



**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

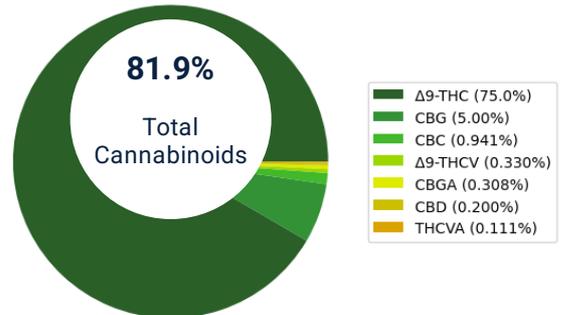


**Sample ID:** 28340  
**Sample Name:** TRIPLE OG EE 0.5G ALL IN ONE  
**Sample Type:** Vape  
**Sampling Date:** 05/27/2025  
**Sampling Method:** 206.04  
**Report Date:** 05/30/2025  
**METRC ID:** 1A41103000015E1000005728  
**METRC Source ID:**  
 1A41103000015E1000005721  
**Client Batch ID:** TOG05GDISP052725  
**Client Batch Size:** 296 each  
**Sample Size:** 16 each

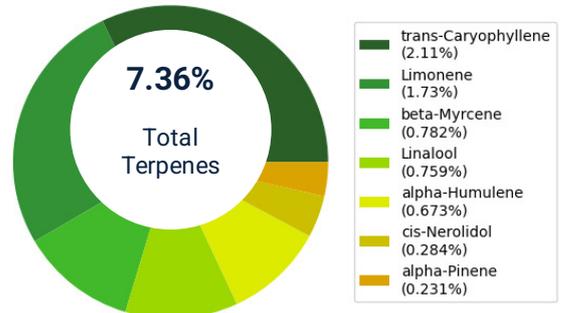
## Results Summary

<b>Cannabinoids</b> 05/29/2025	TESTED
<b>Foreign Material</b> 05/28/2025	✓ PASS
<b>Heavy Metals</b> 05/29/2025	✓ PASS
<b>Microbial Impurities</b> 05/29/2025	✓ PASS
<b>Pathogens</b> 05/28/2025	✓ PASS
<b>Pesticides &amp; Mycotoxins</b> 05/28/2025	✓ PASS
<b>Residual Solvents</b> 05/29/2025	✓ PASS
<b>Terpenes</b> 05/29/2025	TESTED
<b>Vitamin E Acetate</b> 05/29/2025	✓ PASS

## 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 (%)
Δ9-THC	75.0	750	0.0617	0.203
CBG	5.00	50.0	0.0308	0.102
CBC	0.941	9.41	0.0308	0.102
Δ9-THCV	0.330	3.30	0.0308	0.102
CBGA	0.308	3.08	0.0308	0.102
CBD	0.200	2.00	0.0308	0.102
THCVA	0.111	1.11	0.0308	0.102
CBDVA	ND	ND	0.0308	0.102
CBDV	ND	ND	0.0308	0.102
CBDA	ND	ND	0.0308	0.102
CBN	ND	ND	0.0308	0.102
*CBNA	ND	ND	0.0308	0.102
Δ8-THC	ND	ND	0.0617	0.203
CBL	ND	ND	0.0617	0.203
THCA	ND	ND	0.0308	0.102
*CBCA	ND	ND	0.0617	0.203
<b>Total THC</b>	<b>75.0</b>	<b>750</b>		
<b>Total CBD</b>	<b>0.200</b>	<b>2.00</b>		
<b>Total Cannabinoids</b>	<b>81.9</b>	<b>819</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	2.11	21.1	0.0107	0.0213
Limonene	1.73	17.3	0.0107	0.0213
beta-Myrcene	0.782	7.82	0.0107	0.0213
Linalool	0.759	7.59	0.0107	0.0213
alpha-Humulene	0.673	6.73	0.0107	0.0213
cis-Nerolidol	0.284	2.84	0.0107	0.0213
alpha-Pinene	0.231	2.31	0.0107	0.0213
Terpineol (mix of isomers)	0.214	2.14	0.0107	0.0213
Endo-Fenchyl Alcohol	0.196	1.96	0.0107	0.0213
alpha-Bisabolol	0.130	1.30	0.0107	0.0213
trans-Nerolidol	0.0757	0.757	0.0107	0.0213
beta-Pinene	0.0618	0.618	0.0107	0.0213
Camphene	0.0527	0.527	0.0107	0.0213
Borneol (mix of isomers)	0.0293	0.293	0.0107	0.0213
Terpinolene	0.0268	0.268	0.0107	0.0213
Geranyl Acetate	<LOQ	<LOQ	0.0107	0.0213
Valencene	ND	ND	0.0107	0.0213
Carophyllene Oxide	ND	ND	0.0107	0.0213
Fenchone (mix of isomers)	ND	ND	0.0107	0.0213
cis-Ocimene	ND	ND	0.0107	0.0213
trans-Ocimene	ND	ND	0.0107	0.0213
Isoborneol	ND	ND	0.0107	0.0213
Guaiol	ND	ND	0.0107	0.0213
Geraniol	ND	ND	0.0107	0.0213
Cedrol	ND	ND	0.0107	0.0213
gamma-Terpinene	ND	ND	0.0107	0.0213
p-Mentha-1,5-diene	ND	ND	0.0107	0.0213
alpha-Terpinene	ND	ND	0.0107	0.0213
Nerol	ND	ND	0.0107	0.0213
3-Carene	ND	ND	0.0107	0.0213
Eucalyptol	ND	ND	0.0107	0.0213
alpha-Cedrene	ND	ND	0.0107	0.0213
Camphor (mix of isomers)	ND	ND	0.0107	0.0213
Sabinene Hydrate	ND	ND	0.0107	0.0213
Isopulegol	ND	ND	0.0107	0.0213
Hexahydrothymol	ND	ND	0.0107	0.0213
Pulegone (+)	ND	ND	0.0107	0.0213
<b>Total Terpenes</b>	<b>7.36</b>	<b>73.6</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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## 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	36.0	119	400	Pass
Cadmium	ND	36.0	119	400	Pass
Lead	ND	36.0	119	1000	Pass
Mercury	ND	18.3	59.3	200	Pass
Chromium	ND	36.0	119	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:** 05/27/2025      **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	2.95	9.76	200	Pass
Abamectin	ND	6.44	21.2	500	Pass
Aldicarb	ND	5.90	19.5	400	Pass
Ancymidol	ND	7.39	24.4	200	Pass
Azoxystrobin	ND	2.95	9.76	200	Pass
Bifenazate	ND	2.95	9.76	200	Pass
Bifenthrin	ND	7.39	24.4	200	Pass
Boscalid	ND	14.8	48.8	400	Pass
Carbaryl	ND	2.95	9.76	200	Pass
Carbofuran	ND	2.95	9.76	200	Pass
Chlorantraniliprole	ND	2.95	9.76	200	Pass
Chlorpyrifos	ND	7.39	24.4	200	Pass
Clofentezine	ND	7.39	24.4	200	Pass
Cyfluthrin	ND	148	488	1000	Pass
Daminozide	ND	7.39	24.4	1000	Pass
Dichlorvos	ND	7.39	24.4	100	Pass
Diazinon	ND	2.95	9.76	200	Pass
Dimethoate	ND	2.95	9.76	200	Pass
Ethephon	ND	231	762	1000	Pass
Etoxazole	ND	2.95	9.76	200	Pass
Fenpyroximate	ND	5.90	19.5	500	Pass
Fipronil	ND	2.95	9.76	400	Pass
Flonicamid	ND	5.90	19.5	1000	Pass
Fludioxonil	ND	2.95	9.76	400	Pass
Flurprimidol	ND	7.39	24.4	200	Pass
Hexythiazox	ND	5.90	19.5	1000	Pass
Imazalil	ND	7.39	24.4	200	Pass
Imidacloprid	ND	37.1	122	400	Pass
Kresoxim-methyl	ND	2.95	9.76	400	Pass
Malathion	ND	14.8	48.8	200	Pass
Metalaxyl	<LOQ	2.95	9.76	200	Pass
Methiocarb	ND	2.95	9.76	200	Pass
Methomyl	ND	2.95	9.76	400	Pass
Myclobutanil	ND	7.39	24.4	200	Pass
Naled	ND	7.39	24.4	500	Pass
Oxamyl	ND	2.95	9.76	1000	Pass
Paclobutrazol	ND	2.95	9.76	400	Pass
Permethrin	ND	7.39	24.4	500	Pass
Phosmet	ND	7.39	24.4	200	Pass
Piperonyl butoxide	ND	2.95	9.76	1000	Pass
Propiconazole	<LOQ	7.39	24.4	400	Pass
Pyrethrins	ND	19.7	64.9	1000	Pass
Spinosad	ND	12.5	41.2	200	Pass
Spiromesifen	ND	2.95	9.76	200	Pass
Spirotetramat	ND	7.39	24.4	200	Pass
Thiacloprid	ND	2.95	9.76	200	Pass
Thiamethoxam	ND	2.95	9.76	200	Pass
Trifloxystrobin	ND	2.95	9.76	200	Pass
Aflatoxin B1	ND	2.95	9.76	20.0	Pass
Aflatoxin B2	ND	2.95	9.76	20.0	Pass
Aflatoxin G1	ND	2.95	9.76	20.0	Pass
Aflatoxin G2	ND	2.95	9.76	20.0	Pass
Ochratoxin A	ND	2.95	9.76	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	22.5	74.5	5000	Pass
Ethanol	ND	22.5	74.5	5000	Pass
Hexanes	ND	4.51	14.9	290	Pass
Benzene	ND	0.225	0.745	2.00	Pass
Heptanes	ND	22.5	74.5	5000	Pass
Toluene	ND	22.5	74.5	890	Pass
Butanes	ND	11.3	37.2	5000	Pass
Total Xylenes	ND	5.64	18.6	2170	Pass

## Vitamin E Acetate

**PASS**

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

**Date Completed:** 05/29/2025  
**Method:** TP-10.006.01

**Analyst:** Kevin Stevens  
**Deviation:** N/A

Analyte	Result (%)	LOD (%)	LOQ (%)	Limit (%)	Status
Tocopheryl Acetate	ND	0.0538	0.108	0.700	Pass

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

END OF REPORT

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