

Hello Live Resin 1225 W. Deer Valley Rd Phoenix, AZ 85027

License #: 0000156ESTDP70697204 Sample ID: 2504SMAZ0481.1438

Batch #: HLR2025LLT



## **CERTIFICATE OF ANALYSIS**

License #: 00000020LCVT89602592

# **Lightning Lemon Twist**

Batch #: HLR2025LLT

**Strain:** Lemon Meringue x Gas Crack

Parent Batch #:

**Production Method:** Other Hydrocarbon

Harvest Date: 02/20/2025 Received: 04/07/2025 Sample ID: 2504SMAZ0481.1438

**Amount Received:** 8.9 g **Sample Type:** Live Resin

Sample Collected: 04/07/2025 11:10:00

Manufacture Date: 03/19/2025

Published: 04/10/2025



## **COMPLIANCE FOR RETAIL**

## **Regulated Analytes**

Cannabinoid Profile (Q3)

**Tested** 

**Microbial Contaminants** 

**Pass** 

**Residual Solvents** 

**Pass** 

Pesticides, Fungicides, and Growth Regulators

**Pass** 

Mycotoxins

**Pass** 

**Heavy Metals** 

**Pass** 

## **Additional Analytes (Not Regulated)**

Terpenes Total (Q3)

**Tested** 

Moisture Analysis (Q3)

**Not Tested** 

Water Activity (Q3)

**Not Tested** 

Filth & Foreign (Q3)

**Not Tested** 

Homogeneity (Q3)
Not Tested

Additional Microbial Contaminants (Q3)

**Not Tested** 

89.545% Total THC

0.144% Total CBD

0.422%

3.037% CBG

94.605% Total Cannabinoids (Q3)

#### Ahmed Munshi

**Technical Laboratory Director** 



Smithers CTS Arizona LLC

734 W Highland Avenue, 2nd Floor Phoenix, AZ 85013 (602) 806-6930







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# **Cannabinoid Profile**

HPLC

**Tested** 

## **Sample Prep**

Batch Date: 04/08/2025

SOP: 418.AZ Batch Number: 3015 Test ID: 59930

## **Sample Analysis**

Date: 04/09/2025 SOP: 417.AZ - HPLC Sample Weight: 0.0401 g Volume: 40 mL

Analyte	LOD (mg/g)	LOQ (mg/g)	Dil.	Actual % (w/w)	mg/g	Qualifier
СВС	0.321	0.975	1	0.412	4.122	
CBD	0.321	0.975	1	0.144	1.435	
CBDA	0.321	0.975	1	ND	ND	
CBDV	0.321	0.975	1	ND	ND	
CBG	0.321	0.975	1	3.037	30.373	
CBGA	0.321	0.975	1	ND	ND	
CBN	0.321	0.975	1	0.422	4.221	
d8-THC	0.321	0.975	1	ND	ND	
d9-THC	0.321	0.975	1	89.545	895.450	
THCA	0.321	0.975	1	ND	ND	
THCV	0.321	0.975	1	1.044	10.444	

Cannabinoid Totals	Actual % (w/w)	mg/g	Qualifier
Total THC	89.545	895.450	
Total CBD	0.144	1.435	
Total Cannabinoids	94.605	946.046	Q3

Total THC = THC + (0.877 x THCA) and Total CBD = CBD + (0.877 x CBDA) ND = Not Detected, NT = Not Tested, <LOQ = Below Limit of Quantitation

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## **CERTIFICATE OF ANALYSIS**

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## **Terpene Total**

**GC-FID** 

Tested (1.6665%)

## **Sample Prep**

Batch Date: 04/08/2025

**SOP:** 419

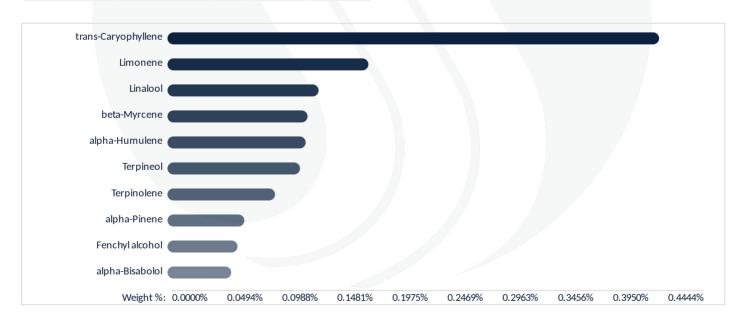
Batch Number: 3014

## **Sample Analysis**

Date: 04/09/2025 SOP: 419 - GC-FID Sample Weight: 0.426 g

Volume: 10 mL

Analyte	LOD / LOQ (%)	Dil.	Results (%)	Qualifier	Analyte	LOD / LOQ (%)	Dil.	Results (%)	Qualifier
alpha-Bisabolol	0.0009 / 0.0028	1	0.0576	Q3	gamma-Terpinene	0.0009 / 0.0028	1	0.0346	Q3
alpha-Cedrene	0.0009 / 0.0028	1	ND	Q3	Geraniol	0.0009 / 0.0028	1	<loq< td=""><td>Q3</td></loq<>	Q3
alpha-Humulene	0.0009 / 0.0028	1	0.1249	Q3	Geranyl acetate	0.0009 / 0.0028	1	ND	Q3
alpha-Phellandrene	0.0009 / 0.0028	1	0.0057	Q3	Guaiol	0.0009 / 0.0028	1	0.0443	Q3
alpha-Pinene	0.0009 / 0.0028	1	0.0695	Q3	Hexahydrothymol	0.0009 / 0.0028	1	ND	Q3
alpha-Terpinene	0.0009 / 0.0028	1	0.0351	Q3	Isoborneol	0.0009 / 0.0028	1	ND	Q3
beta-Myrcene	0.0009 / 0.0028	1	0.1266	Q3	Isopulegol	0.0009 / 0.0028	1	ND	Q3
beta-Pinene	0.0009 / 0.0028	1	<loq< td=""><td>Q3</td><td>Limonene</td><td>0.0009 / 0.0028</td><td>1</td><td>0.1816</td><td>Q3</td></loq<>	Q3	Limonene	0.0009 / 0.0028	1	0.1816	Q3
Borneol	0.0009 / 0.0028	1	0.0160	Q3	Linalool	0.0009 / 0.0028	1	0.1366	Q3
Camphene	0.0009 / 0.0028	1	0.0086	Q3	Nerol	0.0009 / 0.0028	1	ND	Q3
Camphor	0.0009 / 0.0028	1	0.0031	Q3	Pulegone (+)	0.0009 / 0.0028	1	ND	Q3
3-Carene	0.0009 / 0.0028	1	ND	Q3	Sabinene Hydrate	0.0009 / 0.0028	1	ND	Q3
Caryophyllene oxide	0.0009 / 0.0028	1	ND	Q3	Terpineol	0.0009 / 0.0028	1	0.1198	Q3
Cedrol	0.0009 / 0.0028	1	0.0476	Q3	Terpinolene	0.0009 / 0.0028	1	0.0972	Q3
cis-Nerolidol	0.0009 / 0.0028	1	ND	Q3	trans-Caryophyllene	0.0009 / 0.0028	1	0.4444	Q3
cis-Ocimene	0.0009 / 0.0028	1	ND	Q3	trans-Nerolidol	0.0009 / 0.0028	1	ND	Q3
Fenchyl alcohol	0.0009 / 0.0028	1	0.0633	Q3	trans-Ocimene	0.0009 / 0.0028	1	0.0184	Q3
Eucalyptol	0.0009 / 0.0028	1	0.0240	Q3	Valencene	0.0009 / 0.0028	1	ND	Q3
Fenchone	0.0009 / 0.0028	1	0.0077	Q3					



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## **CERTIFICATE OF ANALYSIS**

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Certificate: 12164

## **Microbial Analysis**

**Pass** 

## **Sample Prep**

Batch Date: 04/08/2025 SOP: 412.AZ Batch Number: 3013 Test ID: 60035

## **Sample Analysis**

**Date:** 04/09/2025 **SOP:** 412.AZ - 3M Petrifilm **Sample Weight:** 1.024 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
E. coli	< 100 CFU/g	< 100 CFU/g	Pass	

## **Sample Prep**

**Batch Date:** 04/08/2025 **SOP:** 406.AZ **Batch Number:** 3012

Test ID: 60036

## **Sample Analysis**

**Date:** 04/09/2025 **SOP:** 406.AZ - qPCR (MG) **Sample Weight:** 1.018 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Salmonella	Not Detected in One Gram	Not Detected in One Gram	Pass	

## **Sample Prep**

Batch Date: 04/08/2025 SOP: 406.AZ Batch Number: 3012 Test ID: 60037

## Sample Analysis

**Date:** 04/09/2025 **SOP:** 406.AZ - qPCR (MG) **Sample Weight:** 1.018 g

Analyte	Allowable Criteria	Actual Result	Pass/Fail	Qualifier
Aspergillus flavus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus fumigatus	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus niger	Not Detected in One Gram	Not Detected in One Gram	Pass	
Aspergillus terreus	Not Detected in One Gram	Not Detected in One Gram	Pass	

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## **Residual Solvents**

**HS-GC-MS** 

**Pass** 

## **Sample Prep**

Batch Date: 04/07/2025 SOP: 405.AZ Batch Number: 3003 Test ID: 59931

## **Sample Analysis**

**Date:** 04/08/2025 **SOP:** 405.AZ - HS-GC-MS **Sample Weight:** 0.0519 g

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Acetone	64 / 193	1	1000	<loq< td=""><td>_</td><td>Heptane</td><td>322 / 963</td><td>1</td><td>5000</td><td>ND</td><td>_</td></loq<>	_	Heptane	322 / 963	1	5000	ND	_
Acetonitrile	27 / 79	1	410	ND		Hexanes	46 / 140	1	290	ND	
Benzene	0.14 / 0.39	1	2	ND		Isopropyl acetate	322 / 963	1	5000	ND	
Butanes	160 / 482	1	5000	ND		Methanol	193 / 578	1	3000	ND	
Chloroform	4 / 12	1	60	ND		Pentanes	322 / 963	1	5000	ND	
Dichloromethane	39 / 116	1	600	ND		2-Propanol (IPA)	322 / 963	1	5000	ND	
Ethanol	322 / 963	1	5000	ND		Toluene	58 / 171	1	890	ND	
Ethyl acetate	322 / 963	1	5000	ND		Xylenes	279 / 836	1	2170	ND	
Ethyl ether	322 / 963	1	5000	ND							

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## **CERTIFICATE OF ANALYSIS**

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# **Heavy Metals**

**ICP-MS** 

**Pass** 

## **Sample Prep**

Batch Date: 04/09/2025

SOP: 428.AZ Batch Number: 3022 Test ID: 59932

## **Sample Analysis**

Date: 04/09/2025 SOP: 428.AZ - ICP-MS Sample Weight: 0.213 g Volume: 6 mL

Analyte	LOD (ppm)	LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Arsenic	0.051	0.170	10	0.4	ND	
Cadmium	0.051	0.170	10	0.4	ND	
Lead	0.051	0.424	10	1	ND	
Mercury	0.051	0.085	10	0.2	ND	

# **Mycotoxin Analysis**

LC-MS/MS

**Pass** 

## Sample Prep

Batch Date: 04/08/2025

SOP: 432.AZ Batch Number: 3010 Test ID: 59935

## **Sample Analysis**

Date: 04/09/2025 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.529 g Volume: 12.5 mL

Analyte	LOD (ppb)	LOQ (ppb)	Dil.	Action Limit (ppb)	Results (ppb)	Qualifier
Total Aflatoxins	3.78	9.45	1	20	ND	L1
Aflatoxin B1	3.78	9.45	1		ND	I1
Aflatoxin B2	3.78	9.45	1		ND	I1, L1
Aflatoxin G1	3.78	9.45	1		ND	
Aflatoxin G2	3.78	4.73	1		ND	
Ochratoxin A	9.45	9.45	1	20	ND	I1V1

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# Pesticides, Fungicides, and Growth Regulators

LC-MS/MS Pass

## **Sample Prep**

Batch Date: 04/08/2025 SOP: 432.AZ Batch Number: 3010 Test ID: 59934

## **Sample Analysis**

Date: 04/09/2025 SOP: 424.AZ - LC-MS/MS Sample Weight: 0.529 g Volume: 12.5 mL

Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier	Analyte	LOD / LOQ (ppm)	Dil.	Action Limit (ppm)	Results (ppm)	Qualifier
Abamectin B1a	0.078 / 0.236	1	0.5	ND		Hexythiazox	0.158 / 0.473	1	1	ND	
Acephate	0.063 / 0.189	1	0.4	ND		Imazalil	0.031 / 0.095	1	0.2	ND	
Acetamiprid	0.031 / 0.095	1	0.2	ND		Imidacloprid	0.063 / 0.189	1	0.4	ND	
Aldicarb	0.063 / 0.189	1	0.4	ND		Kresoxim-methyl	0.063 / 0.189	1	0.4	ND	
Azoxystrobin	0.031 / 0.095	1	0.2	ND		Malathion	0.031 / 0.095	1	0.2	ND	
Bifenazate	0.031 / 0.095	1	0.2	ND		Metalaxyl	0.031 / 0.095	1	0.2	ND	
Bifenthrin	0.031 / 0.095	1	0.2	ND		Methiocarb	0.031 / 0.095	1	0.2	ND	
Boscalid	0.063 / 0.189	1	0.4	ND		Methomyl	0.063 / 0.189	1	0.4	ND	
Carbaryl	0.031 / 0.095	1	0.2	ND		Myclobutanil	0.031 / 0.095	1	0.2	ND	
Carbofuran	0.031 / 0.095	1	0.2	ND		Naled	0.078 / 0.236	1	0.5	ND	
Chlorantraniliprole	0.031 / 0.095	1	0.2	ND		Oxamyl	0.158 / 0.473	1	1	ND	
Chlorfenapyr	0.158 / 0.473	1	1	ND		Paclobutrazol	0.063 / 0.189	1	0.4	ND	
Chlorpyrifos	0.031 / 0.095	1	0.2	ND		Permethrins	0.031 / 0.095	1	0.2	ND	
Clofentezine	0.031 / 0.095	1	0.2	ND		Phosmet	0.031 / 0.095	1	0.2	ND	
Cyfluthrin	0.158 / 0.473	1	1	ND		Piperonyl Butoxide	0.315 / 0.945	1	2	ND	
Cypermethrin	0.158 / 0.473	1	1	ND		Prallethrin	0.031 / 0.095	1	0.2	ND	
Daminozide	0.158 / 0.473	1	1	ND		Propiconazole	0.063 / 0.189	1	0.4	ND	
Diazinon	0.031 / 0.095	1	0.2	ND		Propoxur	0.031 / 0.095	1	0.2	ND	
Dichlorvos	0.016 / 0.047	1	0.1	ND		Pyrethrins	0.132 / 0.396	1	1	ND	
Dimethoate	0.031 / 0.095	1	0.2	ND		Pyridaben	0.031 / 0.095	1	0.2	ND	
Ethoprophos	0.031 / 0.095	1	0.2	ND		Spinosad	0.031 / 0.095	1	0.2	ND	I1
Etofenprox	0.063 / 0.189	1	0.4	ND		Spiromesifen	0.031 / 0.095	1	0.2	ND	
Etoxazole	0.031 / 0.095	1	0.2	ND		Spirotetramat	0.031 / 0.095	1	0.2	ND	
Fenoxycarb	0.031 / 0.095	1	0.2	ND		Spiroxamine	0.063 / 0.189	1	0.4	ND	
Fenpyroximate	0.063 / 0.189	1	0.4	ND		Tebuconazole	0.063 / 0.189	1	0.4	ND	
Fipronil	0.063 / 0.189	1	0.4	ND		Thiacloprid	0.031 / 0.095	1	0.2	ND	
Flonicamid	0.158 / 0.473	1	1	ND		Thiamethoxam	0.031 / 0.095	1	0.2	ND	
Fludioxonil	0.063 / 0.189	1	0.4	ND		Trifloxystrobin	0.031 / 0.095	1	0.2	ND	

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## **Qualifier Legend**

- B1 The target analyte detected in the calibration is at or above the limit of quantitation, but the sample result for potency testing, is below the limit of quantitation.
- B2 The target analyte detected in the calibration blank, or the method blank is at or above the limit of quantitation, but the sample result when testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, is below the maximum allowable concentration for the analyte.
- **D1** The limit of quantitation and the sample results were adjusted to reflect sample dilution.
- 11 The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance with respect to the reference spectra, indicating interference.
- When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits, but the sample's target analytes were not detected above the maximum allowable concentrations for the analytes in the sample.
- M1 The recovery from the matrix spike was high, but the recovery from the laboratory control sample was within acceptance criteria.
- M2 The recovery from the matrix spike was low, but the recovery from the laboratory control sample was within acceptance criteria.
- The recovery from the matrix spike was unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample was within acceptance criteria.
- M4 The analysis of a spiked sample required a dilution such that the spike recovery calculation does not provide useful information, but the recovery from the associated laboratory control sample was within acceptance criteria.
- M5 The analyte concentration was determined by the method of standard addition, in which the standard is added directly to the aliquots of the analyzed sample.
- A description of the variance is described in the final report of testing according to R9-17-404.06(B)(3)(d)(ii).
- Q1 Sample integrity was not maintained.
- O2 The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices.
- Q3 Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317.
- R1 The relative percent difference for the laboratory control sample and duplicate exceeded the limit, but the recovery was within acceptance criteria.
- R2 The relative percent difference for a sample and duplicate exceeded the limit.
- The recovery from continuing calibration verification standards exceeded the acceptance limits, but the sample's target analytes were not detected above the maximum allowable for the analytes in the sample.

**Cultivated By:** SIXTH STREET ENTERPRISES INC **Manufactured By:** SIXTH STREET ENTERPRISES INC

Disclaimer: Using marijuana during pregnancy could cause birth defects or other health issues to your unborn child.

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Notes:



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