

Certificate of Analysis

Project Packs

Phoenix, AZ 85009

Lic. #00000084ESFH12297246

Sample: 2505LVL0473.2471

Secondary License: ; Chain of Distribution:

Strain: Lemon Kush; Batch Size: g; External Batch ID: LMNKI241224

Sample Received: 05/30/2025; Report Created: 06/05/2025; Report Expiration: 06/05/2026

Sampling Date: 05/28/2025; Sampling Time: 7AM; Sampling Person: Scott Interdonato


Harvest Date: 03/17/2025; Manufacturing Date: ; External Lot ID: 16090

Date of Pickup: 05/30/2025 Time Collected: 9:27

LMNKI241224

Plant, Enhanced/Infused Flowers



	58.91%	ND	66.79%
	Total THC	Total CBD	
	14.59 mg/g	Complete	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	NR Moisture (Q3)	

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.50	64.03	640.3	
Δ9-THC	0.50	2.75	27.5	
Δ8-THC	0.50	ND	ND	Q3
THCVa	0.50	<LOQ	<LOQ	Q3
THCV	0.50	ND	ND	Q3
CBDa	0.50	ND	ND	
CBD	0.50	ND	ND	
CBDVa	0.50	ND	ND	Q3
CBDV	0.50	ND	ND	Q3
CBN	0.50	ND	ND	Q3
CBGa	0.50	<LOQ	<LOQ	Q3
CBG	0.50	<LOQ	<LOQ	Q3
CBCa	0.50	<LOQ	<LOQ	Q3
CBC	0.50	ND	ND	Q3
Total		66.79	667.9	Q3

Qualifiers:
Date Tested: 05/30/2025 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	4.73	0.473	Q3	cis-Nerolidol	0.22	ND	ND	Q3
β-Caryophyllene	0.22	4.02	0.402	Q3	Citronellol	1.10	<LOQ	<LOQ	Q3
δ-Limonene	0.22	1.56	0.156	Q3	Eucalyptol	0.11	ND	ND	Q3
β-Myrcene	0.11	1.25	0.125	Q3	Fenchone	0.22	ND	ND	Q3
α-Humulene	0.11	1.13	0.113	Q3	γ-Terpinene	0.11	ND	ND	Q3
Linalool	0.22	0.55	0.055	Q3	γ-Terpineol	0.02	ND	ND	Q3
Fenchol	0.11	0.39	0.039	Q3	Geraniol	2.21	ND	ND	Q3
α-Terpineol	0.18	0.33	0.033	Q3	Geranyl Acetate	0.11	ND	ND	Q3
α-Bisabolol	0.11	0.19	0.019	Q3	Guaiol	0.11	ND	ND	Q3
α-Pinene	0.11	0.17	0.017	Q3	Isoborneol	1.10	ND	ND	Q3
Caryophyllene	0.11	0.14	0.014	Q3	Isopulegol	0.11	ND	ND	Q3
Oxide	0.11	0.14	0.014	Q3	Menthol	0.11	ND	ND	Q3
cis-Ocimene	0.03	0.13	0.013	Q3	Nerol	0.11	ND	ND	Q3
3-Carene	0.22	ND	ND	Q3	Pulegone	0.11	ND	ND	Q3
α-Cedrene	0.11	ND	ND	Q3	p-Cymene	0.11	ND	ND	Q3
α-Phellandrene	0.11	ND	ND	Q3	Sabinene	0.11	ND	ND	Q3
α-Terpinene	0.11	ND	ND	Q3	Sabinene Hydrate	0.11	ND	ND	Q3
β-Eudesmol	0.11	ND	ND	Q3	Terpinolene	0.22	<LOQ	<LOQ	Q3
β-Pinene	0.22	<LOQ	<LOQ	Q3	trans-Nerolidol	0.11	ND	ND	Q3
Borneol	0.33	ND	ND	Q3	trans-Ocimene	0.07	ND	ND	Q3
Camphene	0.11	ND	ND	Q3	Valencene	0.11	ND	ND	Q3
Camphor	0.44	ND	ND	Q3					
Cedrol	0.11	ND	ND	Q3					

Primary Aromas



Magnolia



Cinnamon



Lemon



Hops



Lavender

14.59 mg/g

Total Terpenes

Qualifiers:

Date Tested: 05/30/2025 12:00 am

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Plant, Enhanced/Infused Flowers



Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
	PPM	PPM	PPM		
Acetone	362.650	1000.000	ND	Pass	
Acetonitrile	147.420	410.000	ND	Pass	
Benzene	0.720	2.000	ND	Pass	V1 L1
Butanes	2412.850	5000.000	ND	Pass	
Chloroform	21.720	60.000	ND	Pass	V1 L1
Dichloromethane	220.670	600.000	ND	Pass	
Ethanol	1799.300	5000.000	ND	Pass	V1 L1
Ethyl-Acetate	1801.000	5000.000	ND	Pass	V1
Ethyl-Ether	1793.980	5000.000	ND	Pass	V1
Heptane	1796.590	5000.000	ND	Pass	V1 L1
Hexanes	103.560	290.000	ND	Pass	V1
Isopropanol	1790.860	5000.000	ND	Pass	V1
Isopropyl-Acetate	1794.180	5000.000	ND	Pass	V1
Methanol	1073.690	3000.000	ND	Pass	
Pentanes	1805.820	5000.000	ND	Pass	V1 L1
Toluene	323.130	890.000	ND	Pass	V1
Xylenes	774.220	2170.000	ND	Pass	V1

LEVEL ONE

Qualifiers:

Date Tested: 05/30/2025 07:00 am

Performed by GCMS-HS per SOP-LM-014. Methods used per AZDHS R9-17-404.03 and solvent limits set by AZDHS R9-17 Table 3.1. ADHS approved method for residual solvents by GCMS-HS for all listed analytes.



1525 N Granite Reef Rd

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Date of Pickup: 05/30/2025 Time Collected: 9:27

LMNKI241224

Plant, Enhanced/Infused Flowers



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	V1 L1	Hexythiazox	0.040	1.000	ND	Pass	V1 L1
Acephate	0.040	0.400	ND	Pass	V1 L1	Imazalil	0.040	0.200	ND	Pass	V1 L1
Acetamiprid	0.040	0.200	ND	Pass	V1 L1	Imidacloprid	0.040	0.400	ND	Pass	L1
Aldicarb	0.040	0.400	ND	Pass	V1 L1	Kresoxim Methyl	0.040	0.400	ND	Pass	V1 L1
Azoxystrobin	0.050	0.200	ND	Pass	V1 L1	Malathion	0.040	0.200	ND	Pass	V1 L1
Bifenazate	0.040	0.200	ND	Pass	V1 L1	Metalaxyl	0.040	0.200	ND	Pass	V1 L1
Bifenthrin	0.040	0.200	ND	Pass	V1 M1	Methiocarb	0.040	0.200	ND	Pass	V1 L1
Boscalid	0.040	0.400	ND	Pass	V1 L1	Methomyl	0.040	0.400	ND	Pass	V1 L1
Carbaryl	0.040	0.200	ND	Pass	V1 L1	Myclobutanil	0.040	0.200	ND	Pass	V1 L1
Carbofuran	0.040	0.200	ND	Pass	V1 L1	Naled	0.040	0.500	ND	Pass	L1
Chlorantraniliprole	0.040	0.200	ND	Pass	V1 L1	Oxamyl	0.040	1.000	ND	Pass	V1 L1
Chlorfenapyr	0.440	1.000	ND	Pass	L1	Paclobutrazol	0.040	0.400	ND	Pass	V1 L1
Chlorpyrifos	0.040	0.200	ND	Pass	V1 L1	Permethrins	0.040	0.200	ND	Pass	V1 L1
Clofentezine	0.040	0.200	ND	Pass	V1 L1	Phosmet	0.040	0.200	ND	Pass	V1 L1
Cyfluthrin	0.440	1.000	ND	Pass	V1 L1	Piperonyl Butoxide	0.040	2.000	ND	Pass	V1 L1
Cypermethrin	0.040	1.000	ND	Pass	V1 L1	Prallethrin	0.040	0.200	ND	Pass	V1 L1
Daminozide	0.440	1.000	ND	Pass	V1 L1 R1	Propiconazole	0.040	0.400	ND	Pass	V1 L1
Dichlorvos (DDVP)	0.040	0.100	ND	Pass	V1 L1	Propoxur	0.040	0.200	ND	Pass	V1 L1
Diazinon	0.040	0.200	ND	Pass	V1 L1	Pyrethrins	0.440	1.000	ND	Pass	V1 L1 R1
Dimethoate	0.040	0.200	ND	Pass	V1 L1	Pyridaben	0.040	0.200	ND	Pass	V1 L1
Ethoprophos	0.040	0.200	ND	Pass	V1 L1	Spinosad	0.040	0.200	ND	Pass	V1 L1
Etofenprox	0.040	0.400	ND	Pass	V1 L1 M2	Spiromesifen	0.040	0.200	ND	Pass	L1
Etoxazole	0.040	0.200	ND	Pass	V1 L1	Spirotetramat	0.040	0.200	ND	Pass	V1 L1
Fenoxycarb	0.040	0.200	ND	Pass	V1 L1	Spiroxamine	0.040	0.400	ND	Pass	V1 L1
Fenpyroximate	0.040	0.400	ND	Pass	V1 L1	Tebuconazole	0.040	0.400	ND	Pass	V1 L1
Fipronil	0.040	0.400	ND	Pass	V1 L1	Thiacloprid	0.040	0.200	ND	Pass	V1 L1
Flonicamid	0.040	1.000	ND	Pass	V1 L1	Thiamethoxam	0.040	0.200	ND	Pass	L1
Fludioxonil	0.040	0.400	ND	Pass	V1 L1	Trifloxystrobin	0.040	0.200	ND	Pass	V1 L1

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 06/02/2025 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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LMNKI241224

Plant, Enhanced/Infused Flowers



Mycotoxins

Pass

Total Ochratoxins Date Tested: 05/31/2025

Total Aflatoxins Date Tested: 05/31/2025

Analyte	LOQ	Limit	Result	Status	Qualifier
	µg/kg	µg/kg	µg/kg		
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	3.49	Pass	

LEVEL ONE

TNTC = Too Numerous to Count. The lower limit of quantification for Aflatoxin is 4ppb and the lower limit of quantification for Ochratoxin is 2ppb unless noted on the CoA by further dilution. Unless otherwise stated all quality control samples performed within specifications. Analysis Method/Instrumentation: direct ELISA produced by Romer Labs and read on Bio-Tek 800TS microplate reader. Procedure followed SOP-LM-018. Methods used per AZDHS R9-17-404.03 and R9-17-404.04 and limits set by AZDHS R9-17 Table 3.1. ADHS approved method.



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Plant, Enhanced/Infused Flowers



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: 06/02/2025 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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LMNKI241224

Plant, Enhanced/Infused Flowers



Heavy Metals

Pass

Analyte	Result	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	<0.168	0.168	0.400	Pass	
Cadmium	<0.168	0.168	0.400	Pass	
Lead	ND	0.168	1.000	Pass	
Mercury	<0.168	0.168	0.200	Pass	

LEVEL ONE

Qualifiers:
Date Tested: 06/03/2025 12:00 am

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