox	0.48	1.00	ND	Pass	M2
						Imazalil	0.10	0.20	ND	Pass	
Acephate	0.19	0.40	ND	Pass		Imidacloprid	0.19	0.40	ND	Pass	
Acetamiprid	0.10	0.20	ND	Pass		Kresoxim Methyl	0.19	0.40	ND	Pass	
Aldicarb	0.19	0.40	ND	Pass							
Azoxystrobin	0.10	0.20	ND	Pass		Malathion	0.10	0.20	ND	Pass	
Bifenazate	0.10	0.20	ND	Pass	M2 L1	Metalaxyl	0.10	0.20	ND	Pass	
Bifenthrin	0.10	0.20	ND	Pass	M1	Methiocarb	0.10	0.20	ND	Pass	M1
Boscalid	0.19	0.40	ND	Pass		Methomyl	0.19	0.40	ND	Pass	
Carbaryl	0.10	0.20	ND	Pass		Myclobutanil	0.10	0.20	ND	Pass	
Carbofuran	0.10	0.20	ND	Pass		Naled	0.24	0.50	ND	Pass	
Chlorantraniliprole	0.10	0.20	ND	Pass		Oxamyl	0.48	1.00	ND	Pass	
Chlorfenapyr	0.48	1.00	ND	Pass		Paclobutrazol	0.19	0.40	ND	Pass	
Chlorpyrifos	0.10	0.20	ND	Pass		Permethrin	0.10	0.20	ND	Pass	
Clofentezine	0.10	0.20	ND	Pass	M2	Phosmet	0.10	0.20	ND	Pass	M1
Cyfluthrin	0.48	1.00	ND	Pass		Piperonyl Butoxide	0.96	2.00	ND	Pass	M1
Cypermethrin	0.48	1.00	ND	Pass							
Daminozide	0.48	1.00	ND	Pass		Prallethrin	0.10	0.20	ND	Pass	
Diazinon	0.10	0.20	ND	Pass		Propiconazole	0.19	0.40	ND	Pass	
Dichlorvos	0.05	0.10	ND	Pass		Propoxur	0.10	0.20	ND	Pass	
Dimethoate	0.10	0.20	ND	Pass		Pyrethrins	0.48	1.00	ND	Pass	
Ethoprophos	0.10	0.20	ND	Pass		Pyridaben	0.10	0.20	ND	Pass	
Etofenprox	0.19	0.40	ND	Pass		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	V1
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		Thiamethoxam	0.10	0.20	ND	Pass	
						Trifloxystrobin	0.10	0.20	ND	Pass	

Instrument: LC-QQQ ; Method: TPL_Pesticides_01

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TRANSPARENT LABS

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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

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	

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 blow 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(J)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.