

Releaf Brands

8060 E 22nd St
Tucson, AZ 85710
hannatempesta@gmail.com
(928) 460-1817
Lic. #00000081DCPK00962019

Sample: 2407LVL0933.4787

Secondary License: 0000144ESQK21738687; Chain of Distribution: Desert Bloom ReLeaf Center, ReLeaf85624
Strain: Sonoran Lime; Batch Size: 200 g; External Batch ID: 177 Sonoran Lime
Sample Received: 07/26/2024; Report Created: 07/31/2024; Report Expiration: 07/31/2025
Sampling Date: 07/25/2024; Sampling Time: 12pm; Sampling Person: Hanna
Harvest Date: 07/09/2024; Manufacturing Date: 07/09/2024; External Lot ID: 00292 (4090 grams)

177 Sonoran Lime
Plant, Flower - Cured, Indoor



29.65% Total THC	0.00% Total CBD	35.30% Total Cannabinoids (Q3)
15.36 mg/g Total Terpenes (Q3)	Complete 9.6% Moisture (Q3)	

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.96	33.80	338.0	M1
Δ9-THC	0.96	ND	ND	
Δ8-THC	0.96	ND	ND	Q3
THCVa	0.96	<LOQ	<LOQ	Q3
THCV	0.96	ND	ND	Q3
CBDa	0.96	ND	ND	
CBD	0.96	ND	ND	
CBDVa	0.96	ND	ND	Q3
CBDV	0.96	ND	ND	Q3
CBN	0.96	ND	ND	Q3
CBGa	0.96	1.49	14.9	Q3
CBG	0.96	ND	ND	Q3
CBCa	0.96	<LOQ	<LOQ	Q3
CBC	0.96	ND	ND	Q3
Total		35.30	353.0	Q3

Qualifiers:
Date Tested: 07/29/2024 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	Result	Result	Qualifier	Analyte	LOQ	Result	Result	Qualifier
	mg/g	mg/g	%			mg/g	mg/g	%	
β-Caryophyllene	0.20	6.64	0.664	Q3	Citronellol	0.99	ND	ND	Q3
β-Myrcene	0.10	2.93	0.293	Q3	Eucalyptol	0.10	ND	ND	Q3
α-Humulene	0.10	2.24	0.224	Q3	Farnesene	0.02	ND	ND	Q3
δ-Limonene	0.20	1.41	0.141	Q3	Fenchone	0.20	<LOQ	<LOQ	Q3
α-Bisabolol	0.10	0.80	0.080	Q3	γ-Terpinene	0.10	ND	ND	Q3
Linalool	0.20	0.54	0.054	Q3	γ-Terpineol	0.02	ND	ND	Q3
α-Terpineol	0.16	0.24	0.024	Q3	Geraniol	1.97	ND	ND	Q3
Fenchol	0.10	0.22	0.022	Q3	Geranyl Acetate	0.10	ND	ND	Q3
α-Pinene	0.10	0.17	0.017	Q3	Guaiol	0.10	ND	ND	Q3
Caryophyllene Oxide	0.10	0.17	0.017	Q3	Isoborneol	0.99	ND	ND	Q3
3-Carene	0.20	ND	ND	Q3	Isopulegol	0.10	ND	ND	Q3
α-Cedrene	0.10	ND	ND	Q3	Menthol	0.10	ND	ND	Q3
α-Phellandrene	0.10	ND	ND	Q3	Nerol	0.10	ND	ND	Q3
α-Terpinene	0.10	ND	ND	Q3	Pulegone	0.10	ND	ND	Q3
β-Eudesmol	0.10	ND	ND	Q3	p-Cymene	0.10	ND	ND	Q3
β-Pinene	0.20	<LOQ	<LOQ	Q3	Sabinene	0.10	ND	ND	Q3
Borneol	0.30	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.10	ND	ND	Q3
Camphene	0.10	<LOQ	<LOQ	Q3	Terpinolene	0.20	<LOQ	<LOQ	Q3
Camphor	0.39	ND	ND	Q3	trans-Nerolidol	0.10	ND	ND	Q3
Cedrol	0.10	ND	ND	Q3	trans-Ocimene	0.07	ND	ND	Q3
cis-Nerolidol	0.20	ND	ND	Q3	Valencene	0.10	ND	ND	Q3
cis-Ocimene	0.03	ND	ND	Q3					


Primary Aromas




Cinnamon




Hops



Lemon



Chamomile



Lavender

15.36 mg/g

Total Terpenes

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Date Tested: 07/29/2024 07:00 am

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Certificate of Analysis

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Plant, Flower - Cured, Indoor



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	0.050	Pass	M1	Hexythiazox	0.050	1.000	ND	Pass	M1
Acephate	0.040	0.400	ND	Pass		Imazalil	0.050	0.200	ND	Pass	M1
Acetamiprid	0.050	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	0.141	Pass	L1 M1	Metalaxyl	0.050	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	0.050	0.200	ND	Pass		Oxamyl	0.050	1.000	ND	Pass	
Chlorfenapyr	0.460	1.000	ND	Pass		Pacllobutrazol	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	0.050	0.200	ND	Pass	
Cyfluthrin	0.460	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	<LOQ	Pass	M1
Cypermethrin	0.050	1.000	ND	Pass		Prallethrin	0.050	0.200	ND	Pass	M1
Daminozide	0.460	1.000	ND	Pass		Propiconazole	0.050	0.400	ND	Pass	
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	ND	Pass	L1 M1
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	M2
Ethoprophos	0.050	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	
Etofenprox	0.050	0.400	ND	Pass	M2	Spiromesifen	0.050	0.200	ND	Pass	M2
Etoxazole	0.050	0.200	ND	Pass		Spirotetramat	0.050	0.200	ND	Pass	
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.050	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass		Tebuconazole	0.050	0.400	ND	Pass	
Fipronil	0.050	0.400	ND	Pass	M1	Thiacloprid	0.050	0.200	ND	Pass	
Flonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.050	0.400	ND	Pass		Trifloxystrobin	0.050	0.200	ND	Pass	

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 07/26/2024 12:00 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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Plant, Flower - Cured, Indoor



Microbials

Pass

Analyte	Result	Result Units	Status	Qualifier
E. Coli	<100	CFU/G	Pass	D1
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: 07/26/2024 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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Heavy Metals

Pass

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

LEVEL ONE

Qualifiers:
Date Tested: 07/29/2024 07:00 am

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