

Certificate of Analysis

Project Packs

Phoenix, AZ 85009

Lic. #00000084ESFH12297246

Sample: 2601LVL0027.0187

Secondary License: ; Chain of Distribution:

Strain: Lemon Loaf; Batch Size: g; External Batch ID: LMNLI251009

Sample Received: 01/16/2026; Report Completed: 01/23/2026; Report Expiration: 01/23/2027

Sampling Date: 01/16/2026; Sampling Time: 9:00 AM; Sampling Person: Scott Interdonato

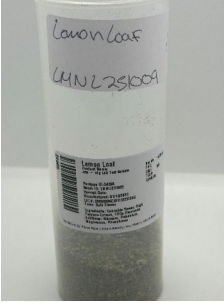
Harvest Date: 12/29/2025; Manufacturing Date: 01/16/2026; External Lot ID:

Date of Pickup: 01/16/2026 Time Collected: 2:00

LMNLI251009

Concentrates & Extracts, Infused/Enhanced Preroll



	40.25%	ND	45.78%
	Total THC	Total CBD	
	12.41 mg/g	Complete	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	NR Moisture (Q3)	

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.25	44.90	449.0	
Δ9-THC	0.25	0.88	8.8	
Δ8-THC	0.25	ND	ND	Q3
THCVa	0.25	<LOQ	<LOQ	Q3
THCV	0.25	ND	ND	Q3
CBDa	0.25	ND	ND	
CBD	0.25	ND	ND	
CBDVa	0.25	ND	ND	Q3
CBDV	0.25	ND	ND	Q3
CBN	0.25	ND	ND	Q3
CBGa	0.25	<LOQ	<LOQ	Q3
CBG	0.25	ND	ND	Q3
CBCa	0.25	<LOQ	<LOQ	Q3
CBC	0.25	ND	ND	Q3
Total		45.78	457.8	Q3

Qualifiers:
Date Tested: 01/19/2026 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-Caryophyllene	0.20	6.27	0.627	Q3	Citronellol	1.02	ND	ND	Q3
δ-Limonene	0.20	2.00	0.200	Q3	Eucalyptol	0.10	ND	ND	Q3
α-Humulene	0.10	1.43	0.143	Q3	Farnesene	0.02	ND	ND	Q3
Linalool	0.20	0.93	0.093	Q3	Fenchone	0.20	ND	ND	Q3
Fenchol	0.10	0.82	0.082	Q3	γ-Terpinene	0.10	ND	ND	Q3
α-Terpineol	0.17	0.43	0.043	Q3	γ-Terpineol	0.02	ND	ND	Q3
α-Bisabolol	0.10	0.35	0.035	Q3	Geraniol	2.04	ND	ND	Q3
α-Pinene	0.10	0.13	0.013	Q3	Geranyl Acetate	0.10	ND	ND	Q3
cis-Ocimene	0.03	0.05	0.005	Q3	Guaiol	0.10	ND	ND	Q3
3-Carene	0.20	ND	ND	Q3	Isoborneol	1.02	ND	ND	Q3
α-Cedrene	0.10	ND	ND	Q3	Isopulegol	0.10	ND	ND	Q3
α-Phellandrene	0.10	ND	ND	Q3	Menthol	0.10	ND	ND	Q3
α-Terpinene	0.10	ND	ND	Q3	Nerol	0.10	ND	ND	Q3
β-Eudesmol	0.10	ND	ND	Q3	Pulegone	0.10	ND	ND	Q3
β-Myrcene	0.10	ND	ND	Q3	p-Cymene	0.10	ND	ND	Q3
β-Pinene	0.20	ND	ND	Q3	Sabinene	0.10	ND	ND	Q3
Borneol	0.31	ND	ND	Q3	Sabinene Hydrate	0.10	ND	ND	Q3
Camphene	0.10	ND	ND	Q3	Terpinolene	0.20	ND	ND	Q3
Camphor	0.41	ND	ND	Q3	trans-Nerolidol	0.10	ND	ND	Q3
Caryophyllene	0.10	<LOQ	<LOQ	Q3	trans-Ocimene	0.07	ND	ND	Q3
Oxide	0.10	ND	ND	Q3	Valencene	0.10	ND	ND	Q3
Cedrol	0.10	ND	ND	Q3					
cis-Nerolidol	0.20	ND	ND	Q3					

Primary Aromas



Cinnamon



Lemon



Hops



Lavender



Basil

12.41 mg/g

Total Terpenes

Qualifiers:
Date Tested: 01/19/2026 12:00 am

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Residual Solvents

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
	PPM	PPM	PPM		
Acetone	351.360	1000.000	ND	Pass	
Acetonitrile	142.830	410.000	ND	Pass	
Benzene	0.700	2.000	ND	Pass	
Butanes	2337.740	5000.000	ND	Pass	
Chloroform	21.040	60.000	ND	Pass	
Dichloromethane	213.800	600.000	ND	Pass	
Ethanol	1743.290	5000.000	ND	Pass	
Ethyl-Acetate	1744.940	5000.000	ND	Pass	
Ethyl-Ether	1738.130	5000.000	ND	Pass	
Heptane	1740.660	5000.000	ND	Pass	
Hexanes	100.340	290.000	ND	Pass	
Isopropanol	1735.120	5000.000	ND	Pass	
Isopropyl-Acetate	1738.330	5000.000	ND	Pass	
Methanol	1040.270	3000.000	ND	Pass	
Pentanes	1749.610	5000.000	ND	Pass	
Toluene	313.070	890.000	ND	Pass	
Xylenes	750.120	2170.000	ND	Pass	

LEVEL ONE

Qualifiers:

Date Tested: 01/19/2026 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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Scottsdale, AZ

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Matthew Schuberth
Laboratory Director

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LMNLI251009

Concentrates & Extracts, Infused/Enhanced Preroll



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	Hexythiazox	0.040	1.000	ND	Pass	
Acephate	0.040	0.400	ND	Pass	V1	Imazalil	0.040	0.200	ND	Pass	V1L1
Acetamiprid	0.040	0.200	ND	Pass	V1L1	Imidacloprid	0.040	0.400	ND	Pass	
Aldicarb	0.040	0.400	ND	Pass	V1	Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	0.200	ND	Pass	V1	Malathion	0.040	0.200	ND	Pass	V1L1
Bifenazate	0.040	0.200	ND	Pass		Metalaxyl	0.040	0.200	ND	Pass	V1L1
Bifenthrin	0.040	0.200	ND	Pass		Methiocarb	0.040	0.200	ND	Pass	V1L1
Boscalid	0.040	0.400	ND	Pass		Methomyl	0.040	0.400	ND	Pass	
Carbaryl	0.040	0.200	ND	Pass	V1L1	Myclobutanil	0.050	0.200	ND	Pass	V1L1
Carbofuran	0.040	0.200	ND	Pass	V1L1	Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass	V1L1	Oxamyl	0.040	1.000	ND	Pass	V1
Chlorfenapyr	0.450	1.000	ND	Pass		Paclobutrazol	0.040	0.400	ND	Pass	V1L1
Chlorpyrifos	0.040	0.200	ND	Pass		Permethrins	0.040	0.200	ND	Pass	V1
Clofentezine	0.040	0.200	ND	Pass		Phosmet	0.040	0.200	ND	Pass	V1L1
Cyfluthrin	0.440	1.000	ND	Pass	V1	Piperonyl Butoxide	0.040	2.000	ND	Pass	V1L1
Cypermethrin	0.040	1.000	ND	Pass		Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.440	1.000	ND	Pass	V1	Propiconazole	0.040	0.400	ND	Pass	
Dichlorvos (DDVP)	0.040	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	V1L1
Diazinon	0.040	0.200	ND	Pass		Pyrethrins	0.450	1.000	ND	Pass	
Dimethoate	0.040	0.200	ND	Pass	V1L1	Pyridaben	0.040	0.200	ND	Pass	V1L1
Ethoprophos	0.040	0.200	ND	Pass	V1L1	Spinosad	0.040	0.200	ND	Pass	V1
Etofenprox	0.040	0.400	ND	Pass		Spiromesifen	0.040	0.200	ND	Pass	
Etoxazole	0.040	0.200	ND	Pass	V1L1	Spirotetramat	0.040	0.200	ND	Pass	V1L1
Fenoxycarb	0.040	0.200	ND	Pass	V1	Spiroxamine	0.040	0.400	ND	Pass	V1L1
Fenpyroximate	0.040	0.400	ND	Pass		Tebuconazole	0.040	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass	V1L1	Thiacloprid	0.040	0.200	ND	Pass	
Flonicamid	0.040	1.000	ND	Pass	V1	Thiamethoxam	0.040	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass	V1L1	Trifloxystrobin	0.040	0.200	ND	Pass	V1L1

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 01/19/2026 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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Mycotoxins

Pass

Total Ochratoxins Date Tested: 01/19/2026

Total Aflatoxins Date Tested: 01/19/2026

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	2.67	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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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: 01/19/2026 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	<0.100	0.100	0.400	Pass	
Cadmium	<0.100	0.100	0.400	Pass	
Lead	<0.100	0.100	1.000	Pass	
Mercury	ND	0.100	0.200	Pass	

LEVEL ONE

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Concentrates & Extracts, Infused/Enhanced Preroll



Notes from Manufacturer

Flower Input: Batch ID: LMNLI251009-Strain: Lemon Loaf - Harvest Date: 12/29/2025 - Extraction Information:

Arizona Golden Leaf Wellness (DBA: IO Extracts) Method: Pure Butane- License Number: 00000067ESBS89254298



LEVEL ONE
LABS



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