

Certificate of Analysis

Releaf Brands

8060 E 22nd St
Tucson, AZ 85710
bturner@releafbrands.com
(520) 612-4303
Lic. #00000081DCPK00962019


Secondary License: 00000144ESQK21738687; Chain of Distribution: Desert Bloom ReLeaf Center + ReLeaf 85624
Strain: Lemon Creme Kush; Batch Size: 14869 g; External Batch ID: A029 Lemon Creme Kush
Sample Received: 01/22/2025; Report Created: 01/29/2025; Report Expiration: 01/29/2026
Sampling Date: 01/02/2025; Sampling Time: 7:48 am; Sampling Person: Maggie
Harvest Date: 11/20/2024; Manufacturing Date: ; External Lot ID: 00315 (315g)
Date of Pickup: 01/22/2025 Time Collected: 948

Sample: 2501LVL0057.0288

A029 Lemon Creme Kush

Plant, Flower - Cured, Other



	19.50%	<LOQ	23.42%
	Total THC	Total CBD	
	11.17 mg/g	Complete 5.3%	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	Moisture (Q3)	

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.16	18.98	189.8	
Δ9-THC	0.16	2.85	28.5	
Δ8-THC	0.16	ND	ND	Q3
THCVa	0.16	<LOQ	<LOQ	Q3
THCV	0.16	ND	ND	Q3
CBDa	0.16	<LOQ	<LOQ	
CBD	0.16	ND	ND	
CBDVa	0.16	ND	ND	Q3
CBDV	0.16	ND	ND	Q3
CBN	0.16	<LOQ	<LOQ	Q3
CBGa	0.16	0.81	8.1	Q3
CBG	0.16	0.16	1.6	Q3
CBCa	0.16	0.60	6.0	Q3
CBC	0.16	<LOQ	<LOQ	Q3
Total		23.42	234.2	Q3

Qualifiers:
Date Tested: 01/22/2025 12:00 am

Total THC = THCa * 0.877 + Δ9-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	%	
Farnesene	0.02	3.68	0.368	Q3	cis-Ocimene	0.03	ND	ND	Q3
β-Myrcene	0.10	3.44	0.344	Q3	Citronellol	0.96	<LOQ	<LOQ	Q3
α-Pinene	0.10	1.39	0.139	Q3	Eucalyptol	0.10	ND	ND	Q3
δ-Limonene	0.19	0.79	0.079	Q3	Fenchone	0.19	ND	ND	Q3
β-Caryophyllene	0.19	0.42	0.042	Q3	γ-Terpinene	0.10	ND	ND	Q3
β-Pinene	0.19	0.39	0.039	Q3	γ-Terpineol	0.02	ND	ND	Q3
Linalool	0.19	0.34	0.034	Q3	Geraniol	1.92	ND	ND	Q3
α-Bisabolol	0.10	0.29	0.029	Q3	Geranyl Acetate	0.10	ND	ND	Q3
Fenchol	0.10	0.27	0.027	Q3	Guaiol	0.10	ND	ND	Q3
α-Terpineol	0.16	0.16	0.016	Q3	Isoborneol	0.96	ND	ND	Q3
3-Carene	0.19	ND	ND	Q3	Isopulegol	0.10	ND	ND	Q3
α-Cedrene	0.10	ND	ND	Q3	Menthol	0.10	ND	ND	Q3
α-Humulene	0.10	ND	ND	Q3	Nerol	0.10	ND	ND	Q3
α-Phellandrene	0.10	ND	ND	Q3	Pulegone	0.10	ND	ND	Q3
α-Terpinene	0.10	ND	ND	Q3	p-Cymene	0.10	ND	ND	Q3
β-Eudesmol	0.10	ND	ND	Q3	Sabinene	0.10	ND	ND	Q3
Borneol	0.29	ND	ND	Q3	Sabinene Hydrate	0.10	ND	ND	Q3
Camphene	0.10	<LOQ	<LOQ	Q3	Terpinolene	0.19	ND	ND	Q3
Camphor	0.38	ND	ND	Q3	trans-Nerolidol	0.10	ND	ND	Q3
Caryophyllene	0.10	<LOQ	<LOQ	Q3	trans-Ocimene	0.06	ND	ND	Q3
Oxide	0.10	ND	ND	Q3	Valencene	0.10	ND	ND	Q3
Cedrol	0.10	ND	ND	Q3					
cis-Nerolidol	0.19	ND	ND	Q3					

Primary Aromas



Magnolia



Hops



Pine



Lemon



Cinnamon

11.17 mg/g

Total Terpenes

Qualifiers:
Date Tested: 01/22/2025 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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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	0.050	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass		Imazalil	0.050	0.200	ND	Pass	
Acetamiprid	0.050	0.200	ND	Pass	M1	Imidacloprid	0.050	0.400	ND	Pass	M1
Aldicarb	0.050	0.400	ND	Pass	M1	Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	0.200	ND	Pass	L1	Malathion	0.050	0.200	ND	Pass	M1
Bifenazate	0.050	0.200	ND	Pass	L1	Metalaxyl	0.050	0.200	ND	Pass	M1
Bifenthrin	0.050	0.200	ND	Pass	M2	Methiocarb	0.040	0.200	ND	Pass	L1
Boscalid	0.040	0.400	ND	Pass	L1	Methomyl	0.050	0.400	ND	Pass	
Carbaryl	0.050	0.200	ND	Pass		Myclobutanil	0.050	0.200	ND	Pass	L1 R1
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	L1	Paclobutrazol	0.050	0.400	ND	Pass	M1
Chlorpyrifos	0.050	0.200	ND	Pass	M1	Permethrins	0.050	0.200	ND	Pass	
Clofentezine	0.050	0.200	ND	Pass		Phosmet	0.040	0.200	ND	Pass	L1
Cyfluthrin	0.460	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	ND	Pass	M1
Cypermethrin	0.050	1.000	ND	Pass	M2	Prallethrin	0.050	0.200	ND	Pass	
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	M1
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	
Ethoprophos	0.050	0.200	ND	Pass	M1	Spinosad	0.050	0.200	ND	Pass	M2
Etofenprox	0.050	0.400	ND	Pass		Spiromesifen	0.050	0.200	ND	Pass	
Etoxazole	0.050	0.200	ND	Pass	M1	Spirotetramat	0.050	0.200	ND	Pass	M1
Fenoxycarb	0.050	0.200	ND	Pass	L1	Spiroxamine	0.040	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass	M2	Tebuconazole	0.050	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass	L1 R1	Thiacloprid	0.050	0.200	ND	Pass	M1
Flonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass	M1	Trifloxystrobin	0.050	0.200	ND	Pass	M1

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 01/22/2025 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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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: 01/23/2025 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	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	<0.103	0.103	0.400	Pass	V1
Cadmium	<0.103	0.103	0.400	Pass	
Lead	<0.103	0.103	1.000	Pass	
Mercury	<0.103	0.103	0.200	Pass	

LEVEL ONE

Qualifiers:
Date Tested: 01/27/2025 12:00 am

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