



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCC000033-00
Sample ID: 2607ML0764.5145
METRC Sample ID: 1A40703000020D2000000399



CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 17377

Page 1 of 6

M00001303258: B52 Bomber Bulk Flower

METRC ID: 1A40703000020D2000000399

METRC Source ID: 1A40703000020D2000000391

Source Batch #: B52 Bomber 6-23-26

Sample Type: Flower - Cured

Strain: B52 Bomber

Sample ID: 2607ML0764.5145

Manifest #: 0001449940

Sample Collected: 07/14/2026

Sample Received: 07/14/2026

Report Published: 07/21/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	20.287% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (13.9%)	Water Activity Tested (0.560 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: 07/20/2026
Sample Analysis Date: 07/21/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.02571	0.077865	ND	ND
CBDa	0.049945	0.15229	ND	ND
CBGA	0.011381	0.03447	0.71511	7.1511
CBG	0.017187	0.052024	0.17019	1.7019
CBD	0.11627	0.35289	ND	ND
THCV	0.076146	0.23089	ND	ND
CBN	0.063045	0.19159	ND	ND
Δ9-THC	0.11463	0.34716	1.0818	10.818
Δ8-THC	0.11463	0.34798	ND	ND
CBC	0.032178	0.097516	ND	ND
THCa	0.044214	0.13264	21.899	218.99

Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	20.287	202.87
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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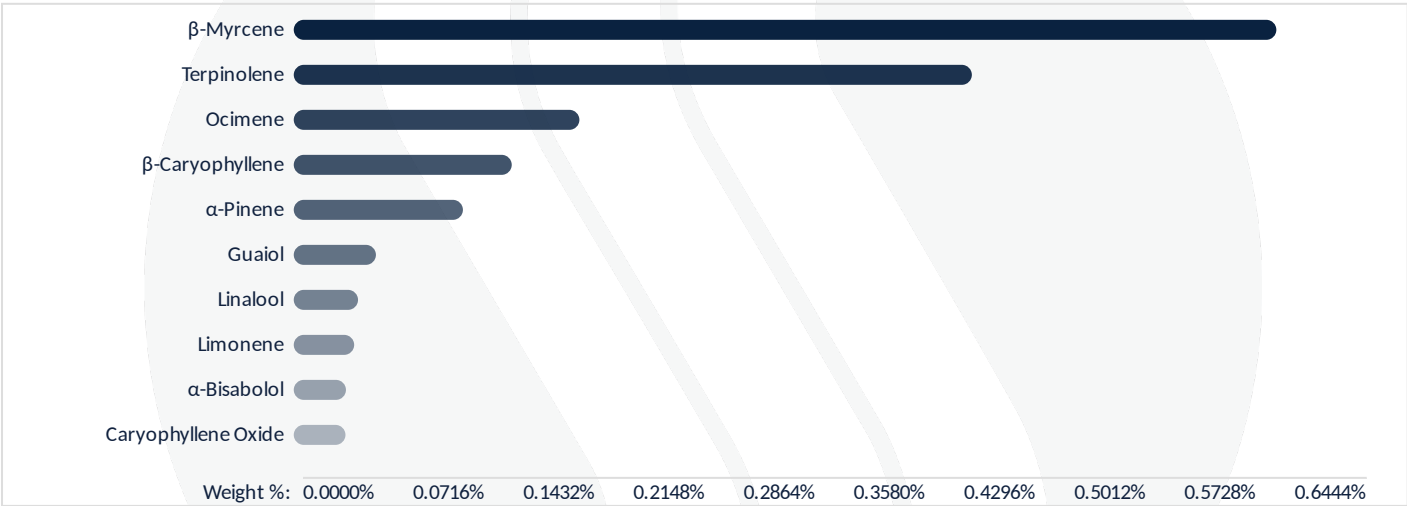
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Terpene Profile

Tested

Sample Analysis
Sample Prep Date: 07/17/2026
Sample Analysis Date: 07/20/2026
Analyzed By: GCMS
SOP: SOP LAB-15

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
β-Myrcene	0.0033281	0.010048	0.64437	6.4437	3-Carene	0.0029477	0.0089382	0.014263	0.14263
Terpinolene	0.0026624	0.0080824	0.44469	4.4469	trans-Nerolidol 2	0.0030745	0.0093185	ND	ND
Ocimene	0.0057686	0.017464	0.18732	1.8732	cis-Nerolidol 1	0.0025357	0.0077021	ND	ND
β-Caryophyllene	0.0025357	0.0077021	0.14295	1.4295	α-Humulene	0.0018384	0.0055468	ND	ND
α-Pinene	0.0040254	0.012171	0.11094	1.1094	Geraniol	0.0028209	0.0085261	ND	ND
Guaiol	0.0021553	0.0065293	0.053883	0.53883	Isopulegol	0.0020602	0.0062441	ND	ND
Linalool	0.0014897	0.0045325	0.042155	0.42155	γ-Terpinene	0.0029160	0.0088748	ND	ND
Limonene	0.0031062	0.0093819	0.039620	0.39620	Eucalyptol	0.00038035	0.0012044	ND	ND
α-Bisabolol	0.0020602	0.0062441	0.034231	0.34231	p-Cymene	0.0012995	0.0039620	ND	ND
Caryophyllene Oxide	0.0056418	0.017147	0.033914	0.33914	β-Pinene	0.0021236	0.0064659	ND	ND
α-Terpinene	0.0032964	0.0099525	0.014263	0.14263	Camphene	0.0026624	0.0080824	ND	ND



Report Notes: N/A

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Pesticides

Pass

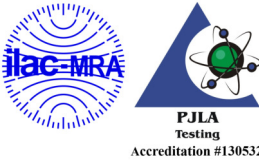
Sample Analysis
Sample Prep Date: 07/17/2026
Sample Analysis Date: 07/20/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Abamectin	0.0315	0.0945	0.0315	ND	Piperonyl butoxide	0.0158	0.0473	0.0158	ND
Aldicarb	0.0315	0.0945	0.0315	ND	Pyrethrins	0.00315	0.00945	0.05	ND
Daminozide	0.0315	0.0945	0.0315	ND	Spinosad	0.00315	0.00945	0.02	ND
DDVP (Dichlorvos)	0.00315	0.00945	0.00315	ND	Spirotetramat	0.00158	0.00473	0.01	ND
Diazinon	0.0158	0.0473	0.0158	ND	Thiamethoxam	0.00315	0.00945	0.02	ND
Dimethoate	0.0158	0.0473	0.0158	ND	Trifloxystrobin	0.00158	0.00473	0.01	ND
Etoxazole	0.0158	0.0473	0.0158	ND	Bifenazate	0.0158	0.0473	0.1	ND
Imidacloprid	0.0315	0.0945	0.0315	ND	Cyfluthrin	0.00315	0.00945	0.01	ND
Myclobutanil	0.0158	0.0473	0.0158	ND	Flonicamid	0.00315	0.00945	0.03	ND
Paclobutrazol	0.0315	0.0945	0.0315	ND	Fludioxonil	0.00158	0.00473	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis
Sample Prep Date: 07/17/2026
Sample Analysis Date: 07/20/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

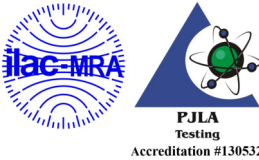
Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.12	9.45	20	ND
Aflatoxin B2	3.12	9.45	20	ND
Aflatoxin G1	3.12	9.45	20	ND
Aflatoxin G2	3.12	9.45	20	ND
Total Aflatoxins	3.12	9.45	20	ND
Ochratoxin A	3.12	9.45	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 07/17/2026
Sample Analysis Date: 07/20/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0933	0.279	0.42	ND
Cadmium	0.0582	0.170	0.27	ND
Mercury	0.0703	0.218	0.87	ND
Lead	0.0739	0.218	0.87	ND

Microbial Impurities

Pass

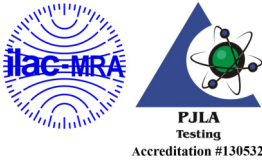
Sample Analysis
Sample Prep Date: 07/14/2026
Sample Analysis Date: 07/17/2026
Analyzed By: Hardy CompactDry Plates | bioMérieux GENE UP PCR
SOP: SOP LAB-04 | SOP Lab-17

Analyte	Limit (cfu/g)	Results (cfu/g)
Total Viable Aerobic Bacteria	100000	ND
Total Bile-Tolerant Gram-Negative Bacteria	1000	ND
Total Coliforms	1000	ND
Total Yeast & Mold	50000	959
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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