



**Smithers CTS NJ LLC**  
 16000 Horizon Way, Suite 700  
 Mount Laurel, NJ 08054  
 License #: TL000005  
 Accreditation #: 103104  
 Certificate #: L22-543-4-R2



**Customer:** Lily Extracts

**Address:**

163 Belmont Ave  
 Garfield NJ 07026

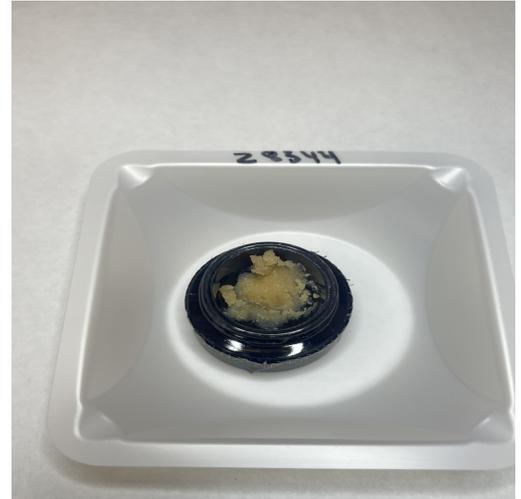
**Phone:** 201-559-5541

**License #:** M000059



**Sample ID:** 28344  
**Sample Name:** TRIPLE OG EE 2G COLD CURE  
**Sample Type:** Concentrate  
**Sampling Date:** 05/27/2025  
**Sampling Method:** 206.04  
**Report Date:** 05/30/2025  
**METRC ID:** 1A41103000015E1000005732  
**METRC Source ID:**  
 1A41103000015E1000005725  
**Client Batch ID:** TOG2GCC052725  
**Client Batch Size:** 40 each  
**Sample Size:** 3 each

# Certificate of Analysis



## Results Summary

**Cannabinoids** TESTED

05/29/2025

**Foreign Material**  PASS

05/28/2025

**Heavy Metals**  PASS

05/29/2025

**Microbial Impurities**  PASS

05/29/2025

**Pathogens**  PASS

05/28/2025

**Pesticides & Mycotoxins**  PASS

05/28/2025

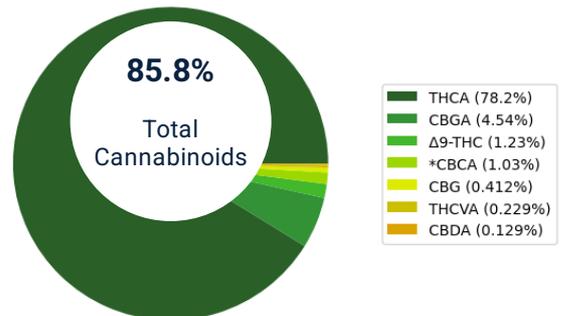
**Residual Solvents**  PASS

05/29/2025

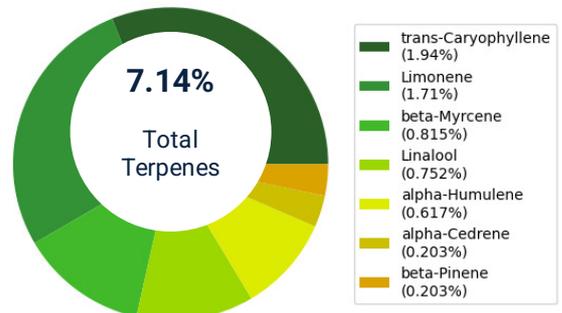
**Terpenes** TESTED

05/29/2025

## Cannabinoid Distribution (%)



## Terpene Distribution (%)



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## Cannabinoids

**Date Started:** 05/28/2025 | **Date Completed:** 05/29/2025 | **Analyst:** Braden Wachtmann-Smoot  
**Instrument:** HPLC | **Method:** TP-10.001.01 & TP-10.002.01 | **Deviation:** N/A

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	78.2	782	0.0287	0.0946
CBGA	4.54	45.4	0.0287	0.0946
Δ9-THC	1.23	12.3	0.0573	0.189
*CBCA	1.03	10.3	0.0573	0.189
CBG	0.412	4.12	0.0287	0.0946
THCVA	0.229	2.29	0.0287	0.0946
CBDA	0.129	1.29	0.0287	0.0946
CBDVA	ND	ND	0.0287	0.0946
CBDV	ND	ND	0.0287	0.0946
CBD	ND	ND	0.0287	0.0946
Δ9-THCV	ND	ND	0.0287	0.0946
CBN	ND	ND	0.0287	0.0946
*CBNA	ND	ND	0.0287	0.0946
Δ8-THC	ND	ND	0.0573	0.189
CBL	ND	ND	0.0573	0.189
CBC	ND	ND	0.0287	0.0946
<b>Total THC</b>	<b>69.8</b>	<b>698</b>		
<b>Total CBD</b>	<b>0.113</b>	<b>1.13</b>		
<b>Total Cannabinoids</b>	<b>85.8</b>	<b>858</b>		

\*CBCA and CBNA are not currently included on the ISO 17025 accreditation scope

**Total THC** = Δ9-THC + Δ8-THC + (THCA x 0.877)

**Total CBD** = CBD + (CBDA x 0.877)

**Total Cannabinoids** = Sum of all cannabinoids without THC/CBD corrections.

**LOD** = Limit of Detection; **LOQ** = Limit of Quantitation; **ND** = Not Detected.

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## Terpenes

**Date Started:** 05/27/2025  
**Instrument:** GC-FID

**Date Completed:** 05/29/2025  
**Method:** TP-10.004.02

**Analyst:** Braden Wachtmann-Smoot  
**Deviation:** N/A

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
trans-Caryophyllene	1.94	19.4	0.0106	0.0212
Limonene	1.71	17.1	0.0106	0.0212
beta-Myrcene	0.815	8.15	0.0106	0.0212
Linalool	0.752	7.52	0.0106	0.0212
alpha-Humulene	0.617	6.17	0.0106	0.0212
alpha-Cedrene	0.203	2.03	0.0106	0.0212
beta-Pinene	0.203	2.03	0.0106	0.0212
cis-Nerolidol	0.202	2.02	0.0106	0.0212
Terpineol (mix of isomers)	0.195	1.95	0.0106	0.0212
alpha-Pinene	0.121	1.21	0.0106	0.0212
alpha-Bisabolol	0.110	1.10	0.0106	0.0212
Endo-Fenchyl Alcohol	0.103	1.03	0.0106	0.0212
trans-Nerolidol	0.0671	0.671	0.0106	0.0212
Camphene	0.0413	0.413	0.0106	0.0212
Carophyllene Oxide	0.0257	0.257	0.0106	0.0212
Borneol (mix of isomers)	0.0238	0.238	0.0106	0.0212
Terpinolene	0.0215	0.215	0.0106	0.0212
Geranyl Acetate	<LOQ	<LOQ	0.0106	0.0212
Isopulegol	<LOQ	<LOQ	0.0106	0.0212
Cedrol	<LOQ	<LOQ	0.0106	0.0212
cis-Ocimene	ND	ND	0.0106	0.0212
Valencene	ND	ND	0.0106	0.0212
trans-Ocimene	ND	ND	0.0106	0.0212
Fenchone (mix of isomers)	ND	ND	0.0106	0.0212
Geraniol	ND	ND	0.0106	0.0212
Camphor (mix of isomers)	ND	ND	0.0106	0.0212
Isoborneol	ND	ND	0.0106	0.0212
Nerol	ND	ND	0.0106	0.0212
Sabinene Hydrate	ND	ND	0.0106	0.0212
Eucalyptol	ND	ND	0.0106	0.0212
gamma-Terpinene	ND	ND	0.0106	0.0212
Guaiol	ND	ND	0.0106	0.0212
p-Mentha-1,5-diene	ND	ND	0.0106	0.0212
3-Carene	ND	ND	0.0106	0.0212
alpha-Terpinene	ND	ND	0.0106	0.0212
Hexahydrothymol	ND	ND	0.0106	0.0212
Pulegone (+)	ND	ND	0.0106	0.0212
<b>Total Terpenes</b>	<b>7.14</b>	<b>71.4</b>		

## Foreign Material

**PASS**

**Date Started:**  
**Instrument:** Magnifying Glass

**Date Completed:** 05/28/2025  
**Method:** TP-10.012.01

**Analyst:** Kyle Zbikowski  
**Deviation:** N/A

### Foreign Materials

### Status

Foreign Materials Analysis

Pass

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# Certificate of Analysis

## Heavy Metals

**PASS**

**Date Started:** 05/28/2025 | **Date Completed:** 05/29/2025 | **Analyst:** Braden Wachtmann-Smoot  
**Instrument:** ICP-MS | **Method:** TP-10.007.01 | **Deviation:** N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	ND	35.9	118	400	Pass
Cadmium	ND	35.9	118	400	Pass
Lead	ND	35.9	118	1000	Pass
Mercury	ND	18.2	59.0	200	Pass
Chromium	<LOQ	35.9	118	600	Pass

## Microbial Impurities

**PASS**

**Date Started:** 05/27/2025 | **Date Completed:** 05/29/2025 | **Analyst:** Bailey Carden  
**Instrument:** 3M Petrifilm | **Method:** TP-10.010.01 | **Deviation:** N/A

Microbials	Result (CFU/g)	Limit (CFU/g)	Status
Total Yeast & Mold	10.6	100000	Pass
Total Aerobic Bacteria	ND	100000	Pass
E. coli	ND	1.00	Pass

## Pathogens

**PASS**

**Date Started:** 05/27/2025 | **Date Completed:** 05/28/2025 | **Analyst:** Bailey Carden  
**Instrument:** qPCR | **Method:** TP-10.011.01 | **Deviation:** N/A

Pathogens	Result (CFU/g)	Limit (CFU/g)	Status
Salmonella	ND	ND	Pass

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**PASS**

## Pesticides & Mycotoxins

**Date Started:** 05/27/2025  
**Instrument:** LC-MS/MS

**Date Completed:** 05/28/2025  
**Method:** TP-10.008.01

**Analyst:** Braden Wachtmann-Smoot  
**Deviation:** N/A

Analyte	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Acetamiprid	ND	2.96	9.78	200	Pass
Abamectin	ND	6.45	21.3	500	Pass
Aldicarb	ND	5.91	19.6	400	Pass
Ancymidol	ND	7.40	24.4	200	Pass
Azoxystrobin	ND	2.96	9.78	200	Pass
Bifenazate	ND	2.96	9.78	200	Pass
Bifenthrin	ND	7.40	24.4	200	Pass
Boscalid	ND	14.8	48.9	400	Pass
Carbaryl	ND	2.96	9.78	200	Pass
Carbofuran	ND	2.96	9.78	200	Pass
Chlorantraniliprole	ND	2.96	9.78	200	Pass
Chlorpyrifos	ND	7.40	24.4	200	Pass
Clofentezine	ND	7.40	24.4	200	Pass
Cyfluthrin	ND	148	489	1000	Pass
Daminozide	ND	7.40	24.4	1000	Pass
Dichlorvos	ND	7.40	24.4	100	Pass
Diazinon	ND	2.96	9.78	200	Pass
Dimethoate	ND	2.96	9.78	200	Pass
Ethephon	ND	231	764	1000	Pass
Etoxazole	ND	2.96	9.78	200	Pass
Fenpyroximate	ND	5.91	19.6	500	Pass
Fipronil	ND	2.96	9.78	400	Pass
Flonicamid	ND	5.91	19.6	1000	Pass
Fludioxonil	ND	2.96	9.78	400	Pass
Flurprimidol	ND	7.40	24.4	200	Pass
Hexythiazox	ND	5.91	19.6	1000	Pass
Imazalil	ND	7.40	24.4	200	Pass
Imidacloprid	ND	37.1	122	400	Pass
Kresoxim-methyl	ND	2.96	9.78	400	Pass
Malathion	ND	14.8	48.9	200	Pass
Metalaxyl	ND	2.96	9.78	200	Pass
Methiocarb	ND	2.96	9.78	200	Pass
Methomyl	ND	2.96	9.78	400	Pass
Myclobutanil	ND	7.40	24.4	200	Pass
Naled	ND	7.40	24.4	500	Pass
Oxamyl	ND	2.96	9.78	1000	Pass
Paclobutrazol	ND	2.96	9.78	400	Pass
Permethrin	ND	7.40	24.4	500	Pass
Phosmet	ND	7.40	24.4	200	Pass
Piperonyl butoxide	ND	2.96	9.78	1000	Pass
Propiconazole	ND	7.40	24.4	400	Pass
Pyrethrins	ND	19.7	65.0	1000	Pass
Spinosad	ND	12.5	41.3	200	Pass
Spiromesifen	ND	2.96	9.78	200	Pass
Spirotetramat	ND	7.40	24.4	200	Pass
Thiacloprid	ND	2.96	9.78	200	Pass
Thiamethoxam	ND	2.96	9.78	200	Pass
Trifloxystrobin	ND	2.96	9.78	200	Pass
Aflatoxin B1	ND	2.96	9.78	20.0	Pass
Aflatoxin B2	ND	2.96	9.78	20.0	Pass
Aflatoxin G1	ND	2.96	9.78	20.0	Pass
Aflatoxin G2	ND	2.96	9.78	20.0	Pass
Ochratoxin A	ND	2.96	9.78	20.0	Pass

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## Residual Solvents

**PASS**

**Date Started:** 05/28/2025  
**Instrument:** HS-GC-MS

**Date Completed:** 05/29/2025  
**Method:** TP-10.005.01

**Analyst:** Bailey Carden  
**Deviation:** N/A

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
Propanes	ND	22.6	74.8	5000	Pass
Ethanol	ND	22.6	74.8	5000	Pass
Hexanes	ND	4.52	15.0	290	Pass
Benzene	ND	0.226	0.748	2.00	Pass
Heptanes	ND	22.6	74.8	5000	Pass
Toluene	ND	22.6	74.8	890	Pass
Butanes	ND	11.3	37.4	5000	Pass
Total Xylenes	ND	5.66	18.7	2170	Pass

Braden Wachtmann-Smoot,  
 Laboratory Manager  
 05/30/2025

END OF REPORT

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