



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCC000033-00
Sample ID: 2609ML1054.7091
METRC Sample ID: 1A40703000020D2000000774



CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 19369

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M00001303009: Guava Cooler Bulk Flower

METRC ID: 1A40703000020D2000000774

METRC Source ID: 1A40703000020D2000000759

Source Batch #: Guava Cooler 8-31-26

Sample Type: Flower - Cured

Strain: Guava Cooler

Sample ID: 2609ML1054.7091

Manifest #: 0001483428

Sample Collected: 09/15/2026

Sample Received: 09/15/2026

Report Published: 09/18/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	25.091% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		0.17871% Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (13.7%)	Water Activity Tested (0.550 Aw)		
	Terpenes Tested			

Moisture Analysis is analyzed by Oven Drying (SOP LAB-14)

Water Activity is analyzed by METER total moisture analyzer (SOP LAB-05)

Foreign Matter is analyzed by Microscope (SOP LAB-06)

Report Notes: N/A

Amber Lindsay

Scientific Director & Quality Manager

Smithers CTS Ohio LLC

2040 Fairwood Ave
Columbus, OH 43207
(330) 842-6553



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Cannabinoid Profile

Tested

Sample Analysis
Sample Prep Date: 09/17/2026
Sample Analysis Date: 09/18/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.031986	0.096872	ND	ND
CBDa	0.063908	0.19487	0.20377	2.0377
CBGA	0.01416	0.042885	0.56519	5.6519
CBG	0.022716	0.068758	0.3129	3.129
CBD	0.14465	0.43904	ND	ND
THCV	0.094734	0.28726	ND	ND
CBN	0.078436	0.23836	ND	ND
Δ9-THC	0.14261	0.4319	1.1668	11.668
Δ8-THC	0.14261	0.43292	ND	ND
CBC	0.040032	0.12132	ND	ND
THCa	0.055006	0.16502	27.28	272.8

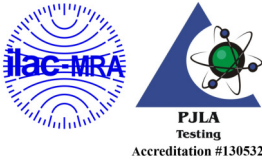
Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	25.091	250.91
Total CBD	N/A	0.17871	1.7871

Total THC = THCa * 0.877 + Δ9-THC + Δ8-THC
Total CBD = CBDa * 0.877 + CBD

Report Notes: N/A

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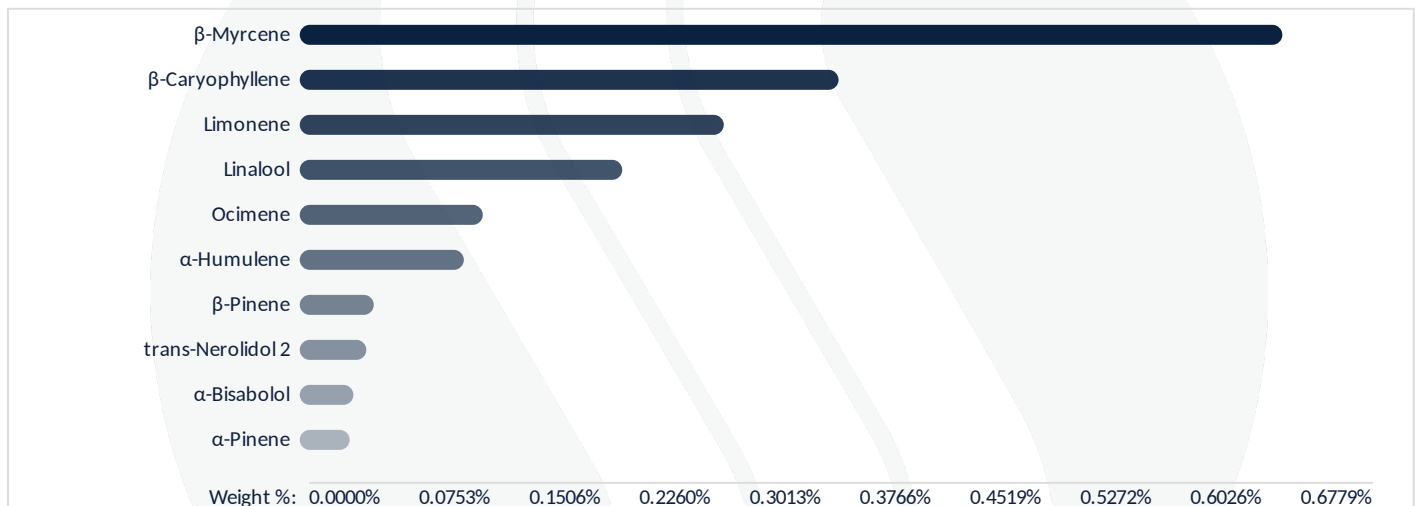
Terpene Profile

Tested

Sample Analysis

Sample Prep Date: 09/17/2026
Sample Analysis Date: 09/18/2026
Analyzed By: GCMS
SOP: SOP LAB-15

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
β-Myrcene	0.0020782	0.0062741	0.67788	6.7788	Caryophyllene Oxide	0.0035230	0.010708	< LOQ	< LOQ
β-Caryophyllene	0.0015834	0.0048095	0.37170	3.7170	Terpinolene	0.0016625	0.0050470	0.0065314	0.065314
Limonene	0.0019396	0.0058585	0.29253	2.9253	Geraniol	0.0017615	0.0053241	< LOQ	< LOQ
Linalool	0.00093023	0.0028303	0.22246	2.2246	Guaiol	0.0013459	0.0040772	ND	ND
Ocimene	0.0036022	0.010905	0.12627	1.2627	cis-Nerolidol 1	0.0015834	0.0048095	ND	ND
α-Humulene	0.0011479	0.0034636	0.11321	1.1321	Isopulegol	0.0012865	0.0038991	ND	ND
β-Pinene	0.0013261	0.0040376	0.051064	0.51064	γ-Terpinene	0.0018209	0.0055418	ND	ND
trans-Nerolidol 2	0.0019198	0.0058189	0.045918	0.45918	Eucalyptol	0.00023751	0.00075210	ND	ND
α-Bisabolol	0.0012865	0.0038991	0.037011	0.37011	p-Cymene	0.00081148	0.0024740	ND	ND
α-Pinene	0.0025136	0.0076002	0.034438	0.34438	α-Terpinene	0.0020584	0.0062147	ND	ND
Camphene	0.0016625	0.0050470	0.010094	0.10094	3-Carene	0.0018407	0.0055814	ND	ND



Report Notes: N/A

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SMITHERS

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Pesticides

Pass

Sample Analysis

Sample Prep Date: 09/17/2026
Sample Analysis Date: 09/18/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Abamectin	0.0318	0.0956	0.0318	ND	Piperonyl butoxide	0.0160	0.0478	0.016	ND
Aldicarb	0.0318	0.0956	0.0318	ND	Pyrethrins	0.00318	0.00956	0.05	ND
Daminozide	0.0318	0.0956	0.0318	ND	Spinosad	0.00318	0.00956	0.02	ND
DDVP (Dichlorvos)	0.00318	0.00956	0.00318	ND	Spirotetramat	0.00160	0.00478	0.01	ND
Diazinon	0.0160	0.0478	0.016	ND	Thiamethoxam	0.00318	0.00956	0.02	ND
Dimethoate	0.0160	0.0478	0.016	ND	Trifloxystrobin	0.00160	0.00478	0.01	ND
Etoxazole	0.0160	0.0478	0.016	ND	Bifenazate	0.0160	0.0478	0.1	ND
Imidacloprid	0.0318	0.0956	0.0318	ND	Cyfluthrin	0.00318	0.00956	0.01	ND
Myclobutanil	0.0160	0.0478	0.016	ND	Flonicamid	0.00318	0.00956	0.03	ND
Paclobutrazol	0.0318	0.0956	0.0318	ND	Fludioxonil	0.00160	0.00478	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis
Sample Prep Date: 09/17/2026
Sample Analysis Date: 09/18/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.15	9.56	20	ND
Aflatoxin B2	3.15	9.56	20	ND
Aflatoxin G1	3.15	9.56	20	ND
Aflatoxin G2	3.15	9.56	20	ND
Total Aflatoxins	3.15	9.56	20	ND
Ochratoxin A	3.15	9.56	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 09/17/2026
Sample Analysis Date: 09/18/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0778	0.232	0.42	ND
Cadmium	0.0485	0.141	0.27	ND
Mercury	0.0586	0.182	0.87	ND
Lead	0.0616	0.182	0.87	ND

Microbial Impurities

Pass

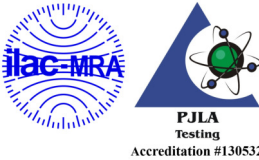
Sample Analysis
Sample Prep Date: 09/15/2026
Sample Analysis Date: 09/18/2026
Analyzed By: Hardy CompactDry Plates | bioMérieux GENE UP PCR
SOP: SOP LAB-04 | SOP Lab-17

Analyte	Limit (cfu/g)	Results (cfu/g)
Total Viable Aerobic Bacteria	100000	100
Total Bile-Tolerant Gram-Negative Bacteria	1000	ND
Total Coliforms	1000	ND
Total Yeast & Mold	50000	13300
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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