



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCC000033-00
Sample ID: 2606ML0594.3964
METRC Sample ID: 1A40703000020D2000000170



SMITHERS

CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 16058

Page 1 of 6

M00001335608: Melonade Bulk Flower

METRC ID: 1A40703000020D2000000170

METRC Source ID: 1A40703000020D2000000165

Source Batch #: Melonade 5-12-26

Sample Type: Flower - Cured

Strain: Melonade #8

Sample ID: 2606ML0594.3964

Manifest #: 0001430443

Sample Collected: 06/04/2026

Sample Received: 06/04/2026

Report Published: 06/09/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	24.631% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (14.1%)	Water Activity Tested (0.521 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: 06/08/2026
Sample Analysis Date: 06/09/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.023712	0.071816	ND	ND
CBDa	0.046065	0.14046	ND	ND
CBGA	0.010497	0.031792	1.2454	12.454
CBG	0.01684	0.050974	ND	ND
CBD	0.10724	0.32548	ND	ND
THCV	0.07023	0.21296	ND	ND
CBN	0.058148	0.17671	ND	ND
Δ9-THC	0.10572	0.32019	0.42087	4.2087
Δ8-THC	0.10572	0.32095	ND	ND
CBC	0.029678	0.08994	ND	ND
THCa	0.040779	0.12234	27.606	276.06
Cannabinoid Totals		Limit (%)	Results (%)	Results (mg/g)
Total THC		N/A	24.631	246.31
Total CBD		N/A	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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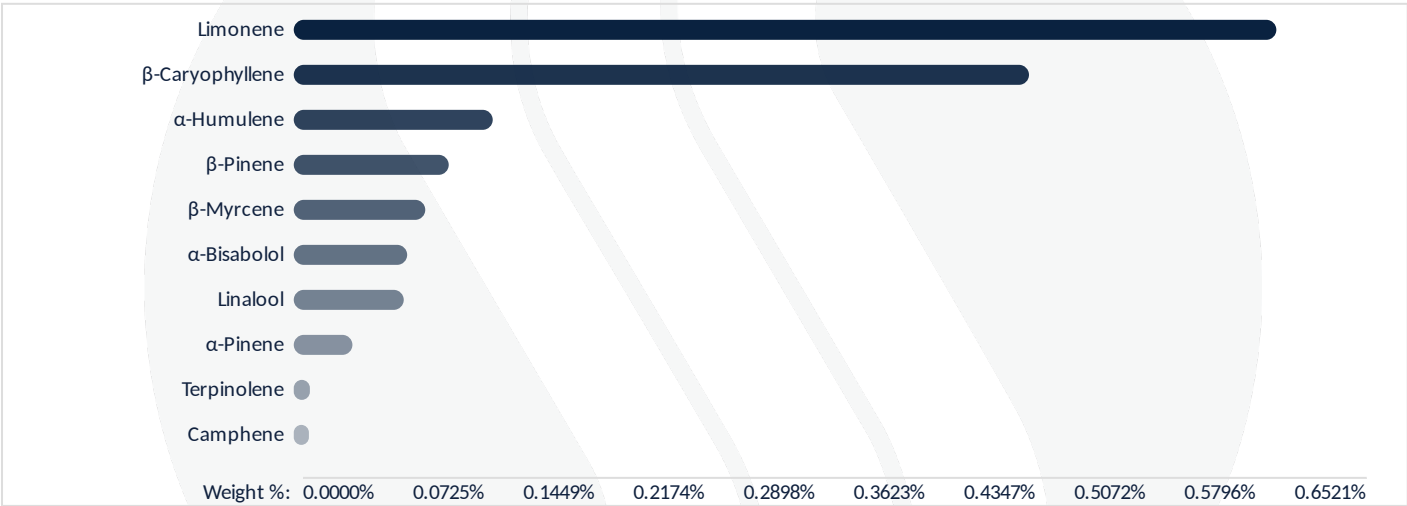
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Terpene Profile

Tested

Sample Analysis
Sample Prep Date: 06/08/2026
Sample Analysis Date: 06/09/2026
Analyzed By: GCMS
SOP: SOP LAB-15

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
Limonene	0.0031792	0.0096026	0.65207	6.5207	Guaiol	0.0022060	0.0066829	ND	ND
β-Caryophyllene	0.0025953	0.0078832	0.48792	4.8792	trans-Nerolidol 2	0.0031468	0.0095377	ND	ND
α-Humulene	0.0018816	0.0056772	0.13204	1.3204	cis-Nerolidol 1	0.0025953	0.0078832	ND	ND
β-Pinene	0.0021736	0.0066180	0.10284	1.0284	Geraniol	0.0028873	0.0087267	ND	ND
β-Myrcene	0.0034063	0.010284	0.087267	0.87267	Isopulegol	0.0021087	0.0063909	ND	ND
α-Bisabolol	0.0021087	0.0063909	0.075264	0.75264	γ-Terpinene	0.0029846	0.0090835	ND	ND
Linalool	0.0015247	0.0046391	0.072993	0.72993	Eucalyptol	0.00038929	0.0012328	ND	ND
α-Pinene	0.0041200	0.012457	0.038929	0.38929	p-Cymene	0.0013301	0.0040552	ND	ND
Terpinolene	0.0027251	0.0082725	0.010706	0.10706	Ocimene	0.0059043	0.017875	ND	ND
Camphene	0.0027251	0.0082725	0.010057	0.10057	α-Terpinene	0.0033739	0.010187	ND	ND
Caryophyllene Oxide	0.0057745	0.017551	ND	ND	3-Carene	0.0030170	0.0091484	ND	ND



Report Notes: N/A

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Pesticides

Pass

Sample Analysis
Sample Prep Date: 06/08/2026
Sample Analysis Date: 06/09/2026
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	0.0312	0.0937	0.0312	ND	Piperonyl butoxide	0.0157	0.0469	0.0157	ND
Aldicarb	0.0312	0.0937	0.0312	ND	Pyrethrins	0.00312	0.00937	0.05	ND
Daminozide	0.0312	0.0937	0.0312	ND	Spinosad	0.00312	0.00937	0.02	ND
DDVP (Dichlorvos)	0.00312	0.00937	0.00312	ND	Spirotetramat	0.00157	0.00469	0.01	ND
Diazinon	0.0157	0.0469	0.0157	ND	Thiamethoxam	0.00312	0.00937	0.02	ND
Dimethoate	0.0157	0.0469	0.0157	ND	Trifloxystrobin	0.00157	0.00469	0.01	ND
Etoxazole	0.0157	0.0469	0.0157	ND	Bifenazate	0.0157	0.0469	0.1	ND
Imidacloprid	0.0312	0.0937	0.0312	ND	Cyfluthrin	0.00312	0.00937	0.01	ND
Myclobutanil	0.0157	0.0469	0.0157	ND	Flonicamid	0.00312	0.00937	0.03	ND
Paclobutrazol	0.0312	0.0937	0.0312	ND	Fludioxonil	0.00157	0.00469	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis
Sample Prep Date: 06/08/2026
Sample Analysis Date: 06/09/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.09	9.37	20	ND
Aflatoxin B2	3.09	9.37	20	ND
Aflatoxin G1	3.09	9.37	20	ND
Aflatoxin G2	3.09	9.37	20	ND
Total Aflatoxins	3.09	9.37	20	ND
Ochratoxin A	3.09	9.37	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 06/08/2026
Sample Analysis Date: 06/09/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0683	0.204	0.42	ND
Cadmium	0.0426	0.124	0.27	ND
Mercury	0.0515	0.160	0.87	ND
Lead	0.0541	0.160	0.87	ND

Microbial Impurities

Pass

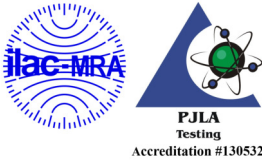
Sample Analysis
Sample Prep Date: 06/04/2026
Sample Analysis Date: 06/07/2026
Analyzed By: Hardy CompactDry Plates
SOP: SOP LAB-04

Analyte	Limit (cfu/g)	Results (cfu/g)
Total Viable Aerobic Bacteria	100000	125
Total Bile-Tolerant Gram-Negative Bacteria	1000	ND
Total Coliforms	1000	ND
Total Yeast & Mold	50000	1262
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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