



Mother Grows Best
 1851 Steinway Blvd. SE
 Canton, OH 44707
 License #: CCP000034-00
 Sample ID: 2605ML0541.3596
 METRC Sample ID: 1A40703000020D1000051806



CERTIFICATE OF ANALYSIS
 Laboratory License #: CCL000012-00

Certificate: 15643

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M0001250022: B52 Bomber GRND

METRC ID: 1A40703000020D1000051806
 METRC Source ID: 1A40703000020D1000051805
 Source Batch #: B52 Bulk GRND 5-21-26
 Sample Type: Flower - Cured
 Strain: B52 Bomber

Sample ID: 2605ML0541.3596
 Manifest #: 0001424272
 Sample Collected: 05/21/2026
 Sample Received: 05/21/2026
 Report Published: 05/26/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	19.036% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (11.5%)	Water Activity Tested (0.547 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: 05/22/2026
 Sample Analysis Date: 05/26/2026
 Analyzed By: HPLC-DAD
 SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.023981	0.07263	ND	ND
CBDa	0.046587	0.14205	ND	ND
CBGA	0.010616	0.032152	0.6763	6.763
CBG	0.017031	0.051552	ND	ND
CBD	0.10845	0.32917	ND	ND
THCV	0.071026	0.21536	ND	ND
CBN	0.058807	0.17871	ND	ND
Δ9-THC	0.10692	0.32382	0.88059	8.8059
Δ8-THC	0.10692	0.32458	ND	ND
CBC	0.030014	0.09096	ND	ND
THCa	0.041241	0.12372	20.702	207.02

Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	19.036	190.36
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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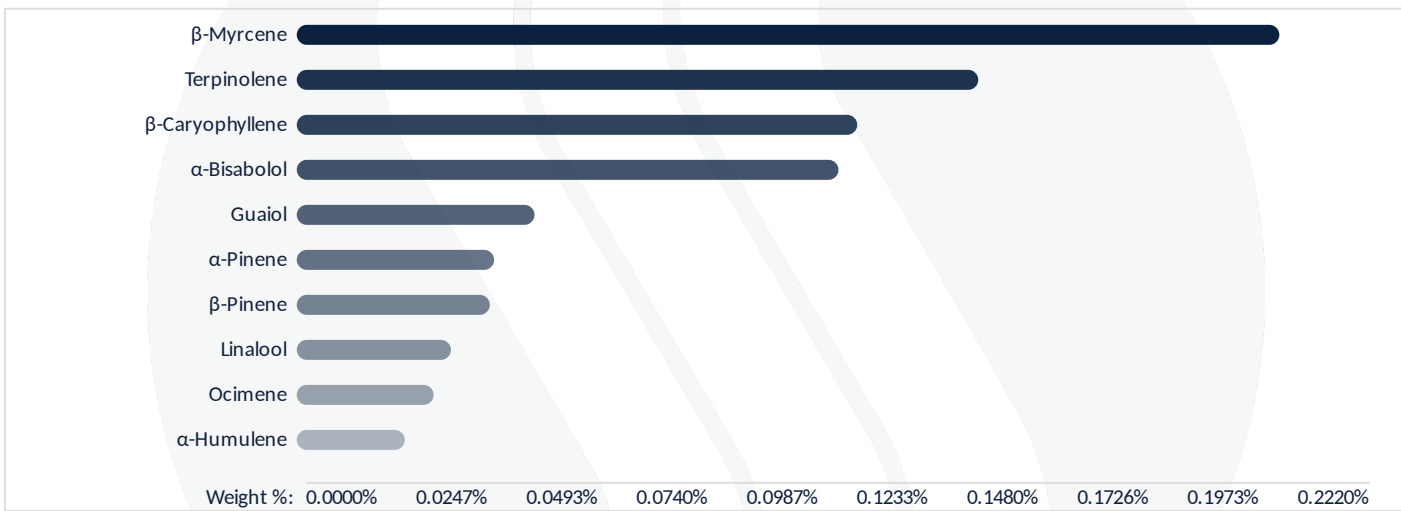
Terpene Profile

Tested

Sample Analysis

Sample Prep Date: 05/22/2026
 Sample Analysis Date: 05/26/2026
 Analyzed By: GCMS
 SOP: SOP LAB-15

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
β-Myrcene	0.0034174	0.010317	0.22197	2.2197	Limonene	0.0031896	0.0096338	ND	ND
Terpinolene	0.0027339	0.0082994	0.15395	1.5395	trans-Nerolidol 2	0.0031570	0.0095688	ND	ND
β-Caryophyllene	0.0026037	0.0079089	0.12661	1.2661	cis-Nerolidol 1	0.0026037	0.0079089	ND	ND
α-Bisabolol	0.0021155	0.0064117	0.12238	1.2238	Geraniol	0.0028967	0.0087551	ND	ND
Guaiol	0.0022132	0.0067046	0.053702	0.53702	Isopulegol	0.0021155	0.0064117	ND	ND
α-Pinene	0.0041334	0.012498	0.044589	0.44589	γ-Terpinene	0.0029943	0.0091131	ND	ND
β-Pinene	0.0021806	0.0066395	0.043613	0.43613	Eucalyptol	0.00039056	0.0012368	ND	ND
Linalool	0.0015297	0.0046542	0.034825	0.34825	p-Cymene	0.0013344	0.0040683	ND	ND
Ocimene	0.0059235	0.017933	0.030919	0.30919	α-Terpinene	0.0033849	0.010220	ND	ND
α-Humulene	0.0018877	0.0056957	0.024410	0.24410	3-Carene	0.0030269	0.0091782	ND	ND
Caryophyllene Oxide	0.0057933	0.017608	0.020830	0.20830	Camphene	0.0027339	0.0082994	ND	ND



Report Notes: N/A

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Pesticides

Pass

Sample Analysis

Sample Prep Date: 05/22/2026
 Sample Analysis Date: 05/26/2026
 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	0.0955	0.0318	ND	Piperonyl butoxide	0.0160	0.0478	0.016	ND
Aldicarb	0.0318	0.0955	0.0318	ND	Pyrethrins	0.00318	0.00955	0.05	ND
Daminozide	0.0318	0.0955	0.0318	ND	Spinosad	0.00318	0.00955	0.02	ND
DDVP (Dichlorvos)	0.00318	0.00955	0.00318	ND	Spirotetramat	0.00160	0.00478	0.01	ND
Diazinon	0.0160	0.0478	0.016	ND	Thiamethoxam	0.00318	0.00955	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	0.0955	0.0318	ND	Cyfluthrin	0.00318	0.00955	0.01	ND
Myclobutanil	0.0160	0.0478	0.016	ND	Flonicamid	0.00318	0.00955	0.03	ND
Paclobutrazol	0.0318	0.0955	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: 05/22/2026
 Sample Analysis Date: 05/26/2026
 Analyzed By: LC-MS/MS
 SOP: LAB SOP-08

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.15	9.55	20	ND
Aflatoxin B2	3.15	9.55	20	ND
Aflatoxin G1	3.15	9.55	20	ND
Aflatoxin G2	3.15	9.55	20	ND
Total Aflatoxins	3.15	9.55	20	ND
Ochratoxin A	3.15	9.55	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis

Sample Prep Date: 05/22/2026
 Sample Analysis Date: 05/22/2026
 Analyzed By: ICP-MS
 SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0879	0.263	0.42	ND
Cadmium	0.0548	0.160	0.27	ND
Mercury	0.0662	0.206	0.87	ND
Lead	0.0697	0.206	0.87	ND

Microbial Impurities

Pass

Sample Analysis

Sample Prep Date: 05/21/2026
 Sample Analysis Date: 05/24/2026
 Analyzed By: Hardy CompactDry Plates
 SOP: SOP LAB-04

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	ND
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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