

Certificate of Analysis

Project Packs

Phoenix, AZ 85009

Lic. #00000084ESFH12297246

Sample: 2504LVL0364.1883

Secondary License: ; Chain of Distribution:

Strain: Gastopia; Batch Size: g; External Batch ID: GAST250122

Sample Received: 04/25/2025; Report Created: 04/30/2025; Report Expiration: 04/30/2026

Sampling Date: 04/25/2025; Sampling Time: 8AM; Sampling Person: Salina Rippert


Harvest Date: 04/14/2025; Manufacturing Date: ; External Lot ID:

Date of Pickup: 04/25/2025 Time Collected: 9:20am

GAST250122

Plant, Flower - Cured



	21.97%	ND	25.86%
	Total THC	Total CBD	
	16.27 mg/g	Complete	Total Cannabinoids (Q3)
	Total Terpenes (Q3)	7.5% Moisture (Q3)	

Cannabinoids

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.16	24.53	245.3	M1
Δ9-THC	0.16	0.45	4.5	
Δ8-THC	0.16	ND	ND	Q3
THCVa	0.16	<LOQ	<LOQ	Q3
THCV	0.16	ND	ND	Q3
CBDa	0.16	ND	ND	
CBD	0.16	ND	ND	M1
CBDVa	0.16	ND	ND	Q3
CBDV	0.16	ND	ND	Q3
CBN	0.16	ND	ND	Q3
CBGa	0.16	0.45	4.5	Q3
CBG	0.16	<LOQ	<LOQ	Q3
CBCa	0.16	0.42	4.2	Q3
CBC	0.16	ND	ND	Q3
Total		25.86	258.6	Q3

Qualifiers:
Date Tested: 04/25/2025 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-Caryophyllene	0.20	7.31	0.731	Q3	Citronellol	0.98	ND	ND	Q3
δ-Limonene	0.20	2.87	0.287	Q3	Eucalyptol	0.10	ND	ND	Q3
α-Humulene	0.10	1.68	0.168	Q3	Farnesene	0.02	ND	ND	Q3
Linalool	0.20	1.04	0.104	Q3	Fenchone	0.20	<LOQ	<LOQ	Q3
β-Myrcene	0.10	1.02	0.102	Q3	γ-Terpinene	0.10	ND	ND	Q3
α-Bisabolol	0.10	0.70	0.070	Q3	γ-Terpineol	0.02	ND	ND	Q3
Fenchol	0.10	0.42	0.042	Q3	Geraniol	1.95	ND	ND	Q3
α-Terpineol	0.16	0.37	0.037	Q3	Geranyl Acetate	0.10	ND	ND	Q3
α-Pinene	0.10	0.24	0.024	Q3	Guaiol	0.10	ND	ND	Q3
β-Pinene	0.20	0.24	0.024	Q3	Isoborneol	0.98	ND	ND	Q3
Caryophyllene	0.10	0.19	0.019	Q3	Isopulegol	0.10	ND	ND	Q3
Oxide					Menthol	0.10	ND	ND	Q3
β-Eudesmol	0.10	0.11	0.011	Q3	Nerol	0.10	ND	ND	Q3
cis-Ocimene	0.03	0.08	0.008	Q3	Pulegone	0.10	ND	ND	Q3
3-Carene	0.20	ND	ND	Q3	p-Cymene	0.10	ND	ND	Q3
α-Cedrene	0.10	ND	ND	Q3	Sabinene	0.10	ND	ND	Q3
α-Phellandrene	0.10	ND	ND	Q3	Sabinene Hydrate	0.10	ND	ND	Q3
α-Terpinene	0.10	ND	ND	Q3	Terpinolene	0.20	<LOQ	<LOQ	Q3
Borneol	0.29	<LOQ	<LOQ	Q3	trans-Nerolidol	0.10	ND	ND	Q3
Camphene	0.10	<LOQ	<LOQ	Q3	trans-Ocimene	0.06	ND	ND	Q3
Camphor	0.39	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



Chamomile

16.27 mg/g

Total Terpenes

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Plant, Flower - Cured



Pesticides

Pass

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.040	0.500	ND	Pass	L1	Hexythiazox	0.050	1.000	ND	Pass	L1
Acephate	0.040	0.400	ND	Pass	L1	Imazalil	0.050	0.200	ND	Pass	M1
Acetamiprid	0.050	0.200	ND	Pass	L1	Imidacloprid	0.050	0.400	ND	Pass	L1
Aldicarb	0.050	0.400	ND	Pass	L1	Kresoxim Methyl	0.040	0.400	ND	Pass	
Azoxystrobin	0.050	0.200	ND	Pass		Malathion	0.050	0.200	ND	Pass	L1
Bifenazate	0.050	0.200	ND	Pass		Metalaxyl	0.050	0.200	ND	Pass	M1
Bifenthrin	0.050	0.200	ND	Pass	L1	Methiocarb	0.040	0.200	ND	Pass	L1
Boscalid	0.040	0.400	ND	Pass	L1	Methomyl	0.050	0.400	ND	Pass	
Carbaryl	0.050	0.200	ND	Pass		Myclobutanil	0.050	0.200	ND	Pass	L1
Carbofuran	0.050	0.200	ND	Pass		Naled	0.050	0.500	ND	Pass	M1
Chlorantraniliprole	0.050	0.200	ND	Pass	M1	Oxamyl	0.050	1.000	ND	Pass	L1
Chlorfenapyr	0.470	1.000	ND	Pass	L1	Paclobutrazol	0.050	0.400	ND	Pass	
Chlorpyrifos	0.050	0.200	ND	Pass	L1	Permethrins	0.050	0.200	ND	Pass	L1
Clofentezine	0.050	0.200	ND	Pass	L1	Phosmet	0.050	0.200	ND	Pass	L1
Cyfluthrin	0.460	1.000	ND	Pass	L1	Piperonyl Butoxide	0.040	2.000	ND	Pass	
Cypermethrin	0.050	1.000	ND	Pass	L1	Prallethrin	0.050	0.200	ND	Pass	L1
Daminozide	0.460	1.000	ND	Pass	V1 L1	Propiconazole	0.050	0.400	ND	Pass	L1
Dichlorvos (DDVP)	0.050	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	L1
Diazinon	0.050	0.200	ND	Pass	L1	Pyrethrins	0.470	1.000	ND	Pass	L1
Dimethoate	0.050	0.200	ND	Pass	L1	Pyridaben	0.050	0.200	ND	Pass	M1
Ethoprophos	0.050	0.200	ND	Pass		Spinosad	0.050	0.200	ND	Pass	L1
Etofenprox	0.050	0.400	ND	Pass		Spiromesifen	0.050	0.200	ND	Pass	M2
Etoxazole	0.050	0.200	ND	Pass		Spirotetramat	0.050	0.200	ND	Pass	L1
Fenoxycarb	0.050	0.200	ND	Pass		Spiroxamine	0.050	0.400	ND	Pass	
Fenpyroximate	0.050	0.400	ND	Pass	M1	Tebuconazole	0.050	0.400	ND	Pass	M1
Fipronil	0.050	0.400	ND	Pass		Thiacloprid	0.050	0.200	ND	Pass	L1
Flonicamid	0.050	1.000	ND	Pass	L1	Thiamethoxam	0.050	0.200	ND	Pass	L1
Fludioxonil	0.050	0.400	ND	Pass		Trifloxystrobin	0.050	0.200	ND	Pass	L1

Herbicides

Analyte	LOQ	Limit	Units	Status
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Qualifiers:

Date Tested: 04/25/2025 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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GAST250122

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: 04/28/2025 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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Plant, Flower - Cured



Heavy Metals

Pass

Analyte	Result	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	<0.162	0.162	0.400	Pass	
Cadmium	ND	0.162	0.400	Pass	
Lead	ND	0.162	1.000	Pass	
Mercury	<0.162	0.162	0.200	Pass	

LEVEL ONE

Qualifiers:
Date Tested: 04/28/2025 07:00 am

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