

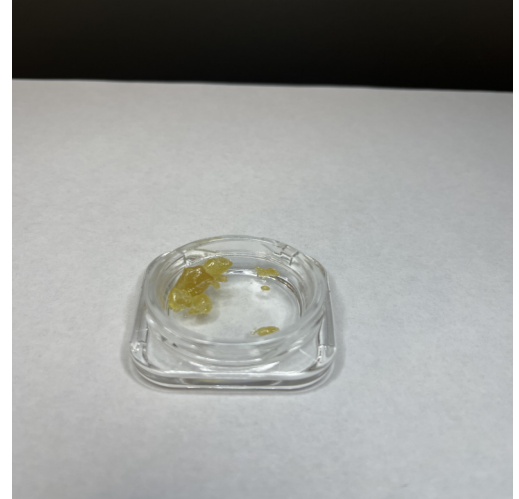


**Smithers CTS NJ LLC**  
 16000 Horizon Way, Suite 700  
 Mount Laurel, NJ 08054  
 License #: TL000005  
 Accreditation #: 103104  
 Certificate #: L22-543-4-R2

# Certificate of Analysis



**Customer:** Lily Extracts  
**Address:**  
 163 Belmont Ave  
 Garfield NJ 07026  
**Phone:** 201-559-5541  
**License #:** M000059

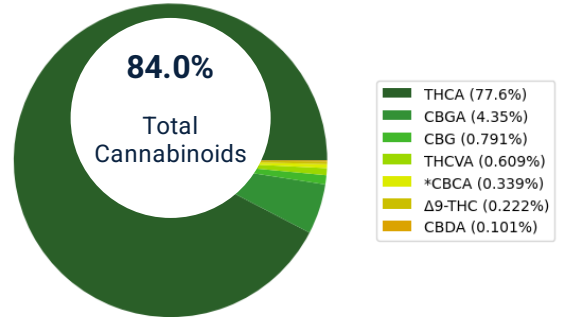


**Sample ID:** 22564  
**Sample Name:** RAINBOW GUAVA EE 0.5G COLD CURE  
**Sample Type:** Concentrate  
**Sampling Date:** 01/15/2025  
**Sampling Method:** 206.04  
**Report Date:** 01/17/2025  
**METRC ID:** 1A41103000015E1000003667  
**METRC Source ID:**  
 1A41103000015E1000003684  
**Client Batch ID:** RG05GCC011525  
**Client Batch Size:** N/A  
**Sample Size:** 14

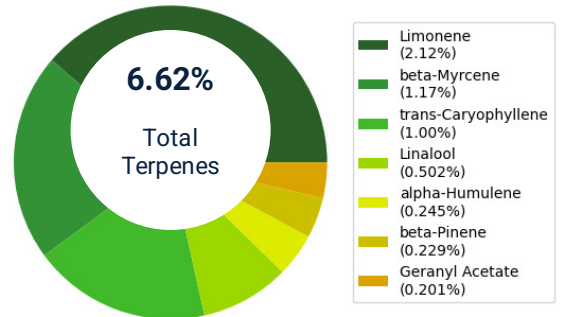
## Results Summary

<b>Cannabinoids</b> 01/16/2025	TESTED
<b>Foreign Material</b> 01/15/2025	✓ PASS
<b>Heavy Metals</b> 01/16/2025	✓ PASS
<b>Microbial Impurities</b> 01/17/2025	✓ PASS
<b>Pathogens</b> 01/17/2025	✓ PASS
<b>Pesticides &amp; Mycotoxins</b> 01/16/2025	✓ PASS
<b>Residual Solvents</b> 01/16/2025	✓ PASS
<b>Terpenes</b> 01/16/2025	TESTED

## Cannabinoid Distribution (%)



## Terpene Distribution (%)



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## Cannabinoids

**Date Started:** 01/15/2025  
**Instrument:** HPLC

**Date Completed:** 01/16/2025  
**Method:** TP-10.001.01 & TP-10.002.01

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

Cannabinoid	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
THCA	77.6	776	0.0297	0.0979
CBGA	4.35	43.5	0.0297	0.0979
CBG	0.791	7.91	0.0297	0.0979
THCVA	0.609	6.09	0.0297	0.0979
*CBCA	0.339	3.39	0.0593	0.196
Δ9-THC	0.222	2.22	0.0593	0.196
Δ8-THC	<LOQ	<LOQ	0.0593	0.196
CBDA	0.101	1.01	0.0297	0.0979
CBDVA	ND	ND	0.0297	0.0979
CBDV	ND	ND	0.0297	0.0979
CBD	ND	ND	0.0297	0.0979
Δ9-THCV	ND	ND	0.0297	0.0979
CBN	ND	ND	0.0297	0.0979
*CBNA	ND	ND	0.0297	0.0979
CBL	ND	ND	0.0593	0.196
CBC	ND	ND	0.0297	0.0979
<b>Total THC</b>	<b>68.3</b>	<b>683</b>		
<b>Total CBD</b>	<b>0.0882</b>	<b>0.882</b>		
<b>Total Cannabinoids</b>	<b>84.0</b>	<b>840</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:** 01/15/2025  
**Instrument:** GC-FID

**Date Completed:** 01/16/2025  
**Method:** TP-10.004.01

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

Terpene	Result (%)	Result (mg/g)	LOD (%)	LOQ (%)
Limonene	2.12	21.2	0.0104	0.0209
beta-Myrcene	1.17	11.7	0.0104	0.0209
trans-Caryophyllene	1.00	10.0	0.0104	0.0209
Linalool	0.502	5.02	0.0104	0.0209
alpha-Humulene	0.245	2.45	0.0104	0.0209
beta-Pinene	0.229	2.29	0.0104	0.0209
Geranyl Acetate	0.201	2.01	0.0104	0.0209
Terpineol (mix of isomers)	0.194	1.94	0.0104	0.0209
cis-Nerolidol	0.192	1.92	0.0104	0.0209
alpha-Cedrene	0.172	1.72	0.0104	0.0209
Endo-Fenchyl Alcohol	0.141	1.41	0.0104	0.0209
alpha-Pinene	0.134	1.34	0.0104	0.0209
trans-Nerolidol	0.107	1.07	0.0104	0.0209
alpha-Bisabolol	0.104	1.04	0.0104	0.0209
Camphene	0.0457	0.457	0.0104	0.0209
Borneol (mix of isomers)	0.0312	0.312	0.0104	0.0209
Terpinolene	0.0285	0.285	0.0104	0.0209
Fenchone (mix of isomers)	<LOQ	<LOQ	0.0104	0.0209
Carophyllene Oxide	<LOQ	<LOQ	0.0104	0.0209
Valencene	<LOQ	<LOQ	0.0104	0.0209
cis-Ocimene	<LOQ	<LOQ	0.0104	0.0209
trans-Ocimene	ND	ND	0.0104	0.0209
Geraniol	ND	ND	0.0104	0.0209
Hexahydrothymol	ND	ND	0.0104	0.0209
Sabinene Hydrate	ND	ND	0.0104	0.0209
Nerol	ND	ND	0.0104	0.0209
Cedrol	ND	ND	0.0104	0.0209
gamma-Terpinene	ND	ND	0.0104	0.0209
Eucalyptol	ND	ND	0.0104	0.0209
Pulegone (+)	ND	ND	0.0104	0.0209
p-Mentha-1,5-diene	ND	ND	0.0104	0.0209
3-Carene	ND	ND	0.0104	0.0209
alpha-Terpinene	ND	ND	0.0104	0.0209
Isopulegol	ND	ND	0.0104	0.0209
Camphor (mix of isomers)	ND	ND	0.0104	0.0209
Isoborneol	ND	ND	0.0104	0.0209
Guaiol	ND	ND	0.0104	0.0209
<b>Total Terpenes</b>	<b>6.62</b>	<b>66.2</b>		

## Foreign Material

**PASS**

**Date Started:** 01/15/2025  
**Instrument:** Magnifying Glass

**Date Completed:** 01/15/2025  
**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:** 01/16/2025      **Date Completed:** 01/16/2025      **Analyst:** Kevin Stevens  
**Instrument:** ICP-MS      **Method:** TP-10.007.01      **Deviation:** N/A

Heavy Metals	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Arsenic	<LOQ	5.77	23.1	400	Pass
Cadmium	ND	5.77	23.1	400	Pass
Lead	ND	5.77	23.1	1000	Pass
Mercury	ND	5.77	23.1	200	Pass
Chromium	186	5.77	23.1	600	Pass

## Microbial Impurities

✓ PASS

**Date Started:** 01/15/2025      **Date Completed:** 01/17/2025      **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:** 01/15/2025      **Date Completed:** 01/17/2025      **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:** 01/15/2025  
**Instrument:** LC-MS/MS

**Date Completed:** 01/16/2025  
**Method:** TP-10.008.01

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

Analyte	Result (ppb)	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Status
Acetamiprid	ND	2.94	9.81	200	Pass
Abamectin	ND	15.0	49.1	500	Pass
Aldicarb	ND	2.94	9.81	400	Pass
Ancymidol	ND	7.36	24.5	200	Pass
Azoxystrobin	ND	2.94	9.81	200	Pass
Bifenazate	ND	2.94	9.81	200	Pass
Bifenthrin	ND	5.89	19.6	200	Pass
Boscalid	ND	15.0	49.1	400	Pass
Carbaryl	ND	2.94	9.81	200	Pass
Carbofuran	ND	2.94	9.81	200	Pass
Chlorantraniliprole	ND	2.94	9.81	200	Pass
Chlorpyrifos	ND	15.0	49.1	200	Pass
Clofentezine	ND	2.94	9.81	200	Pass
Cyfluthrin	ND	15.0	49.1	1000	Pass
Daminozide	ND	7.36	24.5	1000	Pass
Dichlorvos	ND	15.0	49.1	100	Pass
Diazinon	ND	2.94	9.81	200	Pass
Dimethoate	ND	2.94	9.81	200	Pass
Ethephon	ND	491	981	1000	Pass
Etoxazole	ND	2.94	9.81	200	Pass
Fenpyroximate	ND	5.89	19.6	500	Pass
Fipronil	ND	7.36	24.5	400	Pass
Flonicamid	ND	5.89	19.6	1000	Pass
Fludioxonil	ND	2.94	9.81	400	Pass
Flurprimidol	ND	7.36	24.5	200	Pass
Hexythiazox	ND	5.89	19.6	1000	Pass
Imazalil	ND	15.0	49.1	200	Pass
Imidacloprid	ND	15.0	49.1	400	Pass
Kresoxim-methyl	ND	5.89	19.6	400	Pass
Malathion	ND	15.0	49.1	200	Pass
Metalaxyl	ND	2.94	9.81	200	Pass
Methiocarb	ND	2.94	9.81	200	Pass
Methomyl	ND	2.94	9.81	400	Pass
Myclobutanil	ND	5.89	19.6	200	Pass
Naled	ND	7.36	24.5	500	Pass
Oxamyl	ND	2.94	9.81	1000	Pass
Paclobutrazol	ND	2.94	9.81	400	Pass
Permethrin	ND	15.0	49.1	500	Pass
Phosmet	ND	5.89	19.6	200	Pass
Piperonyl butoxide	ND	15.0	49.1	1000	Pass
Propiconazole	ND	5.89	19.6	400	Pass
Pyrethrins	ND	15.0	49.1	1000	Pass
Spinosad	ND	7.36	24.5	200	Pass
Spiromesifen	ND	2.94	9.81	200	Pass
Spirotetramat	ND	7.36	24.5	200	Pass
Thiacloprid	ND	2.94	9.81	200	Pass
Thiamethoxam	ND	2.94	9.81	200	Pass
Trifloxystrobin	ND	5.89	19.6	200	Pass
Aflatoxin B1	ND	5.89	19.6	20.0	Pass
Aflatoxin B2	ND	5.89	19.6	20.0	Pass
Aflatoxin G1	ND	5.89	19.6	20.0	Pass
Aflatoxin G2	ND	5.89	19.6	20.0	Pass
Ochratoxin A	ND	5.89	19.6	20.0	Pass

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## Residual Solvents

**PASS**

**Date Started:** 01/15/2025  
**Instrument:** HS-GC-MS

**Date Completed:** 01/16/2025  
**Method:** TP-10.005.01

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

Residual Solvent	Result (ppm)	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Status
Propanes	ND	26.4	87.3	5000	Pass
Ethanol	ND	26.4	87.3	5000	Pass
Hexanes	ND	5.28	17.5	290	Pass
Benzene	ND	0.264	0.873	2.00	Pass
Heptanes	ND	26.4	87.3	5000	Pass
Toluene	ND	26.4	87.3	890	Pass
Butanes	ND	13.2	43.7	5000	Pass
Total Xylenes	ND	6.62	21.8	2170	Pass

Braden Wachtmann-Smoot,  
 Laboratory Manager  
 01/17/2025

END OF REPORT

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