



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCP000034-00
Sample ID: 2607ML0798.5365
METRC Sample ID: 1A40703000020D1000068300



SMITHERS

CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 17561

Page 1 of 7

M00001280339: Summer Melon Bulk Vape - No CBD

METRC ID: 1A40703000020D1000068300

METRC Source ID: 1A40703000020D1000068294

Source Batch #: PB0719

Sample Type: Vape

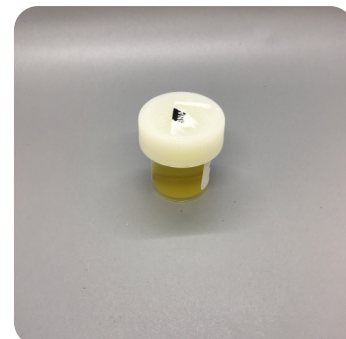
Sample ID: 2607ML0798.5365

Manifest #: 0001453566

Sample Collected: 07/21/2026

Sample Received: 07/21/2026

Report Published: 07/24/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Pass	82.088% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Not Tested	Water Activity Not Tested		
	Terpenes Tested			

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
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Cannabinoid Profile

Tested

Sample Analysis
Sample Prep Date: 07/21/2026
Sample Analysis Date: 07/22/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.051318	0.15542	ND	ND
CBDa	0.099694	0.30399	ND	ND
CBGA	0.022717	0.068806	ND	ND
CBG	0.036446	0.11032	5.7577	57.577
CBD	0.23207	0.7044	ND	ND
THCV	0.16932	0.51341	0.70022	7.0022
CBN	0.14018	0.42602	1.0666	10.666
Δ9-THC	0.22881	0.69296	82.088	820.88
Δ8-THC	0.22881	0.69459	ND	ND
CBC	0.064229	0.19465	0.88892	8.8892
THCa	0.088255	0.26476	ND	ND
Cannabinoid Totals		Results (%)	Results (mg/g)	
Total THC		82.088	820.88	
Total CBD		ND	ND	

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

Report Notes: N/A

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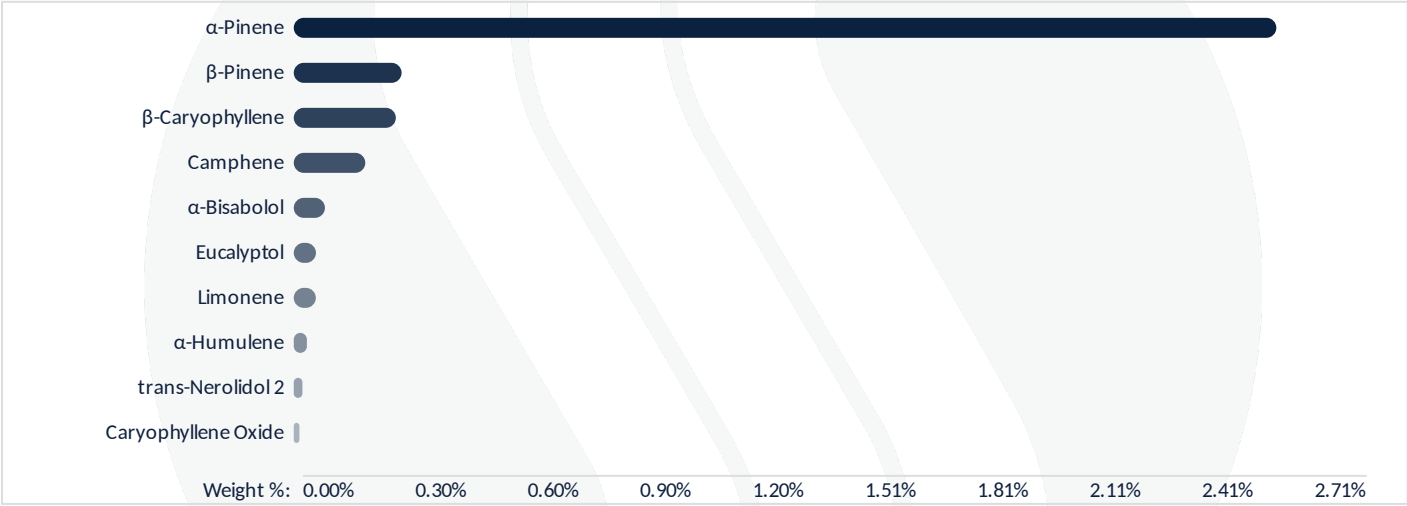
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Terpene Profile

Tested

Sample Analysis
Sample Prep Date: 07/21/2026
Sample Analysis Date: 07/22/2026
Analyzed By: GCMS
SOP: SOP LAB-15

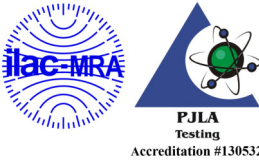
Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
α-Pinene	0.0015338	0.0046377	2.7106	27.106	Linalool	0.00056763	0.0017271	0.011232	0.11232
β-Pinene	0.00080918	0.0024638	0.29746	2.9746	Terpinolene	0.0010145	0.0030797	0.010266	0.10266
β-Caryophyllene	0.00096618	0.0029348	0.28164	2.8164	3-Carene	0.0011232	0.0034058	0.0067633	0.067633
Camphene	0.0010145	0.0030797	0.19734	1.9734	γ-Terpinene	0.0011111	0.0033816	0.0037440	0.037440
α-Bisabolol	0.00078502	0.0023792	0.085990	0.85990	α-Terpinene	0.0012560	0.0037923	< LOQ	< LOQ
Eucalyptol	0.00014493	0.00045894	0.061232	0.61232	Guaiol	0.00082126	0.0024879	ND	ND
Limonene	0.0011836	0.0035749	0.060870	0.60870	cis-Nerolidol 1	0.00096618	0.0029348	ND	ND
α-Humulene	0.00070048	0.0021135	0.036232	0.36232	Geraniol	0.0010749	0.0032488	ND	ND
trans-Nerolidol 2	0.0011715	0.0035507	0.023913	0.23913	Isopulegol	0.00078502	0.0023792	ND	ND
Caryophyllene Oxide	0.0021498	0.0065338	0.015580	0.15580	Ocimene	0.0021981	0.0066546	ND	ND
p-Cymene	0.00049517	0.0015097	0.013043	0.13043	β-Myrcene	0.0012681	0.0038285	ND	ND



Report Notes: N/A

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Pesticides

Pass

Sample Analysis
Sample Prep Date: 07/22/2026
Sample Analysis Date: 07/24/2026
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	0.0357	0.107	0.0357	ND	Piperonyl butoxide	0.0179	0.0535	0.0179	ND
Aldicarb	0.0357	0.107	0.0357	ND	Pyrethrins	0.00357	0.0107	0.05	ND
Daminozide	0.0357	0.107	0.0357	ND	Spinosad	0.00357	0.0107	0.02	ND
DDVP (Dichlorvos)	0.00357	0.0107	0.00357	ND	Spirotetramat	0.00179	0.00535	0.01	ND
Diazinon	0.0179	0.0535	0.0179	ND	Thiamethoxam	0.00357	0.0107	0.02	ND
Dimethoate	0.0179	0.0535	0.0179	ND	Trifloxystrobin	0.00179	0.00535	0.01	ND
Etoxazole	0.0179	0.0535	0.0179	ND	Bifenazate	0.0179	0.0535	0.1	ND
Imidacloprid	0.0357	0.107	0.0357	ND	Cyfluthrin	0.00357	0.0107	0.01	ND
Myclobutanil	0.0179	0.0535	0.0179	ND	Flonicamid	0.00357	0.0107	0.03	ND
Paclobutrazol	0.0357	0.107	0.0357	ND	Fludioxonil	0.00179	0.00535	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis
Sample Prep Date: 07/22/2026
Sample Analysis Date: 07/24/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

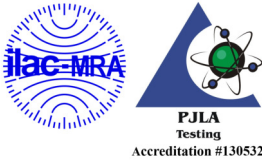
Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.53	10.7	20	ND
Aflatoxin B2	3.53	10.7	20	ND
Aflatoxin G1	3.53	10.7	20	ND
Aflatoxin G2	3.53	10.7	20	ND
Total Aflatoxins	3.53	10.7	20	ND
Ochratoxin A	3.53	10.7	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 07/22/2026
Sample Analysis Date: 07/24/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0906	0.271	0.42	ND
Cadmium	0.0565	0.165	0.27	ND
Mercury	0.0682	0.212	0.87	ND
Lead	0.0718	0.212	0.87	ND

Residual Solvents

Pass

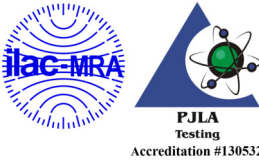
Sample Analysis
Sample Prep Date: 07/22/2026
Sample Analysis Date: 07/23/2026
Analyzed By: Headspace GCMS
SOP: SOP LAB-10

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Acetone	1.73	5.20	5000	ND
n-Butane	1.73	5.20	5000	ND
Ethanol	1.73	5.20	5000	10.2
Heptanes	1.73	5.20	5000	ND
n-Hexane	0.104	0.312	290	ND
Isopropanol	1.73	5.20	5000	ND
Pentane	1.73	5.20	5000	ND
Propane	1.73	5.20	5000	ND
Xylenes	0.748	2.27	2170	ND
Benzene	0.000686	0.00208	2	ND
Isobutane	1.73	5.20	5000	ND

Report Notes: N/A

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Microbial Impurities

Pass

Sample Analysis
Sample Prep Date: 07/21/2026
Sample Analysis Date: 07/24/2026
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	10000	ND
Total Bile-Tolerant Gram-Negative Bacteria	100	ND
Total Coliforms	100	ND
Total Yeast & Mold	1000	ND
E.coli	Detected	Not Detected
Salmonella spp.	Detected	Not Detected

Report Notes: N/A

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