

Certificate of Analysis

Powered by Confident LIMS

1 of 5

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%

Total THC

ND

Total CBD

35.16 mg/g

 Total Terpenes
(Q3)

29.01%
Complete

9.6%

Moisture (Q3)

 Total
Cannabinoids
(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 + 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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LOUT250919

Plant, Flower - Cured


Terpenes

Analyte	LOQ	Result	ResultQualifier	Analyte	LOQ	Result	ResultQualifier
	mg/g	mg/g	%		mg/g	mg/g	%
β-Caryophyllene	0.20	12.86	1.286	Q3	Citronellol	1.01	ND
δ-Limonene	0.20	11.05	1.105	Q3	Eucalyptol	0.10	ND
Linalool	0.20	3.23	0.323	Q3	Farnesene	0.02	ND
α-Humulene	0.10	2.90	0.290	Q3	Fenchone	0.20	ND
Fenchol	0.10	1.58	0.158	Q3	γ-Terpinene	0.10	ND
α-Terpineol	0.17	1.03	0.103	Q3	γ-Terpineol	0.02	ND
cis-Ocimene	0.03	0.84	0.084	Q3	Geraniol	2.02	ND
α-Pinene	0.10	0.69	0.069	Q3	Geranyl Acetate	0.10	ND
β-Pinene	0.20	0.64	0.064	Q3	Guaiol	0.10	ND
α-Bisabolol	0.10	0.19	0.019	Q3	Isoborneol	1.01	ND
Camphene	0.10	0.15	0.015	Q3	Isopulegol	0.10	ND
3-Carene	0.20	ND	ND	Q3	Menthol	0.10	ND
α-Cedrene	0.10	ND	ND	Q3	Nerol	0.10	ND
α-Phellandrene	0.10	ND	ND	Q3	Pulegone	0.10	ND
α-Terpinene	0.10	ND	ND	Q3	p-Cymene	0.10	ND
β-Eudesmol	0.10	<LOQ	<LOQ	Q3	Sabinene	0.10	ND
β-Myrcene	0.10	ND	ND	Q3	Sabinene Hydrate	0.10	ND
Borneol	0.30	ND	ND	Q3	Terpinolene	0.20	ND
Camphor	0.40	ND	ND	Q3	trans-Nerolidol	0.10	ND
Caryophyllene	0.10	<LOQ	<LOQ	Q3	trans-Ocimene	0.07	ND
Oxide					Valencene	0.10	ND
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

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.

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LOUT250919

Plant, Flower - Cured


Pesticides

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
Abamectin	0.030	0.500	PPM	ND	Pass	V1 L1	Hexythiazox	0.040	1.000	ND	Pass
Acephate	0.040	0.400	PPM	ND	Pass		Imazalil	0.040	0.200	ND	Pass
Acetamiprid	0.040	0.200	PPM	ND	Pass	V1 L1	Imidacloprid	0.040	0.400	ND	Pass
Aldicarb	0.040	0.400	PPM	ND	Pass	V1	Kresoxim Methyl	0.040	0.400	ND	Pass
Azoxystrobin	0.050	0.200	PPM	ND	Pass	V1	Malathion	0.040	0.200	ND	Pass
Bifenazate	0.040	0.200	PPM	ND	Pass		Metalaxylyl	0.040	0.200	ND	Pass
Bifenthrin	0.040	0.200	PPM	ND	Pass	L1	Methiocarb	0.040	0.200	ND	Pass
Boscalid	0.040	0.400	PPM	ND	Pass	V1 L1	Methomyl	0.050	0.400	ND	Pass
Carbaryl	0.040	0.200	PPM	ND	Pass	L1	Myclobutanil	0.050	0.200	ND	Pass
Carbofuran	0.040	0.200	PPM	ND	Pass		Naled	0.040	0.500	ND	Pass
Chlorantraniliprole	0.040	0.200	PPM	ND	Pass	V1	Oxamyl	0.040	1.000	ND	Pass
Chlorfenapyr	0.450	1.000	PPM	ND	Pass	V1 L1 R1	Pacllobutrazol	0.040	0.400	ND	Pass
Chlorpyrifos	0.050	0.200	PPM	ND	Pass		Permethrins	0.040	0.200	ND	Pass
Clofentezine	0.040	0.200	PPM	ND	Pass		Phosmet	0.040	0.200	ND	Pass
Cyfluthrin	0.440	1.000	PPM	ND	Pass		Piperonyl Butoxide	0.040	2.000	ND	Pass
Cypermethrin	0.040	1.000	PPM	ND	Pass		Prallethrin	0.040	0.200	ND	Pass
Daminozide	0.440	1.000	PPM	ND	Pass		Propiconazole	0.040	0.400	ND	Pass
Dichlorvos (DDVP)	0.040	0.100	PPM	ND	Pass		Propoxur	0.050	0.200	ND	Pass
Diazinon	0.050	0.200	PPM	ND	Pass		Pyrethrins	0.450	1.000	ND	Pass
Dimethoate	0.040	0.200	PPM	ND	Pass	V1	Pyridaben	0.040	0.200	ND	Pass
Ethoprophos	0.040	0.200	PPM	ND	Pass	V1 L1	Spinosad	0.040	0.200	ND	Pass
Etofenprox	0.040	0.400	PPM	ND	Pass		Spiromesifen	0.040	0.200	ND	Pass
Etoxazole	0.040	0.200	PPM	ND	Pass		Spirotetramat	0.040	0.200	ND	Pass
Fenoxy carb	0.050	0.200	PPM	ND	Pass	V1 L1	Spiroxamine	0.040	0.400	ND	Pass
Fenpyroximate	0.040	0.400	PPM	ND	Pass		Tebuconazole	0.040	0.400	ND	Pass
Fipronil	0.040	0.400	PPM	ND	Pass		Thiaclorpid	0.040	0.200	ND	Pass
Flonicamid	0.040	1.000	PPM	ND	Pass		Thiamethoxam	0.040	0.200	ND	Pass
Fludioxonil	0.040	0.400	PPM	ND	Pass	V1	Trifloxystrobin	0.040	0.200	ND	Pass

Herbicides

Analyte	LOQ	Limit	Units	Status

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
 (480) 867-1520
<http://www.levelonelabs.com>
 Lic# 00000004LCIG00024823


 Matthew Schuberth
 Laboratory Director

 Confident LIMS
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coa.support@confidentlims.com
 (866) 506-5866
www.confidentlims.com


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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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LOUT250919

Plant, Flower - Cured


Heavy Metals

Pass

Analyte	Result	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	<0.099	0.099	0.400	Pass	
Cadmium	<0.099	0.099	0.400	Pass	V1 L1
Lead	ND	0.099	1.000	Pass	
Mercury	<0.099	0.099	0.200	Pass	

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

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