

**Releaf Brands**

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

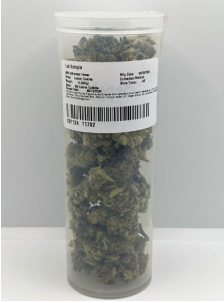
**Sample: 2409LVL1171.5473**

Secondary License: 00000144ESQK21738687; Chain of Distribution: Desert Bloom ReLeaf Center + ReLeaf 85624  
Strain: Lemon Cookies; Batch Size: 4814 g; External Batch ID: 180 Lemon Cookies  
Sample Received: 09/12/2024; Report Created: 09/24/2024; Report Expiration: 09/24/2025  
Sampling Date: 09/05/2024; Sampling Time: 11:38 am; Sampling Person: Jess  
Harvest Date: 08/19/2024; Manufacturing Date: 08/19/2024; External Lot ID: 00299 (200g)  
Date of Pickup: Time Collected:

**180 Lemon Cookies**

Plant, Bulk Flower, Indoor



	<b>24.47%</b>	<b>ND</b>	<b>27.91%</b>
	Total THC	Total CBD	
	<b>6.02 mg/g</b>	<b>Complete</b> 4.8%	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	Moisture (Q3)	

**Cannabinoids**

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.99	27.91	279.1	M1
Δ9-THC	0.99	<LOQ	<LOQ	
Δ8-THC	0.99	ND	ND	Q3
THCVa	0.99	<LOQ	<LOQ	Q3
THCV	0.99	ND	ND	Q3
CBDa	0.99	ND	ND	
CBD	0.99	ND	ND	M2
CBDVa	0.99	ND	ND	Q3
CBDV	0.99	ND	ND	Q3
CBN	0.99	ND	ND	Q3
CBGa	0.99	<LOQ	<LOQ	Q3
CBG	0.99	ND	ND	Q3
CBCa	0.99	ND	ND	Q3
CBC	0.99	ND	ND	Q3
<b>Total</b>		<b>27.91</b>	<b>279.1</b>	<b>Q3</b>

Qualifiers:  
Date Tested: 09/13/2024 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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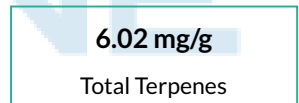
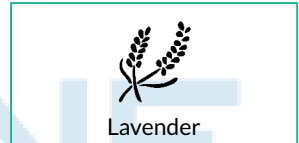
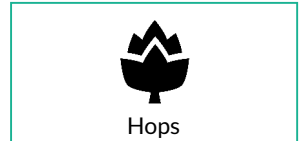
Plant, Bulk Flower, Indoor



## Terpenes

Analyte	LOQ	Result	Result	Qualifier	Analyte	LOQ	Result	Result	Qualifier
	mg/g	mg/g	%			mg/g	mg/g	%	
β-Caryophyllene	0.21	2.34	0.234	Q3	cis-OCimene	0.03	ND	ND	Q3
Farnesene	0.02	1.22	0.122	Q3	Citronellol	1.03	ND	ND	Q3
α-Humulene	0.10	0.74	0.074	Q3	Eucalyptol	0.10	ND	ND	Q3
δ-Limonene	0.21	0.41	0.041	Q3	Fenchone	0.21	<LOQ	<LOQ	Q3
Linalool	0.21	0.27	0.027	Q3	γ-Terpinene	0.10	ND	ND	Q3
Fenchol	0.10	0.25	0.025	Q3	γ-Terpineol	0.02	ND	ND	Q3
α-Terpineol	0.17	0.22	0.022	Q3	Geraniol	2.06	ND	ND	Q3
α-Pinene	0.10	0.17	0.017	Q3	Geranyl Acetate	0.10	ND	ND	Q3
β-Myrcene	0.10	0.15	0.015	Q3	Guaiol	0.10	ND	ND	Q3
Caryophyllene Oxide	0.10	0.15	0.015	Q3	Isoborneol	1.03	ND	ND	Q3
α-Bisabolol	0.10	0.10	0.010	Q3	Isopulegol	0.10	ND	ND	Q3
3-Carene	0.21	ND	ND	Q3	Menthol	0.10	ND	ND	Q3
α-Cedrene	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
β-Pinene	0.21	<LOQ	<LOQ	Q3	Sabinene Hydrate	0.10	ND	ND	Q3
Borneol	0.31	<LOQ	<LOQ	Q3	Terpinolene	0.21	ND	ND	Q3
Camphene	0.10	<LOQ	<LOQ	Q3	trans-Nerolidol	0.10	ND	ND	Q3
Camphor	0.41	ND	ND	Q3	trans-OCimene	0.07	ND	ND	Q3
Cedrol	0.10	ND	ND	Q3	Valencene	0.10	ND	ND	Q3
cis-Nerolidol	0.21	ND	ND	Q3					

## Primary Aromas



Qualifiers:  
Date Tested: 09/13/2024 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.



# Certificate of Analysis

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## 180 Lemon Cookies

Plant, Bulk Flower, 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	ND	Pass	L1 V1	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	M1
Aldicarb	0.050	0.400	ND	Pass		Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	0.200	ND	Pass		Malathion	0.040	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	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass		Oxamyl	0.040	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	0.040	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	0.040	0.200	ND	Pass	
Daminozide	0.450	1.000	ND	Pass		Propiconazole	0.050	0.400	ND	Pass	M2
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	
Dimethoate	0.050	0.200	ND	Pass		Pyridaben	0.050	0.200	ND	Pass	
Ethoprophos	0.040	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	M2
Etofenprox	0.050	0.400	ND	Pass	M2	Spiromesifen	0.050	0.200	ND	Pass	
Etoxazole	0.040	0.200	ND	Pass		Spirotetramat	0.050	0.200	ND	Pass	M1
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.040	0.400	ND	Pass	M1
Fenpyroximate	0.050	0.400	ND	Pass		Tebuconazole	0.050	0.400	ND	Pass	L1 V1
Fipronil	0.040	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	0.040	0.400	ND	Pass	M1	Trifloxystrobin	0.050	0.200	ND	Pass	

## Herbicides

Analyte	LOQ	Limit	Units	Status
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### Qualifiers:

Date Tested: 09/14/2024 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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Laboratory Manager

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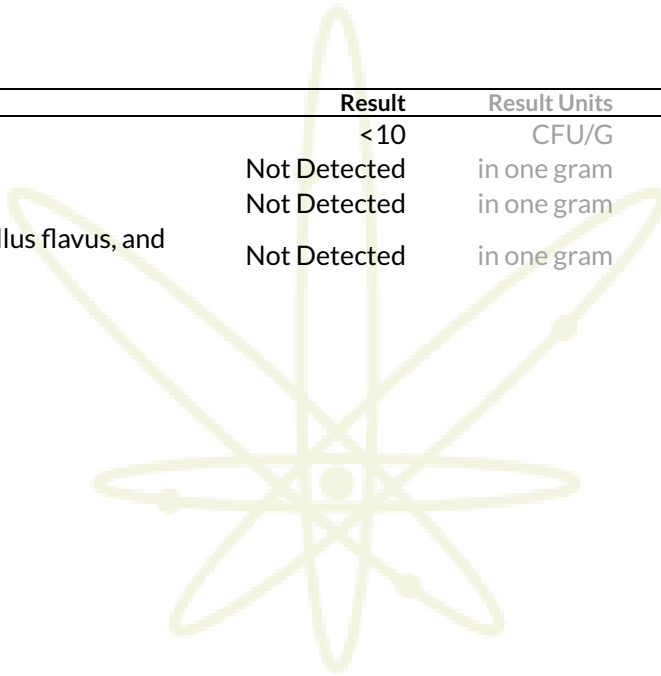
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## Microbials

## 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	



# LEVEL ONE

Qualifiers:  
Date Tested: 09/13/2024 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	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	<0.099	0.099	0.400	Pass	V1
Cadmium	<0.099	0.099	0.400	Pass	V1
Lead	ND	0.099	1.000	Pass	
Mercury	ND	0.099	0.200	Pass	

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