



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCP000034-00
Sample ID: 2607ML0832.5576
METRC Sample ID: 1A40703000020D1000068365



SMITHERS

CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 17771

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M00001250022: B52 Bomber GRND

METRC ID: 1A40703000020D1000068365

Sample ID: 2607ML0832.5576

METRC Source ID: 1A40703000020D1000068364

Manifest #: 0001457171

Source Batch #: Tech Solution: Rad Source - 420 XL - 7/23/2026

Sample Collected: 07/28/2026

Sample Type: Flower - Cured

Sample Received: 07/28/2026

Strain: B52 Bomber

Report Published: 07/31/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	26.279% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (12.9%)	Water Activity Tested (0.555 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: 07/29/2026
Sample Analysis Date: 07/30/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.028641	0.086744	ND	ND
CBDa	0.055639	0.16966	ND	ND
CBGA	0.012679	0.038401	0.88129	8.8129
CBG	0.02034	0.061568	ND	ND
CBD	0.12952	0.39312	ND	ND
THCV	0.084828	0.25722	ND	ND
CBN	0.070234	0.21344	ND	ND
Δ9-THC	0.1277	0.38674	1.7642	17.642
Δ8-THC	0.1277	0.38766	ND	ND
CBC	0.035846	0.10864	ND	ND
THCa	0.049255	0.14776	27.953	279.53
Cannabinoid Totals		Limit (%)	Results (%)	Results (mg/g)
Total THC		N/A	26.279	262.79
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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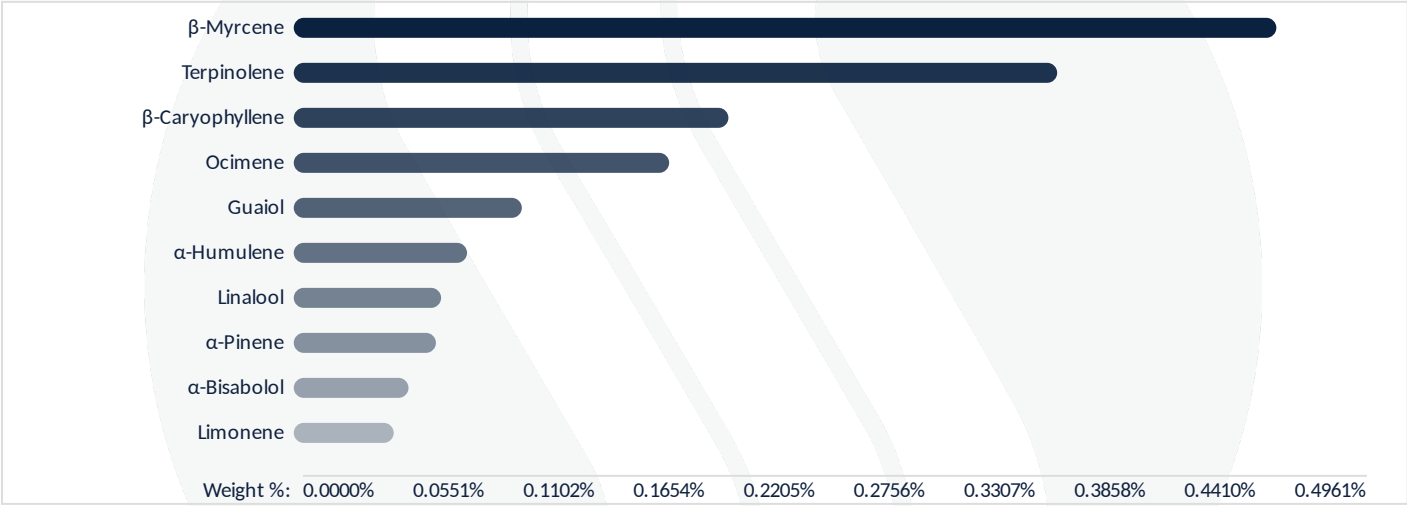
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Terpene Profile

Tested

Sample Analysis
Sample Prep Date: 07/29/2026
Sample Analysis Date: 07/30/2026
Analyzed By: GCMS
SOP: SOP LAB-15

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
β-Myrcene	0.0039252	0.011850	0.49607	4.9607	Caryophyllene Oxide	0.0066542	0.020224	0.040000	0.40000
Terpinolene	0.0031402	0.0095327	0.38542	3.8542	3-Carene	0.0034766	0.010542	0.014206	0.14206
β-Caryophyllene	0.0029907	0.0090841	0.21944	2.1944	α-Terpinene	0.0038879	0.011738	0.013084	0.13084
Ocimene	0.0068037	0.020598	0.18953	1.8953	trans-Nerolidol 2	0.0036262	0.010991	ND	ND
Guaiol	0.0025421	0.0077009	0.11514	1.1514	cis-Nerolidol 1	0.0029907	0.0090841	ND	ND
α-Humulene	0.0021682	0.0065421	0.087477	0.87477	Geraniol	0.0033271	0.010056	ND	ND
Linalool	0.0017570	0.0053458	0.074393	0.74393	Isopulegol	0.0024299	0.0073645	ND	ND
α-Pinene	0.0047477	0.014355	0.071776	0.71776	γ-Terpinene	0.0034393	0.010467	ND	ND
α-Bisabolol	0.0024299	0.0073645	0.057944	0.57944	Eucalyptol	0.00044860	0.0014206	ND	ND
Limonene	0.0036636	0.011065	0.050467	0.50467	p-Cymene	0.0015327	0.0046729	ND	ND
β-Pinene	0.0025047	0.0076262	0.049720	0.49720	Camphene	0.0031402	0.0095327	ND	ND



Report Notes: N/A

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Pesticides

Pass

Sample Analysis

Sample Prep Date: 07/29/2026
Sample Analysis Date: 07/31/2026
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	0.0343	0.103	0.0343	ND	Piperonyl butoxide	0.0172	0.0515	0.0172	ND
Aldicarb	0.0343	0.103	0.0343	ND	Pyrethrins	0.00343	0.0103	0.05	ND
Daminozide	0.0343	0.103	0.0343	ND	Spinosad	0.00343	0.0103	0.02	ND
DDVP (Dichlorvos)	0.00343	0.0103	0.00343	ND	Spirotetramat	0.00172	0.00515	0.01	ND
Diazinon	0.0172	0.0515	0.0172	ND	Thiamethoxam	0.00343	0.0103	0.02	ND
Dimethoate	0.0172	0.0515	0.0172	ND	Trifloxystrobin	0.00172	0.00515	0.01	ND
Etoxazole	0.0172	0.0515	0.0172	ND	Bifenazate	0.0172	0.0515	0.1	ND
Imidacloprid	0.0343	0.103	0.0343	ND	Cyfluthrin	0.00343	0.0103	0.01	ND
Myclobutanil	0.0172	0.0515	0.0172	ND	Flonicamid	0.00343	0.0103	0.03	ND
Paclobutrazol	0.0343	0.103	0.0343	ND	Fludioxonil	0.00172	0.00515	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

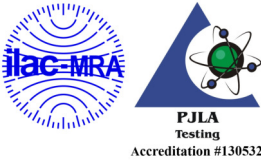
Sample Analysis
Sample Prep Date: 07/29/2026
Sample Analysis Date: 07/31/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.40	10.3	20	ND
Aflatoxin B2	3.40	10.3	20	ND
Aflatoxin G1	3.40	10.3	20	ND
Aflatoxin G2	3.40	10.3	20	ND
Total Aflatoxins	3.40	10.3	20	ND
Ochratoxin A	3.40	10.3	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 07/29/2026
Sample Analysis Date: 07/30/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0767	0.229	0.42	ND
Cadmium	0.0478	0.139	0.27	ND
Mercury	0.0578	0.179	0.87	ND
Lead	0.0608	0.179	0.87	ND

Microbial Impurities

Pass

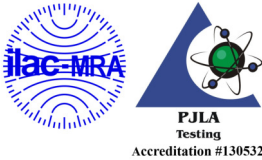
Sample Analysis
Sample Prep Date: 07/28/2026
Sample Analysis Date: 07/31/2026
Analyzed By: Hardy CompactDry Plates | bioMérieux GENE UP PCR
SOP: SOP LAB-04 | SOP Lab-17

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	ND
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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