



**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

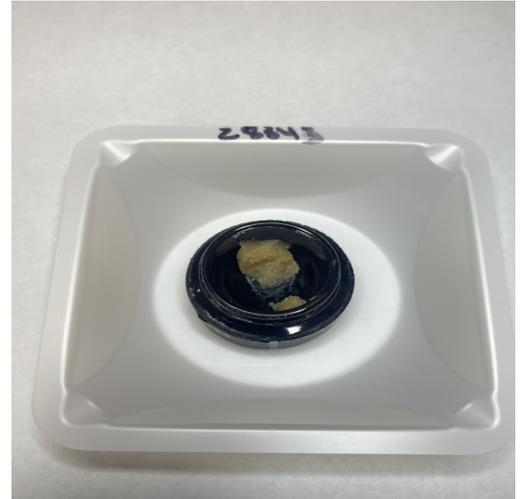
**Address:**

163 Belmont Ave  
 Garfield NJ 07026

**Phone:** 201-559-5541

**License #:** M000059

# Certificate of Analysis



**Sample ID:** 28343  
**Sample Name:** TRIPLE OG EE 1G COLD CURE  
**Sample Type:** Concentrate  
**Sampling Date:** 05/27/2025  
**Sampling Method:** 206.04  
**Report Date:** 05/30/2025  
**METRC ID:** 1A41103000015E1000005731  
**METRC Source ID:**  
 1A41103000015E1000005724  
**Client Batch ID:** TOG1GCC052725  
**Client Batch Size:** 100 each  
**Sample Size:** 8 each

## 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

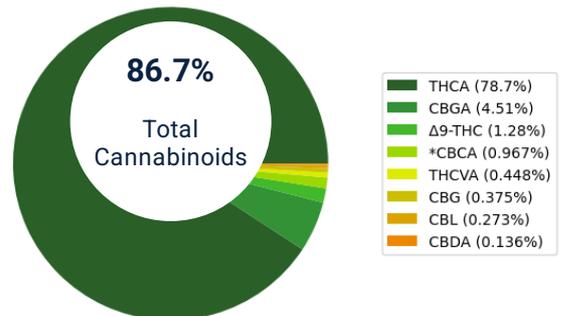
**Residual Solvents**  PASS

05/29/2025

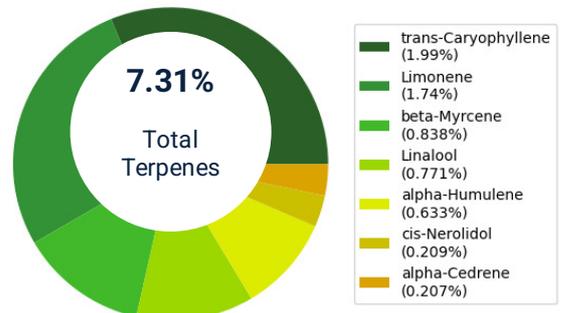
**Terpenes** TESTED

05/29/2025

### Cannabinoid Distribution (%)



### Terpene Distribution (%)



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## Cannabinoids

**Date Started:** 05/28/2025  
**Instrument:** HPLC

**Date Completed:** 05/29/2025  
**Method:** TP-10.001.01 & TP-10.002.01

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

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	78.7	787	0.0287	0.0947
CBGA	4.51	45.1	0.0287	0.0947
Δ9-THC	1.28	12.8	0.0574	0.189
*CBCA	0.967	9.67	0.0574	0.189
THCVA	0.448	4.48	0.0287	0.0947
CBG	0.375	3.75	0.0287	0.0947
CBL	0.273	2.73	0.0574	0.189
CBDA	0.136	1.36	0.0287	0.0947
CBDVA	ND	ND	0.0287	0.0947
CBDV	ND	ND	0.0287	0.0947
CBD	ND	ND	0.0287	0.0947
Δ9-THCV	ND	ND	0.0287	0.0947
CBN	ND	ND	0.0287	0.0947
*CBNA	ND	ND	0.0287	0.0947
Δ8-THC	ND	ND	0.0574	0.189
CBC	ND	ND	0.0287	0.0947
<b>Total THC</b>	<b>70.3</b>	<b>703</b>		
<b>Total CBD</b>	<b>0.120</b>	<b>1.20</b>		
<b>Total Cannabinoids</b>	<b>86.7</b>	<b>867</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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# Certificate of Analysis

## 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	1.99	19.9	0.0107	0.0214
Limonene	1.74	17.4	0.0107	0.0214
beta-Myrcene	0.838	8.38	0.0107	0.0214
Linalool	0.771	7.71	0.0107	0.0214
alpha-Humulene	0.633	6.33	0.0107	0.0214
cis-Nerolidol	0.209	2.09	0.0107	0.0214
alpha-Cedrene	0.207	2.07	0.0107	0.0214
beta-Pinene	0.206	2.06	0.0107	0.0214
Terpineol (mix of isomers)	0.200	2.00	0.0107	0.0214
alpha-Pinene	0.121	1.21	0.0107	0.0214
alpha-Bisabolol	0.112	1.12	0.0107	0.0214
Endo-Fenchyl Alcohol	0.105	1.05	0.0107	0.0214
trans-Nerolidol	0.0686	0.686	0.0107	0.0214
Camphene	0.0410	0.410	0.0107	0.0214
Carophyllene Oxide	0.0248	0.248	0.0107	0.0214
Borneol (mix of isomers)	0.0247	0.247	0.0107	0.0214
Terpinolene	0.0221	0.221	0.0107	0.0214
Geranyl Acetate	<LOQ	<LOQ	0.0107	0.0214
Isopulegol	<LOQ	<LOQ	0.0107	0.0214
Cedrol	<LOQ	<LOQ	0.0107	0.0214
cis-Ocimene	ND	ND	0.0107	0.0214
Valencene	ND	ND	0.0107	0.0214
Fenchone (mix of isomers)	ND	ND	0.0107	0.0214
trans-Ocimene	ND	ND	0.0107	0.0214
Geraniol	ND	ND	0.0107	0.0214
Camphor (mix of isomers)	ND	ND	0.0107	0.0214
Isoborneol	ND	ND	0.0107	0.0214
Nerol	ND	ND	0.0107	0.0214
Sabinene Hydrate	ND	ND	0.0107	0.0214
Eucalyptol	ND	ND	0.0107	0.0214
gamma-Terpinene	ND	ND	0.0107	0.0214
Guaiol	ND	ND	0.0107	0.0214
p-Mentha-1,5-diene	ND	ND	0.0107	0.0214
3-Carene	ND	ND	0.0107	0.0214
alpha-Terpinene	ND	ND	0.0107	0.0214
Hexahydrothymol	ND	ND	0.0107	0.0214
Pulegone (+)	ND	ND	0.0107	0.0214
<b>Total Terpenes</b>	<b>7.31</b>	<b>73.1</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	34.7	114	400	Pass
Cadmium	ND	34.7	114	400	Pass
Lead	ND	34.7	114	1000	Pass
Mercury	ND	17.6	57.1	200	Pass
Chromium	ND	34.7	114	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	ND	100000	Pass
Total Aerobic Bacteria	ND	100000	Pass
E. coli	ND	1.00	Pass

## Pathogens

**PASS**

**Date Started:** 05/28/2025 | **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	2.75	9.09	200	Pass
Abamectin	ND	6.00	19.8	500	Pass
Aldicarb	ND	5.50	18.2	400	Pass
Ancymidol	ND	6.88	22.7	200	Pass
Azoxystrobin	ND	2.75	9.09	200	Pass
Bifenazate	ND	2.75	9.09	200	Pass
Bifenthrin	ND	6.88	22.7	200	Pass
Boscalid	ND	13.8	45.4	400	Pass
Carbaryl	ND	2.75	9.09	200	Pass
Carbofuran	ND	2.75	9.09	200	Pass
Chlorantraniliprole	ND	2.75	9.09	200	Pass
Chlorpyrifos	ND	6.88	22.7	200	Pass
Clofentezine	ND	6.88	22.7	200	Pass
Cyfluthrin	ND	138	454	1000	Pass
Daminozide	ND	6.88	22.7	1000	Pass
Dichlorvos	ND	6.88	22.7	100	Pass
Diazinon	ND	2.75	9.09	200	Pass
Dimethoate	ND	2.75	9.09	200	Pass
Ethephon	ND	215	710	1000	Pass
Etoxazole	ND	2.75	9.09	200	Pass
Fenpyroximate	ND	5.50	18.2	500	Pass
Fipronil	ND	2.75	9.09	400	Pass
Flonicamid	ND	5.50	18.2	1000	Pass
Fludioxonil	ND	2.75	9.09	400	Pass
Flurprimidol	ND	6.88	22.7	200	Pass
Hexythiazox	ND	5.50	18.2	1000	Pass
Imazalil	ND	6.88	22.7	200	Pass
Imidacloprid	ND	34.5	114	400	Pass
Kresoxim-methyl	ND	2.75	9.09	400	Pass
Malathion	ND	13.8	45.4	200	Pass
Metalaxyl	ND	2.75	9.09	200	Pass
Methiocarb	ND	2.75	9.09	200	Pass
Methomyl	ND	2.75	9.09	400	Pass
Myclobutanil	ND	6.88	22.7	200	Pass
Naled	ND	6.88	22.7	500	Pass
Oxamyl	ND	2.75	9.09	1000	Pass
Paclobutrazol	ND	2.75	9.09	400	Pass
Permethrin	ND	6.88	22.7	500	Pass
Phosmet	ND	6.88	22.7	200	Pass
Piperonyl butoxide	ND	2.75	9.09	1000	Pass
Propiconazole	ND	6.88	22.7	400	Pass
Pyrethrins	ND	18.3	60.4	1000	Pass
Spinosad	ND	11.6	38.4	200	Pass
Spiromesifen	ND	2.75	9.09	200	Pass
Spirotetramat	ND	6.88	22.7	200	Pass
Thiacloprid	ND	2.75	9.09	200	Pass
Thiamethoxam	ND	2.75	9.09	200	Pass
Trifloxystrobin	ND	2.75	9.09	200	Pass
Aflatoxin B1	ND	2.75	9.09	20.0	Pass
Aflatoxin B2	ND	2.75	9.09	20.0	Pass
Aflatoxin G1	ND	2.75	9.09	20.0	Pass
Aflatoxin G2	ND	2.75	9.09	20.0	Pass
Ochratoxin A	ND	2.75	9.09	20.0	Pass

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**PASS**

## Residual Solvents

**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	23.6	78.0	5000	Pass
Ethanol	ND	23.6	78.0	5000	Pass
Hexanes	ND	4.72	15.6	290	Pass
Benzene	ND	0.236	0.780	2.00	Pass
Heptanes	ND	23.6	78.0	5000	Pass
Toluene	ND	23.6	78.0	890	Pass
Butanes	ND	11.8	39.0	5000	Pass
Total Xylenes	ND	5.91	19.5	2170	Pass

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

END OF REPORT

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