



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCP000034-00
Sample ID: 2604ML0398.2695
METRC Sample ID: 1A40703000020D1000051539



CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 14713

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M00001332542: Bulk Raw SSU - Hybrid - 21 - Purpentine - .5g

METRC ID: 1A40703000020D1000051539

METRC Source ID: 1A40703000020D1000051538

Source Batch #: Purpentine .5g 4-16-26

Sample Type: Raw Single Serving Unit

Strain: Purpentine

Sample ID: 2604ML0398.2695

Manifest #: 0001409504

Sample Collected: 04/16/2026

Sample Received: 04/16/2026

Report Published: 04/20/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	23.994% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (11.0%)	Water Activity Tested (0.503 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: 04/17/2026
Sample Analysis Date: 04/20/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.022682	0.068698	ND	ND
CBDa	0.040211	0.12261	ND	ND
CBGA	0.010041	0.030412	1.66	16.6
CBG	0.016109	0.04876	0.37701	3.7701
CBD	0.10258	0.31134	ND	ND
THCV	0.06718	0.2037	ND	ND
CBN	0.055622	0.16904	ND	ND
Δ9-THC	0.10113	0.30629	2.028	20.28
Δ8-THC	0.10113	0.30701	ND	ND
CBC	0.028389	0.086034	ND	ND
THCa	0.039008	0.11702	25.047	250.47

Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	23.994	239.94
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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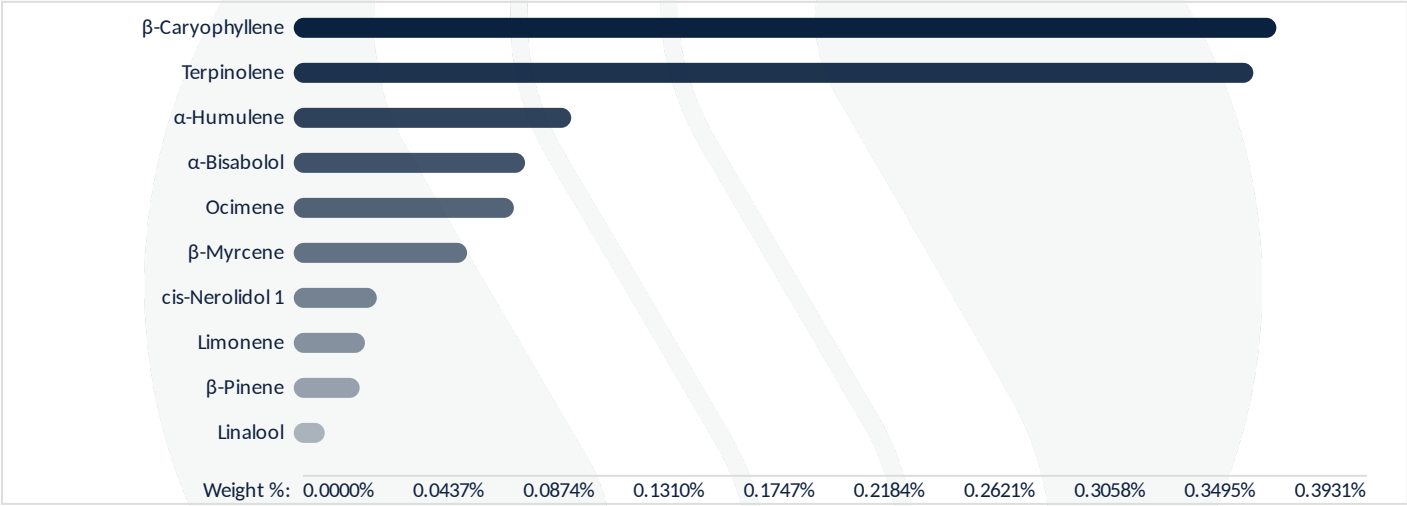
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Terpene Profile

Tested

Sample Analysis
Sample Prep Date: 04/17/2026
Sample Analysis Date: 04/20/2026
Analyzed By: GCMS
SOP: SOP LAB-15

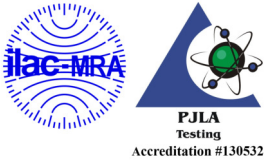
Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
β-Caryophyllene	0.0021094	0.0064074	0.39314	3.9314	γ-Terpinene	0.0024258	0.0073830	0.011866	0.11866
Terpinolene	0.0022149	0.0067238	0.38392	3.8392	3-Carene	0.0024522	0.0074357	0.010547	0.10547
α-Humulene	0.0015293	0.0046144	0.11101	1.1101	p-Cymene	0.0010811	0.0032960	< LOQ	< LOQ
α-Bisabolol	0.0017139	0.0051945	0.092551	0.92551	Caryophyllene Oxide	0.0046935	0.014265	ND	ND
Ocimene	0.0047989	0.014529	0.088069	0.88069	Guaiol	0.0017930	0.0054318	ND	ND
β-Myrcene	0.0027686	0.0083586	0.069347	0.69347	trans-Nerolidol 2	0.0025577	0.0077521	ND	ND
cis-Nerolidol 1	0.0021094	0.0064074	0.033223	0.33223	Geraniol	0.0023467	0.0070929	ND	ND
Limonene	0.0025840	0.0078049	0.028477	0.28477	Isopulegol	0.0017139	0.0051945	ND	ND
β-Pinene	0.0017666	0.0053790	0.026368	0.26368	Eucalyptol	0.00031641	0.0010020	ND	ND
Linalool	0.0012393	0.0037706	0.012393	0.12393	α-Terpinene	0.0027423	0.0082795	ND	ND
α-Pinene	0.0033487	0.010125	0.012393	0.12393	Camphene	0.0022149	0.0067238	ND	ND



Report Notes: N/A

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Pesticides

Pass

Sample Analysis

Sample Prep Date: 04/17/2026
Sample Analysis Date: 04/20/2026
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	0.0289	0.0867	0.0289	ND	Piperonyl butoxide	0.0145	0.0434	0.0145	ND
Aldicarb	0.0289	0.0867	0.0289	ND	Pyrethrins	0.00289	0.00867	0.05	ND
Daminozide	0.0289	0.0867	0.0289	ND	Spinosad	0.00289	0.00867	0.02	ND
DDVP (Dichlorvos)	0.00289	0.00867	0.00289	ND	Spirotetramat	0.00145	0.00434	0.01	ND
Diazinon	0.0145	0.0434	0.0145	ND	Thiamethoxam	0.00289	0.00867	0.02	ND
Dimethoate	0.0145	0.0434	0.0145	ND	Trifloxystrobin	0.00145	0.00434	0.01	ND
Etoxazole	0.0145	0.0434	0.0145	ND	Bifenazate	0.0145	0.0434	0.1	ND
Imidacloprid	0.0289	0.0867	0.0289	ND	Cyfluthrin	0.00289	0.00867	0.01	ND
Myclobutanil	0.0145	0.0434	0.0145	ND	Flonicamid	0.00289	0.00867	0.03	ND
Paclobutrazol	0.0289	0.0867	0.0289	ND	Fludioxonil	0.00145	0.00434	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis
Sample Prep Date: 04/17/2026
Sample Analysis Date: 04/20/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

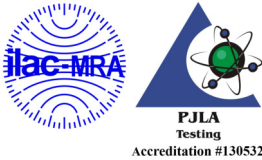
Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	2.86	8.67	20	ND
Aflatoxin B2	2.86	8.67	20	ND
Aflatoxin G1	2.86	8.67	20	ND
Aflatoxin G2	2.86	8.67	20	ND
Total Aflatoxins	2.86	8.67	20	ND
Ochratoxin A	2.86	8.67	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 04/17/2026
Sample Analysis Date: 04/20/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0871	0.260	0.42	ND
Cadmium	0.0543	0.158	0.27	ND
Mercury	0.0656	0.204	0.87	ND
Lead	0.0690	0.204	0.87	ND

Microbial Impurities

Pass

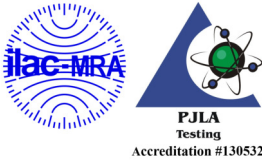
Sample Analysis
Sample Prep Date: 04/16/2026
Sample Analysis Date: 04/19/2026
Analyzed By: Hardy CompactDry Plates
SOP: SOP LAB-04

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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