

# Certificate of Analysis

Powered by Confident LIMS

1 of 8

**Project Packs**

Phoenix, AZ 85009

Lic. #00000084ESFH12297246

**Sample: 2512LVL1020.5601**

Secondary License: ; Chain of Distribution:

Strain: Gastopia; Batch Size: g; External Batch ID: GASTI250919

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

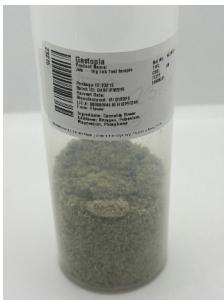
Sampling Date: 12/12/2025; Sampling Time: 11:38; Sampling Person: Korey Finley

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

Date of Pickup: 12/12/2025 Time Collected: 12:55

**GASTI250919**

Concentrates &amp; Extracts, Infused/Enhanced Preroll


**45.81%**

Total THC

**ND**

Total CBD

**24.16 mg/g**

 Total Terpenes  
(Q3)

**52.76%**

 Total  
Cannabinoids  
(Q3)

**Cannabinoids**

Complete

Analyte	LOQ	Result	Result	Qualifier
	%	%	mg/g	
THCa	0.41	51.23	512.3	
Δ9-THC	0.41	0.88	8.8	
Δ8-THC	0.41	ND	ND	Q3
THCVA	0.41	<LOQ	<LOQ	Q3
THCV	0.41	ND	ND	Q3
CBDa	0.41	ND	ND	
CBD	0.41	ND	ND	
CBDVA	0.41	ND	ND	Q3
CBDV	0.41	ND	ND	Q3
CBN	0.41	ND	ND	Q3
CBGA	0.41	0.65	6.5	Q3
CBG	0.41	ND	ND	Q3
CBCA	0.41	<LOQ	<LOQ	Q3
CBC	0.41	ND	ND	Q3
<b>Total</b>		<b>52.76</b>	<b>527.6</b>	<b>Q3</b>

## Qualifiers:

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

1525 N Granite Reef Rd

Scottsdale, AZ

(480) 867-1520

<http://www.levelonelabs.com>

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 Matthew Schuberth  
 Laboratory Director

 Confident LIMS  
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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	0.19	10.27	1.027	Q3	Citronellol	0.96	ND
β-Myrcene	0.10	4.76	0.476	Q3	Eucalyptol	0.10	ND
δ-Limonene	0.19	4.12	0.412	Q3	Farnesene	0.02	ND
α-Humulene	0.10	2.25	0.225	Q3	Fenchone	0.19	ND
Fenchol	0.10	0.78	0.078	Q3	γ-Terpinene	0.10	ND
Linalool	0.19	0.72	0.072	Q3	γ-Terpineol	0.02	ND
α-Pinene	0.10	0.38	0.038	Q3	Geraniol	1.92	ND
α-Terpineol	0.16	0.38	0.038	Q3	Geranyl Acetate	0.10	ND
α-Bisabolol	0.10	0.29	0.029	Q3	Guaiol	0.10	ND
cis-Ocimene	0.03	0.21	0.021	Q3	Isoborneol	0.96	ND
3-Carene	0.19	ND	ND	Q3	Isopulegol	0.10	ND
α-Cedrene	0.10	ND	ND	Q3	Menthol	0.10	ND
α-Phellandrene	0.10	ND	ND	Q3	Nerol	0.10	ND
α-Terpinene	0.10	ND	ND	Q3	Pulegone	0.10	ND
β-Eudesmol	0.10	ND	ND	Q3	p-Cymene	0.10	ND
β-Pinene	0.19	ND	ND	Q3	Sabinene	0.10	ND
Borneol	0.29	ND	ND	Q3	Sabinene Hydrate	0.10	ND
Camphene	0.10	<LOQ	<LOQ	Q3	Terpinolene	0.19	ND
Camphor	0.38	ND	ND	Q3	trans-Nerolidol	0.10	ND
Caryophyllene Oxide	0.10	<LOQ	<LOQ	Q3	trans-Ocimene	0.06	ND
Cedrol	0.10	ND	ND	Q3	Valencene	0.10	ND
cis-Nerolidol	0.19	ND	ND	Q3			

**Primary Aromas**


Cinnamon



Hops



Lemon



Basil



Lavender

24.16 mg/g

Total Terpenes

**Qualifiers:**

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

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**GASTI250919**

Concentrates &amp; Extracts, Infused/Enhanced Preroll


**Residual Solvents**

Pass

Analyte	LOQ	Limit	Result	Status	Qualifier
Acetone	361.200	1000.000	ND	Pass	V1 L1 R1
Acetonitrile	146.830	410.000	ND	Pass	V1 L1 R1
Benzene	0.720	2.000	ND	Pass	V1 L1 R1
Butanes	2403.200	5000.000	ND	Pass	
Chloroform	21.630	60.000	ND	Pass	V1 L1 R1
Dichloromethane	219.790	600.000	ND	Pass	V1 L1 R1
Ethanol	1792.100	5000.000	ND	Pass	R1
Ethyl-Acetate	1793.800	5000.000	ND	Pass	V1 L1 R1
Ethyl-Ether	1786.800	5000.000	ND	Pass	V1 L1 R1
Heptane	1789.400	5000.000	ND	Pass	R1
Hexanes	103.150	290.000	ND	Pass	V1 L1 R1
Isopropanol	1783.700	5000.000	ND	Pass	V1 L1 R1
Isopropyl-Acetate	1787.000	5000.000	ND	Pass	V1 L1 R1
Methanol	1069.400	3000.000	ND	Pass	V1 L1 R1
Pentanes	1798.600	5000.000	ND	Pass	V1 L1 R1
Toluene	321.840	890.000	ND	Pass	V1 L1 R1
Xylenes	771.120	2170.000	ND	Pass	V1 L1 R1

Qualifiers:

Date Tested: 12/15/2025 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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**GASTI250919**

Concentrates &amp; Extracts, Infused/Enhanced Preroll


**Pesticides**

Analyte	LOQ	Limit	Units	Status	Qualifier	Analyte	LOQ	Limit	Units	Status	Qualifier
Abamectin	0.040	0.500	PPM	Pass	V1	Hexythiazox	0.050	1.000	ND	Pass	V1
Acephate	0.040	0.400	ND	Pass	V1	Imazalil	0.050	0.200	ND	Pass	V1L1
Acetamiprid	0.050	0.200	ND	Pass	V1L1	Imidacloprid	0.050	0.400	ND	Pass	
Aldicarb	0.050	0.400	ND	Pass	V1L1	Kresoxim Methyl	0.040	0.400	ND	Pass	V1
Azoxystrobin	0.050	0.200	ND	Pass		Malathion	0.050	0.200	ND	Pass	V1
Bifenazate	0.050	0.200	ND	Pass	V1	Metalaxyl	0.050	0.200	ND	Pass	V1L1
Bifenthrin	0.050	0.200	ND	Pass		Methiocarb	0.040	0.200	ND	Pass	V1
Boscalid	0.040	0.400	ND	Pass	V1L1	Methomyl	0.050	0.400	ND	Pass	V1
Carbaryl	0.050	0.200	ND	Pass	V1	Myclobutanil	0.050	0.200	ND	Pass	V1
Carbofuran	0.050	0.200	ND	Pass	V1	Naled	0.050	0.500	ND	Pass	V1
Chlorantraniliprole	0.050	0.200	ND	Pass	V1L1	Oxamyl	0.050	1.000	ND	Pass	V1L1
Chlorfenapyr	0.460	1.000	ND	Pass	V1L1R1	Paclbutrazol	0.050	0.400	ND	Pass	V1
Chlorpyrifos	0.050	0.200	ND	Pass	V1	Permethrins	0.050	0.200	ND	Pass	
Clofentezine	0.050	0.200	ND	Pass	V1	Phosmet	0.050	0.200	ND	Pass	V1
Cyfluthrin	0.460	1.000	ND	Pass	R1	Piperonyl Butoxide	0.040	2.000	ND	Pass	V1
Cypermethrin	0.050	1.000	ND	Pass		Prallethrin	0.050	0.200	ND	Pass	V1L1
Daminozide	0.460	1.000	ND	Pass	V1	Propiconazole	0.050	0.400	ND	Pass	V1
Dichlorvos (DDVP)	0.050	0.100	ND	Pass		Propoxur	0.050	0.200	ND	Pass	V1
Diazinon	0.050	0.200	ND	Pass	V1	Pyrethrins	0.470	1.000	ND	Pass	V1L1
Dimethoate	0.050	0.200	ND	Pass	V1	Pyridaben	0.050	0.200	ND	Pass	V1
Ethoprophos	0.050	0.200	ND	Pass	V1	Spinosad	0.050	0.200	ND	Pass	V1L1
Etofenprox	0.050	0.400	ND	Pass	V1	Spiromesifen	0.050	0.200	ND	Pass	V1
Etoxazole	0.050	0.200	ND	Pass	V1	Spirotetramat	0.050	0.200	ND	Pass	V1
Fenoxycarb	0.050	0.200	ND	Pass	V1	Spiroxamine	0.050	0.400	ND	Pass	V1
Fenpyroximate	0.050	0.400	ND	Pass	V1	Tebuconazole	0.050	0.400	ND	Pass	V1L1
Fipronil	0.050	0.400	ND	Pass	V1	Thiaclorpid	0.050	0.200	ND	Pass	V1
Flonicamid	0.050	1.000	ND	Pass		Thiamethoxam	0.050	0.200	ND	Pass	V1L1
Fludioxonil	0.050	0.400	ND	Pass	V1	Trifloxystrobin	0.050	0.200	ND	Pass	V1L1

**Herbicides**

Analyte	LOQ	Limit	Units	Status

## Qualifiers:

Date Tested: 12/13/2025 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  
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 Matthew Schuberth  
 Laboratory Director

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 (866) 506-5866  
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**GASTI250919**

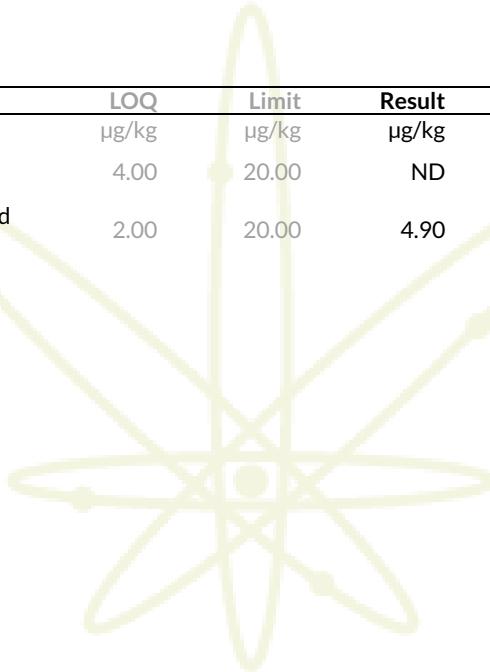
Concentrates &amp; Extracts, Infused/Enhanced Preroll


**Mycotoxins**
**Pass**

Total Ochratoxins Date Tested: 12/12/2025

Total Aflatoxins Date Tested: 12/12/2025

Analyte	LOQ	Limit	Result	Status	Qualifier
Total Aflatoxins (B1 B2 G1 and G2)	4.00	20.00	ND	Pass	
Total Ochratoxins (A and B)	2.00	20.00	4.90	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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**GASTI250919**

Concentrates &amp; Extracts, Infused/Enhanced Preroll


**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: 12/13/2025 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 &amp; 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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**GASTI250919**

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**Heavy Metals**

Pass

Analyte	Result	LOQ	Limit	Status	Qualifier
	PPM	PPM	PPM		
Arsenic	<0.101	0.101	0.400	Pass	
Cadmium	<0.101	0.101	0.400	Pass	
Lead	ND	0.101	1.000	Pass	
Mercury	<0.101	0.101	0.200	Pass	

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**GASTI250919**

Concentrates & Extracts, Infused/Enhanced Preroll



## Notes from Manufacturer

Flower Input: Batch ID: GAST250919 -Strain: Gastopia - Harvest Date: 12/1/2025 - Extraction Information: Arizona Golden Leaf Wellness (DBA: IO Extracts) Method: Pure Butane- License Number: 00000067ESBS89254298



LEVEL ONE  
LABS