

Certificate of Analysis

Project Packs

Phoenix, AZ 85009

Lic. #00000084ESFH12297246

Sample: 2512LVL1022.5622

Secondary License: ; Chain of Distribution:

Strain: Lights Out; Batch Size: g; External Batch ID: LOUT250919

Sample Received: 12/15/2025; Report Completed: 12/18/2025; Report Expiration: 12/18/2026

Sampling Date: 12/15/2025; Sampling Time: 0700; Sampling Person: Salina Rippert


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

Date of Pickup: 12/15/2025 Time Collected: 11:20

LOUT250919

Plant, Flower - Cured



	24.35%	ND	29.01%
	Total THC	Total CBD	
	35.16 mg/g	Complete	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	9.6% Moisture (Q3)	

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.17	27.06	270.6	
Δ9-THC	0.17	0.62	6.2	
Δ8-THC	0.17	ND	ND	Q3
THCVa	0.17	0.21	2.1	Q3
THCV	0.17	ND	ND	Q3
CBDa	0.17	ND	ND	
CBD	0.17	ND	ND	
CBDVa	0.17	ND	ND	Q3
CBDV	0.17	ND	ND	Q3
CBN	0.17	ND	ND	Q3
CBGa	0.17	0.83	8.3	Q3
CBG	0.17	<LOQ	<LOQ	Q3
CBCa	0.17	0.29	2.9	Q3
CBC	0.17	ND	ND	Q3
Total		29.01	290.1	Q3

Qualifiers:
Date Tested: 12/18/2025 07:00 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	12.86	1.286	Q3	Citronellol	1.01	ND	ND	Q3
δ-Limonene	0.20	11.05	1.105	Q3	Eucalyptol	0.10	ND	ND	Q3
Linalool	0.20	3.23	0.323	Q3	Farnesene	0.02	ND	ND	Q3
α-Humulene	0.10	2.90	0.290	Q3	Fenchone	0.20	ND	ND	Q3
Fenchol	0.10	1.58	0.158	Q3	γ-Terpinene	0.10	ND	ND	Q3
α-Terpineol	0.17	1.03	0.103	Q3	γ-Terpineol	0.02	ND	ND	Q3
cis-Ocimene	0.03	0.84	0.084	Q3	Geraniol	2.02	ND	ND	Q3
α-Pinene	0.10	0.69	0.069	Q3	Geranyl Acetate	0.10	ND	ND	Q3
β-Pinene	0.20	0.64	0.064	Q3	Guaiol	0.10	ND	ND	Q3
α-Bisabolol	0.10	0.19	0.019	Q3	Isoborneol	1.01	ND	ND	Q3
Camphene	0.10	0.15	0.015	Q3	Isopulegol	0.10	ND	ND	Q3
3-Carene	0.20	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	<LOQ	<LOQ	Q3	Sabinene	0.10	ND	ND	Q3
β-Myrcene	0.10	ND	ND	Q3	Sabinene Hydrate	0.10	ND	ND	Q3
Borneol	0.30	ND	ND	Q3	Terpinolene	0.20	ND	ND	Q3
Camphor	0.40	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



Lavender



Hops



Basil

35.16 mg/g

Total Terpenes

Qualifiers:

Date Tested: 12/15/2025 12:00 am

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LOUT250919

Plant, Flower - Cured



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	
Acephate	0.040	0.400	ND	Pass		Imazalil	0.040	0.200	ND	Pass	L1
Acetamiprid	0.040	0.200	ND	Pass	V1 L1	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	V1 L1
Bifenazate	0.040	0.200	ND	Pass		Metalaxyl	0.040	0.200	ND	Pass	L1
Bifenthrin	0.040	0.200	ND	Pass	L1	Methiocarb	0.040	0.200	ND	Pass	V1 L1
Boscalid	0.040	0.400	ND	Pass	V1 L1	Methomyl	0.050	0.400	ND	Pass	
Carbaryl	0.040	0.200	ND	Pass	L1	Myclobutanil	0.050	0.200	ND	Pass	V1
Carbofuran	0.040	0.200	ND	Pass		Naled	0.040	0.500	ND	Pass	
Chlorantraniliprole	0.040	0.200	ND	Pass	V1	Oxamyl	0.040	1.000	ND	Pass	V1
Chlorfenapyr	0.450	1.000	ND	Pass	V1 L1 R1	Paclobutrazol	0.040	0.400	ND	Pass	V1
Chlorpyrifos	0.050	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	V1
Cyfluthrin	0.440	1.000	ND	Pass		Piperonyl Butoxide	0.040	2.000	ND	Pass	
Cypermethrin	0.040	1.000	ND	Pass		Prallethrin	0.040	0.200	ND	Pass	
Daminozide	0.440	1.000	ND	Pass		Propiconazole	0.040	0.400	ND	Pass	
Dichlorvos (DDVP)	0.040	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	
Diazinon	0.050	0.200	ND	Pass		Pyrethrins	0.450	1.000	ND	Pass	
Dimethoate	0.040	0.200	ND	Pass	V1	Pyridaben	0.040	0.200	ND	Pass	
Ethoprophos	0.040	0.200	ND	Pass	V1 L1	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		Spirotetramat	0.040	0.200	ND	Pass	V1 L1
Fenoxycarb	0.050	0.200	ND	Pass	V1 L1	Spiroxamine	0.040	0.400	ND	Pass	V1
Fenpyroximate	0.040	0.400	ND	Pass		Tebuconazole	0.040	0.400	ND	Pass	
Fipronil	0.040	0.400	ND	Pass		Thiacloprid	0.040	0.200	ND	Pass	V1
Flonicamid	0.040	1.000	ND	Pass		Thiamethoxam	0.040	0.200	ND	Pass	
Fludioxonil	0.040	0.400	ND	Pass	V1	Trifloxystrobin	0.040	0.200	ND	Pass	

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 12/16/2025 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.



1525 N Granite Reef Rd

Scottsdale, AZ

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Matthew Schuberth
Laboratory Director

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LOUT250919

Plant, Flower - Cured



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: 12/16/2025 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	<0.099	0.099	0.400	Pass	V1 L1
Cadmium	<0.099	0.099	0.400	Pass	
Lead	ND	0.099	1.000	Pass	
Mercury	<0.099	0.099	0.200	Pass	

LEVEL ONE

Qualifiers:
Date Tested: 12/17/2025 12:00 am

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