



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCP000034-00
Sample ID: 2605ML0470.3187
METRC Sample ID: 1A40703000020D1000051649



CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 15197

Page 1 of 6

M00001338318: Bulk Shake - Hybrid - 25.7 - Motorbreath - Savvy - Ground Flower

METRC ID: 1A40703000020D1000051649
METRC Source ID: 1A40703000020D1000051648
Source Batch #: Motorbreath bulk GRND 5-4-2026
Sample Type: Ground Flower
Strain: Motor Breath

Sample ID: 2605ML0470.3187
Manifest #: 0001416549
Sample Collected: 05/05/2026
Sample Received: 05/05/2026
Report Published: 05/08/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	27.176% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (12.8%)	Water Activity Tested (0.428 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

Jen Bodine

Lab Director

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: 05/06/2026
Sample Analysis Date: 05/07/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.026771	0.08108	ND	ND
CBDa	0.052008	0.15858	ND	ND
CBGA	0.011851	0.035893	0.87546	8.7546
CBG	0.019012	0.057549	0.2294	2.294
CBD	0.12106	0.36746	ND	ND
THCV	0.07929	0.24043	ND	ND
CBN	0.065648	0.1995	ND	ND
Δ9-THC	0.11936	0.36149	1.7168	17.168
Δ8-THC	0.11936	0.36234	ND	ND
CBC	0.033506	0.10154	ND	ND
THCa	0.04604	0.13811	29.03	290.3

Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	27.176	271.76
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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Page 3 of 6

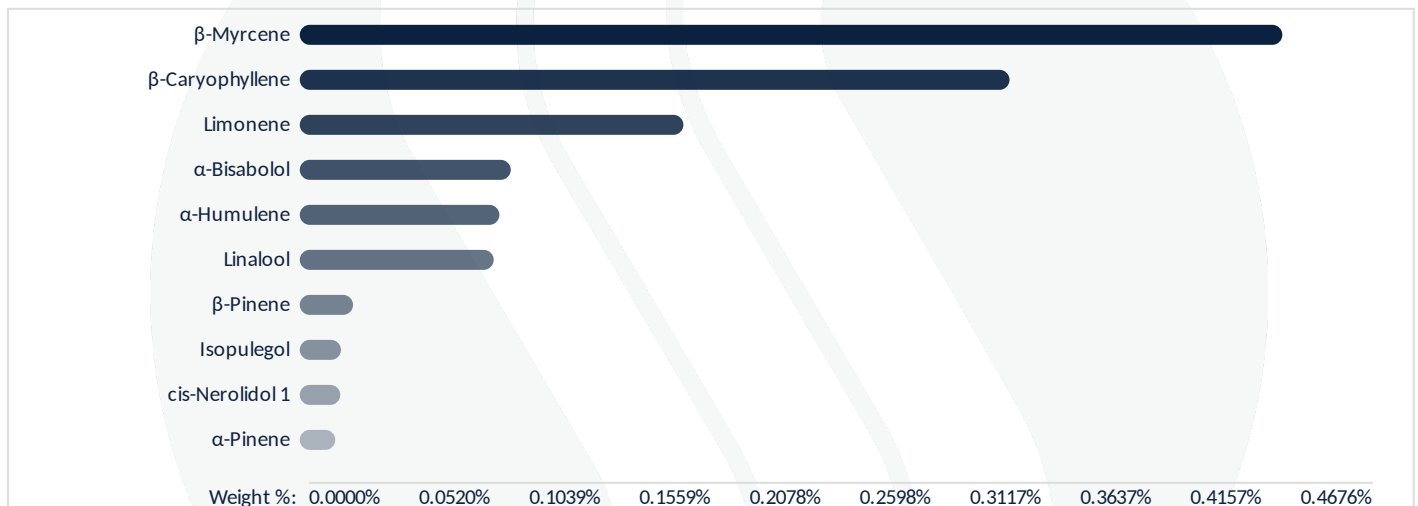
Terpene Profile

Tested

Sample Analysis

Sample Prep Date: 05/06/2026
Sample Analysis Date: 05/08/2026
Analyzed By: GCMS
SOP: SOP LAB-15

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
β-Myrcene	0.0035503	0.010719	0.46762	4.6762	Geraniol	0.0030093	0.0090955	< LOQ	< LOQ
β-Caryophyllene	0.0027050	0.0082164	0.33779	3.3779	Guaiol	0.0022992	0.0069653	ND	ND
Limonene	0.0033136	0.010008	0.18259	1.8259	trans-Nerolidol 2	0.0032798	0.0099408	ND	ND
α-Bisabolol	0.0021978	0.0066610	0.10042	1.0042	Terpinolene	0.0028402	0.0086221	ND	ND
α-Humulene	0.0019611	0.0059172	0.095013	0.95013	γ-Terpinene	0.0031107	0.0094675	ND	ND
Linalool	0.0015892	0.0048352	0.092308	0.92308	Eucalyptol	0.00040575	0.0012849	ND	ND
β-Pinene	0.0022654	0.0068977	0.025359	0.25359	p-Cymene	0.0013863	0.0042265	ND	ND
Isopulegol	0.0021978	0.0066610	0.019611	0.19611	Ocimene	0.0061538	0.018631	ND	ND
cis-Nerolidol 1	0.0027050	0.0082164	0.019273	0.19273	α-Terpinene	0.0035165	0.010617	ND	ND
α-Pinene	0.0042942	0.012984	0.016906	0.16906	3-Carene	0.0031445	0.0095351	ND	ND
Caryophyllene Oxide	0.0060186	0.018292	< LOQ	< LOQ	Camphene	0.0028402	0.0086221	ND	ND



Report Notes: N/A

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Pesticides

Pass

Sample Analysis
Sample Prep Date: 05/06/2026
Sample Analysis Date: 05/08/2026
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	0.0348	0.104	0.0348	ND	Piperonyl butoxide	0.0174	0.0522	0.0174	ND
Aldicarb	0.0348	0.104	0.0348	ND	Pyrethrins	0.00348	0.0104	0.05	ND
Daminozide	0.0348	0.104	0.0348	ND	Spinosad	0.00348	0.0104	0.02	ND
DDVP (Dichlorvos)	0.00348	0.0104	0.00348	ND	Spirotetramat	0.00174	0.00522	0.01	ND
Diazinon	0.0174	0.0522	0.0174	ND	Thiamethoxam	0.00348	0.0104	0.02	ND
Dimethoate	0.0174	0.0522	0.0174	ND	Trifloxystrobin	0.00174	0.00522	0.01	ND
Etoxazole	0.0174	0.0522	0.0174	ND	Bifenazate	0.0174	0.0522	0.1	ND
Imidacloprid	0.0348	0.104	0.0348	ND	Cyfluthrin	0.00348	0.0104	0.01	ND
Myclobutanil	0.0174	0.0522	0.0174	ND	Flonicamid	0.00348	0.0104	0.03	ND
Paclobutrazol	0.0348	0.104	0.0348	ND	Fludioxonil	0.00174	0.00522	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis
Sample Prep Date: 05/06/2026
Sample Analysis Date: 05/08/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

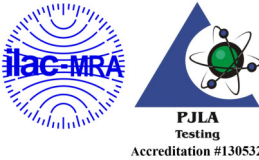
Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.44	10.4	20	ND
Aflatoxin B2	3.44	10.4	20	ND
Aflatoxin G1	3.44	10.4	20	ND
Aflatoxin G2	3.44	10.4	20	ND
Total Aflatoxins	3.44	10.4	20	ND
Ochratoxin A	3.44	10.4	20	ND

Report Notes: N/A

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Page 6 of 6

Heavy Metals

Pass

Sample Analysis

Sample Prep Date: 05/07/2026
Sample Analysis Date: 05/08/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0935	0.279	0.42	ND
Cadmium	0.0583	0.170	0.27	ND
Mercury	0.0705	0.219	0.87	ND
Lead	0.0741	0.219	0.87	ND

Microbial Impurities

Pass

Sample Analysis

Sample Prep Date: 05/05/2026
Sample Analysis Date: 05/08/2026
Analyzed By: Hardy CompactDry Plates
SOP: SOP LAB-04

Analyte	Limit (cfu/g)	Results (cfu/g)
Total Viable Aerobic Bacteria	100000	1872
Total Bile-Tolerant Gram-Negative Bacteria	1000	215
Total Coliforms	1000	330
Total Yeast & Mold	50000	110
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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