

Releaf Brands

8060 E 22nd St
Tucson, AZ 85710
hannatempesta@gmail.com
(650) 678-4037
Lic. #00000081DCPK00962019


Secondary License: 0000144ESQK21738687 ; Chain of Distribution: Desert Bloom ReLeaf Center, ReLeaf85624
Strain: Gorilla Butter Breath; Batch#: 170 Gorilla Butter Breath ; Batch Size: 11 g; External Batch ID: 170 Gorilla Butter Breath
Sample Received: 04/01/2024; Report Created: 04/08/2024; Report Expiration: 04/08/2025
Sampling Date: 03/31/2024; Sampling Time: 8:30; Sampling Person: Hanna
Harvest Date: 03/18/2024; Manufacturing Date: ; External Lot ID: 00271

Sample: 2404LVL0478.2638

170 Gorilla Butter Breath #1

Plant, Flower - Cured, Indoor



	18.75%	ND	21.33%
	Total THC	Total CBD	
	32.76 mg/g	Complete 10.4%	Total Cannabinoids
	Total Terpenes	Moisture	

Cannabinoids

Complete

Analyte	LOQ	Mass	Mass	Qualifier
	%	%	mg/g	
THCa	0.165	21.012	210.12	M2
Δ9-THC	0.165	0.323	3.23	
Δ8-THC	0.165	ND	ND	
THCVa	0.165	<LOQ	<LOQ	M2
THCV	0.165	ND	ND	
CBDa	0.165	ND	ND	
CBD	0.165	ND	ND	
CBDVa	0.165	ND	ND	
CBDV	0.165	ND	ND	
CBN	0.165	ND	ND	
CBGa	0.165	<LOQ	<LOQ	
CBG	0.165	<LOQ	<LOQ	
CBCa	0.165	<LOQ	<LOQ	Q3
CBC	0.165	ND	ND	
Total		21.335	213.35	Q3

Qualifiers:
Date Tested: 04/02/2024 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	%		
Farnesene	0.02	13.47	1.347	Q3	cis-Nerolidol	0.20	ND	ND	Q3
δ-Limonene	0.20	7.32	0.732	Q3	Citronellol	1.00	ND	ND	Q3
β-Caryophyllene	0.20	4.74	0.474	Q3	Eucalyptol	0.10	ND	ND	Q3
α-Humulene	0.10	1.60	0.160	Q3	Fenchone	0.20	<LOQ	<LOQ	Q3
Linalool	0.20	0.88	0.088	Q3	γ-Terpinene	0.10	<LOQ	<LOQ	Q3
Fenchol	0.10	0.86	0.086	Q3	γ-Terpineol	0.02	ND	ND	Q3
α-Pinene	0.10	0.68	0.068	Q3	Geraniol	2.00	ND	ND	Q3
α-Bisabolol	0.10	0.65	0.065	Q3	Geranyl Acetate	0.10	ND	ND	Q3
α-Terpineol	0.16	0.63	0.063	Q3	Guaiol	0.10	ND	ND	Q3
β-Myrcene	0.10	0.55	0.055	Q3	Isoborneol	1.00	ND	ND	Q3
β-Pinene	0.20	0.55	0.055	Q3	Isopulegol	0.10	ND	ND	Q3
cis-Ocimene	0.03	0.53	0.053	Q3	Menthol	0.10	ND	ND	Q3
Camphene	0.10	0.19	0.019	Q3	Nerol	0.10	ND	ND	Q3
Caryophyllene Oxide	0.10	0.11	0.011	Q3	Pulegone	0.10	ND	ND	Q3
3-Carene	0.20	ND	ND	Q3	p-Cymene	0.10	ND	ND	Q3
α-Cedrene	0.10	ND	ND	Q3	Sabinene	0.10	ND	ND	Q3
α-Phellandrene	0.10	ND	ND	Q3	Sabinene Hydrate	0.10	ND	ND	Q3
α-Terpinene	0.10	ND	ND	Q3	Terpinolene	0.20	<LOQ	<LOQ	Q3
β-Eudesmol	0.10	<LOQ	<LOQ	Q3	trans-Nerolidol	0.10	ND	ND	Q3
Borneol	0.30	<LOQ	<LOQ	Q3	trans-Ocimene	0.07	ND	ND	Q3
Camphor	0.40	ND	ND	Q3	Valencene	0.10	ND	ND	Q3
Cedrol	0.10	ND	ND	Q3					


Primary Aromas




Magnolia




Lemon



Cinnamon



Hops



Lavender

32.76 mg/g
Total Terpenes

Qualifiers:
Date Tested: 04/02/2024 07:00 am

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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		Hexythiazox	0.040	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass		Imazalil	0.050	0.200	ND	Pass	
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		Malathion	0.050	0.200	ND	Pass	
Bifenazate	0.050	0.200	ND	Pass	M1	Metalaxyl	0.040	0.200	ND	Pass	
Bifenthrin	0.050	0.200	ND	Pass		Methiocarb	0.040	0.200	ND	Pass	
Boscalid	0.040	0.400	ND	Pass		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		Naled	0.050	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass	L1 M1 V1	Oxamyl	0.040	1.000	ND	Pass	
Chlorfenapyr	0.460	1.000	ND	Pass	M1	Paclobotrazol	0.050	0.400	ND	Pass	
Chlorpyrifos	0.050	0.200	ND	Pass		Permethrins	0.050	0.200	ND	Pass	
Clofentezine	0.050	0.200	ND	Pass		Phosmet	0.040	0.200	ND	Pass	
Cyfluthrin	0.450	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	ND	Pass	
Cypermethrin	0.050	1.000	ND	Pass		Prallethrin	0.050	0.200	ND	Pass	
Daminozide	0.450	1.000	ND	Pass	M1	Propiconazole	0.050	0.400	ND	Pass	
Dichlorvos (DDVP)	0.050	0.100	ND	Pass	M1	Propoxur	0.050	0.200	ND	Pass	
Diazinon	0.050	0.200	ND	Pass		Pyrethrins	0.460	1.000	ND	Pass	
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	
Ethoprophos	0.050	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	
Etofenprox	0.050	0.400	ND	Pass		Spiromesifen	0.050	0.200	ND	Pass	
Etoxazole	0.040	0.200	ND	Pass		Spirotetramat	0.050	0.200	ND	Pass	
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass		Tebuconazole	0.050	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass		Thiacloprid	0.050	0.200	ND	Pass	
Flonicamid	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: 04/02/2024 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 Schubert
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	

Qualifiers:
Date Tested: 04/03/2024 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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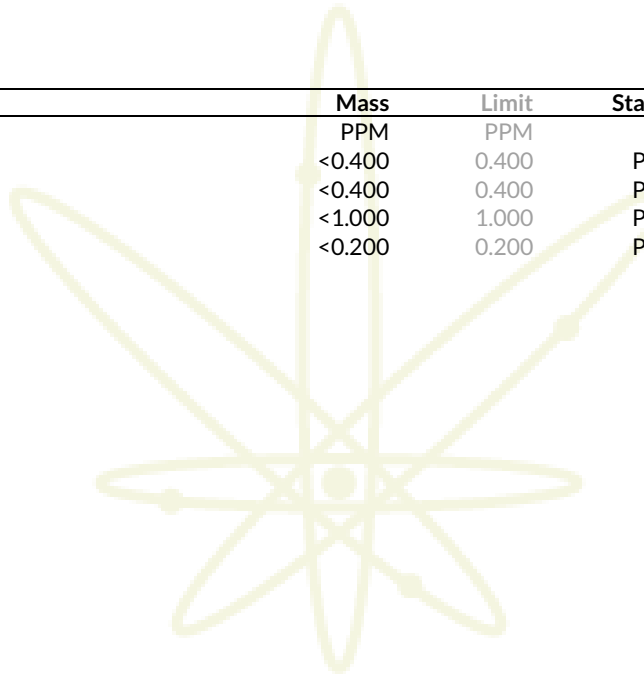
Plant, Flower - Cured, Indoor



Heavy Metals

Pass

Analyte	Mass PPM	Limit PPM	Status	Qualifier
Arsenic	<0.400	0.400	Pass	V1
Cadmium	<0.400	0.400	Pass	V1
Lead	<1.000	1.000	Pass	
Mercury	<0.200	0.200	Pass	



LEVEL ONE

Qualifiers:
Date Tested: 04/05/2024 07:00 am

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