

# Certificate of Analysis

## Project Packs

Phoenix, AZ 85009

Lic. #00000084ESFH12297246

**Sample: 2506LVL0527.2705**

Secondary License: ; Chain of Distribution:

Strain: Lemon Kush; Batch Size: g; External Batch ID: LMNK250527.LRE

Sample Received: 06/12/2025; Report Created: 06/17/2025; Report Expiration: 06/17/2026

Sampling Date: 06/12/2025; Sampling Time: 9AM; Sampling Person: Alex Volpentest

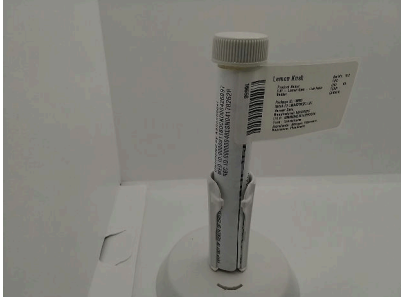
Harvest Date: 05/02/2025; Manufacturing Date: ; External Lot ID:

Date of Pickup: Time Collected:

**LMNK250527.LRE**

Concentrates & Extracts, Live Resin



	<b>69.07%</b>	<b>ND</b>	<b>78.09%</b>
	Total THC	Total CBD	
	<b>103.09 mg/g</b>	<b>Not Tested</b>	<b>Total Cannabinoids (Q3)</b>
	Total Terpenes (Q3)	NT Moisture (Q3)	

## Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	2.12	73.33	733.3	M1
Δ9-THC	2.12	4.77	47.7	
Δ8-THC	2.12	ND	ND	Q3
THCVa	2.12	<LOQ	<LOQ	Q3
THCV	2.12	ND	ND	Q3
CBDa	2.12	ND	ND	
CBD	2.12	ND	ND	
CBDVa	2.12	ND	ND	Q3
CBDV	2.12	ND	ND	Q3
CBN	2.12	ND	ND	Q3
CBGa	2.12	<LOQ	<LOQ	Q3
CBG	2.12	<LOQ	<LOQ	Q3
CBCa	2.12	<LOQ	<LOQ	Q3
CBC	2.12	ND	ND	Q3
<b>Total</b>		<b>78.09</b>	<b>780.9</b>	<b>Q3</b>

Qualifiers:  
Date Tested: 06/12/2025 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	%	
β-Myrcene	0.46	43.46	4.346	Q3	cis-Nerolidol	0.93	ND	ND	Q3
Farnesene	0.08	25.57	2.557	Q3	Citronellol	4.63	<LOQ	<LOQ	Q3
δ-Limonene	0.93	9.89	0.989	Q3	Eucalyptol	0.46	ND	ND	Q3
β-Caryophyllene	0.93	8.05	0.805	Q3	Fenchone	0.93	ND	ND	Q3
α-Pinene	0.46	3.97	0.397	Q3	γ-Terpinene	0.46	ND	ND	Q3
α-Humulene	0.46	3.08	0.308	Q3	γ-Terpeneol	0.10	ND	ND	Q3
Linalool	0.93	2.63	0.263	Q3	Geraniol	9.27	ND	ND	Q3
cis-Ocimene	0.13	1.69	0.169	Q3	Geranyl Acetate	0.46	ND	ND	Q3
Fenchol	0.46	1.57	0.157	Q3	Guaiol	0.46	ND	ND	Q3
α-Terpeneol	0.76	1.39	0.139	Q3	Isoborneol	4.63	ND	ND	Q3
β-Pinene	0.93	1.22	0.122	Q3	Isopulegol	0.46	ND	ND	Q3
α-Bisabolol	0.46	0.57	0.057	Q3	Menthol	0.46	ND	ND	Q3
3-Carene	0.93	ND	ND	Q3	Nerol	0.46	ND	ND	Q3
α-Cedrene	0.46	ND	ND	Q3	Pulegone	0.46	ND	ND	Q3
α-Phellandrene	0.46	ND	ND	Q3	p-Cymene	0.46	ND	ND	Q3
α-Terpinene	0.46	ND	ND	Q3	Sabinene	0.46	ND	ND	Q3
β-Eudesmol	0.46	ND	ND	Q3	Sabinene Hydrate	0.46	ND	ND	Q3
Borneol	1.39	ND	ND	Q3	Terpinolene	0.93	<LOQ	<LOQ	Q3
Camphene	0.46	<LOQ	<LOQ	Q3	trans-Nerolidol	0.46	ND	ND	Q3
Camphor	1.85	ND	ND	Q3	trans-Ocimene	0.31	ND	ND	Q3
Caryophyllene	0.46	ND	ND	Q3	Valencene	0.46	ND	ND	Q3
Oxide									
Cedrol	0.46	ND	ND	Q3					

## Primary Aromas



Hops



Magnolia



Lemon



Cinnamon



Pine

103.09 mg/g

Total Terpenes

### Qualifiers:

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

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Concentrates & Extracts, Live Resin



## Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
	PPM	PPM	PPM		
Acetone	345.320	1000.000	ND	Pass	M2
Acetonitrile	140.370	410.000	ND	Pass	
Benzene	0.690	2.000	ND	Pass	
Butanes	2297.510	5000.000	ND	Pass	
Chloroform	20.680	60.000	ND	Pass	L1
Dichloromethane	210.120	600.000	ND	Pass	L1
Ethanol	1713.290	5000.000	ND	Pass	
Ethyl-Acetate	1714.910	5000.000	ND	Pass	V1 L1
Ethyl-Ether	1708.220	5000.000	ND	Pass	
Heptane	1710.710	5000.000	ND	Pass	
Hexanes	98.610	290.000	ND	Pass	
Isopropanol	1705.260	5000.000	ND	Pass	
Isopropyl-Acetate	1708.410	5000.000	ND	Pass	L1
Methanol	1022.370	3000.000	ND	Pass	
Pentanes	1719.500	5000.000	ND	Pass	V1 L1
Toluene	307.690	890.000	ND	Pass	L1
Xylenes	737.210	2170.000	ND	Pass	L1

**LEVEL ONE**

Qualifiers:

Date Tested: 06/12/2025 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.



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Date of Pickup: Time Collected:

LMNK250527.LRE

Concentrates & Extracts, Live Resin



## 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	Hexythiazox	0.040	1.000	ND	Pass	L1
Acephate	0.040	0.400	ND	Pass	L1	Imazalil	0.040	0.200	ND	Pass	L1
Acetamiprid	0.040	0.200	ND	Pass	L1	Imidacloprid	0.040	0.400	ND	Pass	L1
Aldicarb	0.040	0.400	ND	Pass	L1	Kresoxim Methyl	0.040	0.400	ND	Pass	L1
Azoxystrobin	0.040	0.200	ND	Pass	L1	Malathion	0.040	0.200	ND	Pass	L1
Bifenazate	0.040	0.200	ND	Pass	L1	Metalaxyl	0.040	0.200	ND	Pass	L1
Bifenthrin	0.040	0.200	ND	Pass	L1	Methiocarb	0.040	0.200	ND	Pass	L1
Boscalid	0.040	0.400	ND	Pass	L1	Methomyl	0.040	0.400	ND	Pass	L1
Carbaryl	0.040	0.200	ND	Pass	L1	Myclobutanil	0.040	0.200	ND	Pass	L1
Carbofuran	0.040	0.200	ND	Pass	L1	Naled	0.040	0.500	ND	Pass	L1
Chlorantraniliprole	0.040	0.200	ND	Pass	L1	Oxamyl	0.040	1.000	ND	Pass	L1
Chlorfenapyr	0.440	1.000	ND	Pass		Paclobutrazol	0.040	0.400	ND	Pass	L1
Chlorpyrifos	0.040	0.200	ND	Pass	L1	Permethrins	0.040	0.200	ND	Pass	L1
Clofentezine	0.040	0.200	ND	Pass	L1	Phosmet	0.040	0.200	ND	Pass	L1
Cyfluthrin	0.430	1.000	ND	Pass	L1	Piperonyl Butoxide	0.040	2.000	ND	Pass	L1
Cypermethrin	0.040	1.000	ND	Pass	L1	Prallethrin	0.040	0.200	ND	Pass	L1
Daminozide	0.440	1.000	ND	Pass	L1	Propiconazole	0.040	0.400	ND	Pass	L1
Dichlorvos (DDVP)	0.040	0.100	ND	Pass	L1	Propoxur	0.040	0.200	ND	Pass	L1
Diazinon	0.040	0.200	ND	Pass	L1	Pyrethrins	0.440	1.000	ND	Pass	L1
Dimethoate	0.040	0.200	ND	Pass	L1	Pyridaben	0.040	0.200	ND	Pass	L1
Ethoprophos	0.040	0.200	ND	Pass	L1	Spinosad	0.040	0.200	ND	Pass	L1
Etofenprox	0.040	0.400	ND	Pass	L1 M2	Spiromesifen	0.040	0.200	ND	Pass	L1 M2
Etoazole	0.040	0.200	ND	Pass	L1	Spirotetramat	0.040	0.200	ND	Pass	L1
Fenoxycarb	0.040	0.200	ND	Pass	L1	Spiroxamine	0.040	0.400	ND	Pass	L1
Fenpyroximate	0.040	0.400	ND	Pass	L1	Tebuconazole	0.040	0.400	ND	Pass	L1
Fipronil	0.040	0.400	ND	Pass	L1	Thiacloprid	0.040	0.200	ND	Pass	L1
Flonicamid	0.040	1.000	ND	Pass	L1	Thiamethoxam	0.040	0.200	ND	Pass	L1
Fludioxonil	0.040	0.400	ND	Pass	M1	Trifloxystrobin	0.040	0.200	ND	Pass	L1

## Herbicides

Analyte	LOQ	Limit	Units	Status
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### Qualifiers:

Date Tested: 06/12/2025 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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Matthew Schuberth  
Laboratory Director

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Concentrates &amp; Extracts, Live Resin

**Mycotoxins****Pass**

Total Ochratoxins Date Tested: 06/14/2025

Total Aflatoxins Date Tested: 06/14/2025

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	2.70	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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LMNK250527.LRE

Concentrates & Extracts, Live Resin



## 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: 06/13/2025 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	<0.172	0.172	0.400	Pass	
Cadmium	ND	0.172	0.400	Pass	
Lead	<0.172	0.172	1.000	Pass	
Mercury	<0.172	0.172	0.200	Pass	

LEVEL ONE

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