



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCC000033-00
Sample ID: 2604ML0399.2701
METRC Sample ID: 1A40715000020D2000004892



CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 14731

Page 1 of 6

M00001319594: Orange Push Pop Bulk Flower

METRC ID: 1A40715000020D2000004892

METRC Source ID: 1A40715000020D2000004879

Source Batch #: Orange Pound Cake 3-30-26

Sample Type: Flower - Cured

Strain: Orange Pound Cake

Sample ID: 2604ML0399.2701

Manifest #: 0001409176

Sample Collected: 04/16/2026

Sample Received: 04/16/2026

Report Published: 04/21/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	23.453% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (12.2%)	Water Activity Tested (0.483 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: 04/20/2026
Sample Analysis Date: 04/21/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.027322	0.082748	ND	ND
CBDa	0.053078	0.16184	ND	ND
CBGA	0.012095	0.036632	0.76592	7.6592
CBG	0.019404	0.058733	0.21414	2.1414
CBD	0.12356	0.37502	ND	ND
THCV	0.080921	0.24538	ND	ND
CBN	0.067	0.2036	ND	ND
Δ9-THC	0.12182	0.36893	0.48474	4.8474
Δ8-THC	0.12182	0.3698	ND	ND
CBC	0.034196	0.10363	ND	ND
THCa	0.046986	0.14096	26.19	261.9

Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	23.453	234.53
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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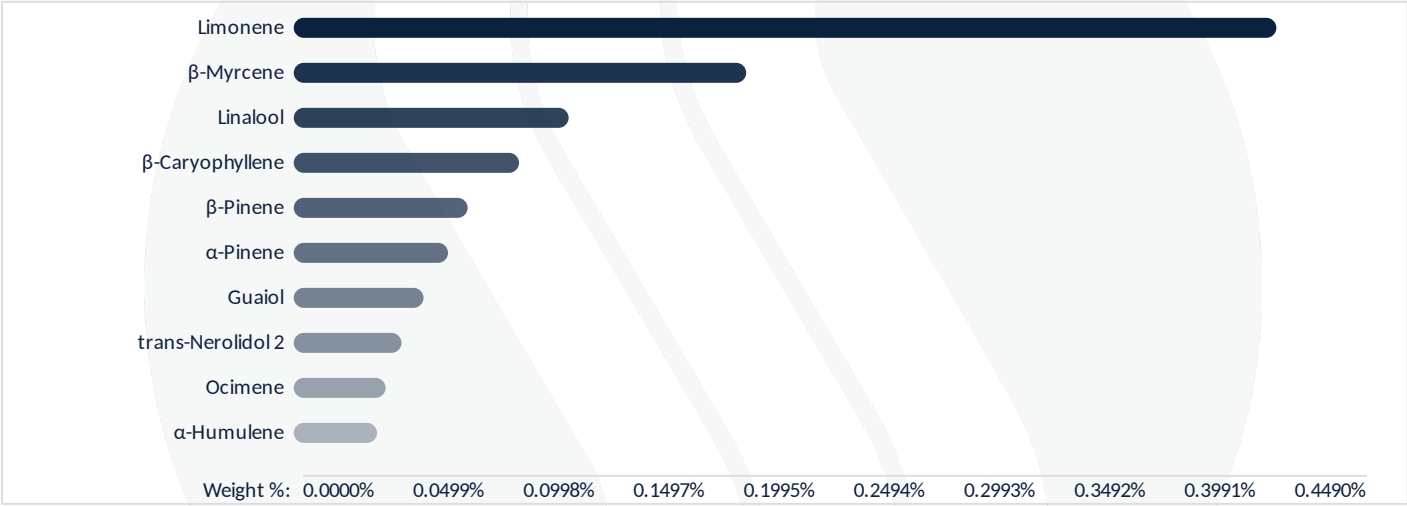
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Terpene Profile

Tested

Sample Analysis
Sample Prep Date: 04/20/2026
Sample Analysis Date: 04/21/2026
Analyzed By: GCMS
SOP: SOP LAB-15

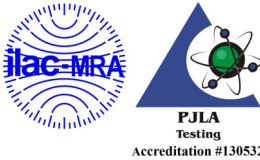
Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
Limonene	0.0027413	0.0082797	0.44895	4.4895	Camphene	0.0023497	0.0071329	0.014266	0.14266
β-Myrcene	0.0029371	0.0088671	0.20671	2.0671	cis-Nerolidol 1	0.0022378	0.0067972	< LOQ	< LOQ
Linalool	0.0013147	0.0040000	0.12559	1.2559	Caryophyllene Oxide	0.0049790	0.015133	ND	ND
β-Caryophyllene	0.0022378	0.0067972	0.10294	1.0294	Geraniol	0.0024895	0.0075245	ND	ND
β-Pinene	0.0018741	0.0057063	0.079441	0.79441	Isopulegol	0.0018182	0.0055105	ND	ND
α-Pinene	0.0035524	0.010741	0.070490	0.70490	Terpinolene	0.0023497	0.0071329	ND	ND
Guaiol	0.0019021	0.0057622	0.059301	0.59301	γ-Terpinene	0.0025734	0.0078322	ND	ND
trans-Nerolidol 2	0.0027133	0.0082238	0.049231	0.49231	Eucalyptol	0.00033566	0.0010629	ND	ND
Ocimene	0.0050909	0.015413	0.041958	0.41958	p-Cymene	0.0011469	0.0034965	ND	ND
α-Humulene	0.0016224	0.0048951	0.038042	0.38042	α-Terpinene	0.0029091	0.0087832	ND	ND
α-Bisabolol	0.0018182	0.0055105	0.020699	0.20699	3-Carene	0.0026014	0.0078881	ND	ND



Report Notes: N/A

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Page 4 of 6

Pesticides

Pass

Sample Analysis

Sample Prep Date: 04/20/2026
Sample Analysis Date: 04/21/2026
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	0.0304	0.0913	0.0304	ND	Piperonyl butoxide	0.0152	0.0456	0.0152	ND
Aldicarb	0.0304	0.0913	0.0304	ND	Pyrethrins	0.00304	0.00913	0.05	ND
Daminozide	0.0304	0.0913	0.0304	ND	Spinosad	0.00304	0.00913	0.02	ND
DDVP (Dichlorvos)	0.00304	0.00913	0.00304	ND	Spirotetramat	0.00152	0.00456	0.01	ND
Diazinon	0.0152	0.0456	0.0152	ND	Thiamethoxam	0.00304	0.00913	0.02	ND
Dimethoate	0.0152	0.0456	0.0152	ND	Trifloxystrobin	0.00152	0.00456	0.01	ND
Etoxazole	0.0152	0.0456	0.0152	ND	Bifenazate	0.0152	0.0456	0.1	ND
Imidacloprid	0.0304	0.0913	0.0304	ND	Cyfluthrin	0.00304	0.00913	0.01	ND
Myclobutanil	0.0152	0.0456	0.0152	ND	Flonicamid	0.00304	0.00913	0.03	ND
Paclobutrazol	0.0304	0.0913	0.0304	ND	Fludioxonil	0.00152	0.00456	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis
Sample Prep Date: 04/20/2026
Sample Analysis Date: 04/21/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

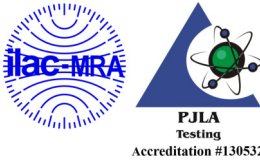
Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.01	9.13	20	ND
Aflatoxin B2	3.01	9.13	20	ND
Aflatoxin G1	3.01	9.13	20	ND
Aflatoxin G2	3.01	9.13	20	ND
Total Aflatoxins	3.01	9.13	20	ND
Ochratoxin A	3.01	9.13	20	ND

Report Notes: N/A

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Page 6 of 6

Heavy Metals

Pass

Sample Analysis

Sample Prep Date: 04/20/2026
Sample Analysis Date: 04/21/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0903	0.270	0.42	ND
Cadmium	0.0563	0.164	0.27	ND
Mercury	0.0680	0.211	0.87	ND
Lead	0.0715	0.211	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	201
Total Bile-Tolerant Gram-Negative Bacteria	1000	ND
Total Coliforms	1000	ND
Total Yeast & Mold	50000	538
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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