



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCP000034-00
Sample ID: 2609ML1053.7082
METRC Sample ID: 1A40703000020D1000068823



CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 19312

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M00001318427: Orange Pound Cake Bulk GRND

METRC ID: 1A40703000020D1000068823 **Sample ID:** 2609ML1053.7082
METRC Source ID: 1A40703000020D1000068822 **Manifest #:** 0001483542
Source Batch #: Tech Solution: Rad Source - 420 XL - 9/10/2026 **Sample Collected:** 09/15/2026
OPC Bulk GRND **Sample Received:** 09/15/2026
Sample Type: Flower - Cured **Report Published:** 09/18/2026
Strain: Orange Pound Cake



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	24.808% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		0.15383% Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (14.3%)	Water Activity Tested (0.550 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: 09/17/2026
Sample Analysis Date: 09/18/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.029251	0.08859	ND	ND
CBDa	0.056824	0.17326	0.17541	1.7541
CBGA	0.012948	0.039218	0.7792	7.792
CBG	0.020774	0.06288	0.25477	2.5477
CBD	0.13228	0.4015	ND	ND
THCV	0.086634	0.2627	ND	ND
CBN	0.071729	0.21798	ND	ND
Δ9-THC	0.13042	0.39498	4.0495	40.495
Δ8-THC	0.13042	0.3959	ND	ND
CBC	0.03661	0.11094	ND	ND
THCa	0.050304	0.15091	23.67	236.7

Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	24.808	248.08
Total CBD	N/A	0.15383	1.5383

Total THC = THCa * 0.877 + Δ9-THC + Δ8-THC
Total CBD = CBDa * 0.877 + CBD

Report Notes: N/A

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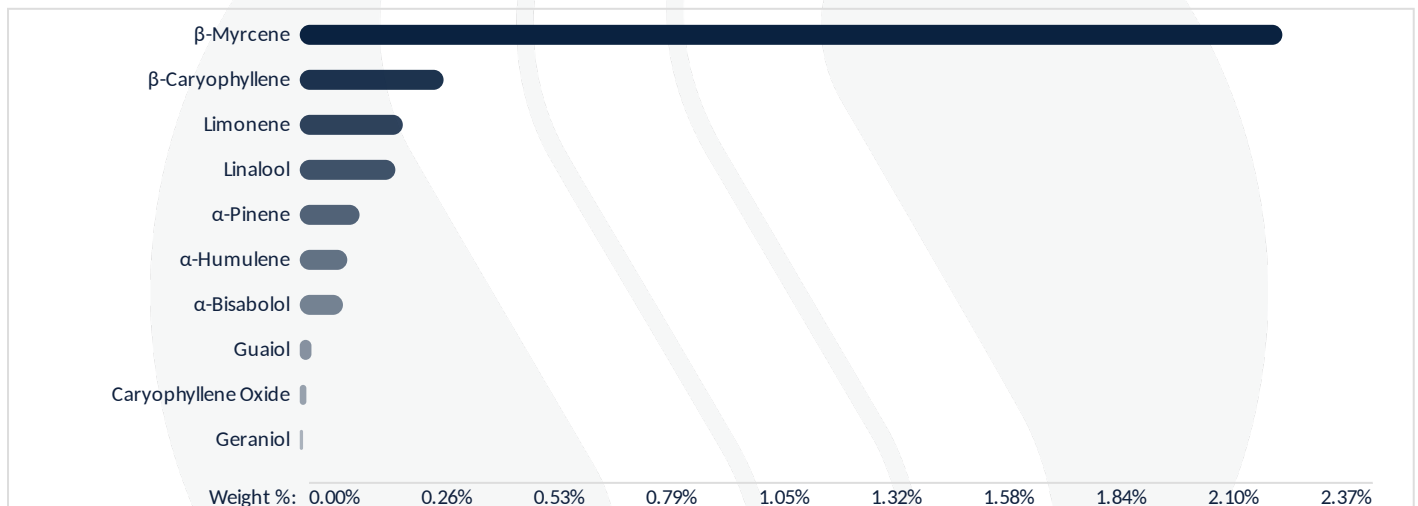
Terpene Profile

Tested

Sample Analysis

Sample Prep Date: 09/17/2026
Sample Analysis Date: 09/18/2026
Analyzed By: GCMS
SOP: SOP LAB-15

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
β-Myrcene	0.0019490	0.0058840	2.3677	23.677	trans-Nerolidol 2	0.0018005	0.0054571	0.0068677	0.068677
β-Caryophyllene	0.0014849	0.0045104	0.34654	3.4654	Terpinolene	0.0015592	0.0047332	0.0068677	0.068677
Limonene	0.0018190	0.0054942	0.24835	2.4835	cis-Nerolidol 1	0.0014849	0.0045104	ND	ND
Linalool	0.00087239	0.0026543	0.23035	2.3035	Isopulegol	0.0012065	0.0036566	ND	ND
α-Pinene	0.0023573	0.0071276	0.14404	1.4404	γ-Terpinene	0.0017077	0.0051972	ND	ND
α-Humulene	0.0010766	0.0032483	0.11452	1.1452	Eucalyptol	0.00022274	0.00070534	ND	ND
α-Bisabolol	0.0012065	0.0036566	0.10413	1.0413	p-Cymene	0.00076102	0.0023202	ND	ND
Guaiol	0.0012622	0.0038237	0.028213	0.28213	Ocimene	0.0033782	0.010227	ND	ND
Caryophyllene Oxide	0.0033039	0.010042	0.015963	0.15963	α-Terpinene	0.0019304	0.0058283	ND	ND
Geraniol	0.0016520	0.0049930	0.0079814	0.079814	3-Carene	0.0017262	0.0052343	ND	ND
Camphene	0.0015592	0.0047332	0.0070534	0.070534	β-Pinene	0.0012436	0.0037865	ND	ND



Report Notes: N/A

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SMITHERS

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Pesticides

Pass

Sample Analysis

Sample Prep Date: 09/17/2026
Sample Analysis Date: 09/18/2026
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	0.0306	0.0917	0.0306	ND	Piperonyl butoxide	0.0153	0.0459	0.0153	ND
Aldicarb	0.0306	0.0917	0.0306	ND	Pyrethrins	0.00306	0.00917	0.05	ND
Daminozide	0.0306	0.0917	0.0306	ND	Spinosad	0.00306	0.00917	0.02	ND
DDVP (Dichlorvos)	0.00306	0.00917	0.00306	ND	Spirotetramat	0.00153	0.00459	0.01	ND
Diazinon	0.0153	0.0459	0.0153	ND	Thiamethoxam	0.00306	0.00917	0.02	ND
Dimethoate	0.0153	0.0459	0.0153	ND	Trifloxystrobin	0.00153	0.00459	0.01	ND
Etoxazole	0.0153	0.0459	0.0153	ND	Bifenazate	0.0153	0.0459	0.1	ND
Imidacloprid	0.0306	0.0917	0.0306	ND	Cyfluthrin	0.00306	0.00917	0.01	ND
Myclobutanil	0.0153	0.0459	0.0153	ND	Flonicamid	0.00306	0.00917	0.03	ND
Paclobutrazol	0.0306	0.0917	0.0306	ND	Fludioxonil	0.00153	0.00459	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis
Sample Prep Date: 09/17/2026
Sample Analysis Date: 09/18/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.03	9.17	20	ND
Aflatoxin B2	3.03	9.17	20	ND
Aflatoxin G1	3.03	9.17	20	ND
Aflatoxin G2	3.03	9.17	20	ND
Total Aflatoxins	3.03	9.17	20	ND
Ochratoxin A	3.03	9.17	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 09/17/2026
Sample Analysis Date: 09/18/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0770	0.230	0.42	ND
Cadmium	0.0480	0.140	0.27	ND
Mercury	0.0580	0.180	0.87	ND
Lead	0.0610	0.180	0.87	ND

Microbial Impurities

Pass

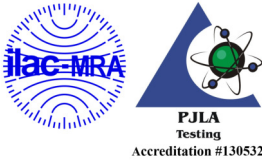
Sample Analysis
Sample Prep Date: 09/15/2026
Sample Analysis Date: 09/18/2026
Analyzed By: Hardy CompactDry Plates | bioMérieux GENE UP PCR
SOP: SOP LAB-04 | SOP Lab-17

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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