



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCC000033-00
Sample ID: 2608ML0909.6083
METRC Sample ID: 1A40703000020D2000000631



CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 18341

Page 1 of 6

M00001306829: Root Beer Cream Cake Bulk Flower

METRC ID: 1A40703000020D2000000631

METRC Source ID: 1A40703000020D2000000619

Source Batch #: Rootbeer Cream Cake 8-3-26

Sample Type: Flower - Cured

Strain: Root Beer Cream Cake

Sample ID: 2608ML0909.6083

Manifest #: 0001466525

Sample Collected: 08/13/2026

Sample Received: 08/13/2026

Report Published: 08/18/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	20.618% Total THC
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass	ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (14.0%)	Water Activity Tested (0.540 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: 08/17/2026
Sample Analysis Date: 08/18/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.030016	0.09091	ND	ND
CBDa	0.058312	0.1778	ND	ND
CBGA	0.013288	0.040245	0.45588	4.5588
CBG	0.021318	0.064526	ND	ND
CBD	0.13574	0.41201	ND	ND
THCV	0.088902	0.26958	ND	ND
CBN	0.073607	0.22369	ND	ND
Δ9-THC	0.13384	0.40532	0.85003	8.5003
Δ8-THC	0.13384	0.40628	ND	ND
CBC	0.037568	0.11386	ND	ND
THCa	0.05162	0.15486	22.541	225.41

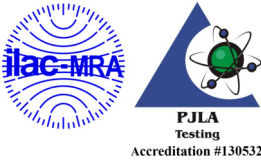
Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	20.618	206.18
Total CBD	N/A	ND	ND

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

Report Notes: N/A

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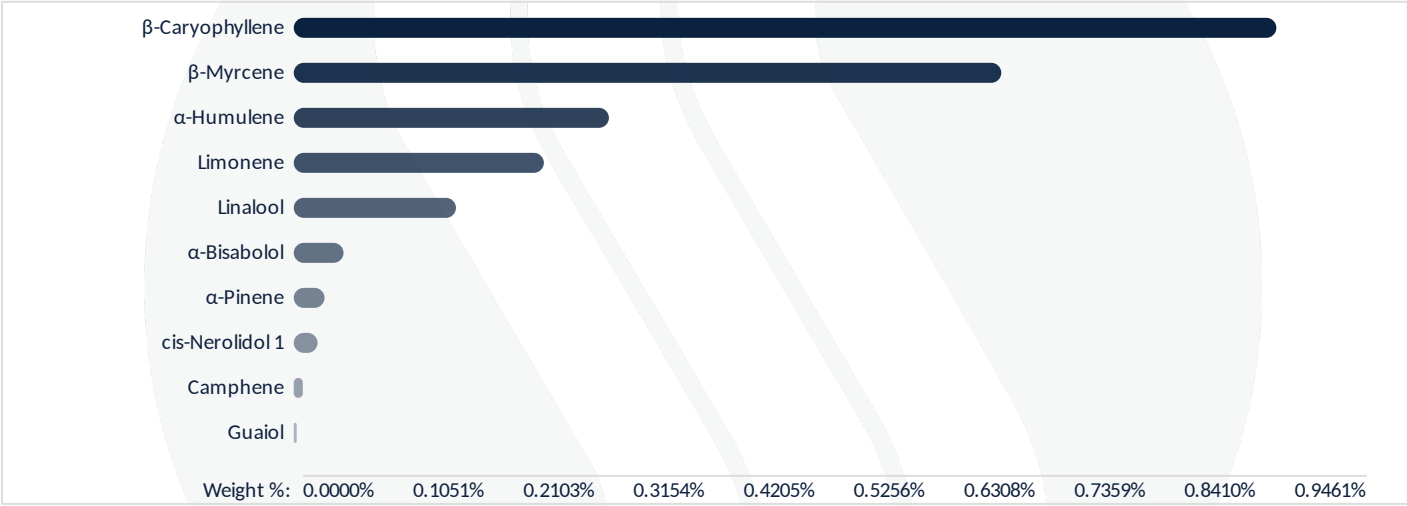
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Terpene Profile

Tested

Sample Analysis
Sample Prep Date: 08/17/2026
Sample Analysis Date: 08/18/2026
Analyzed By: GCMS
SOP: SOP LAB-15

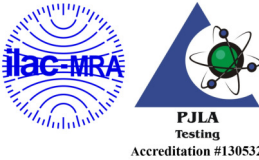
Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
β-Caryophyllene	0.0014911	0.0045294	0.94613	9.4613	trans-Nerolidol 2	0.0018080	0.0054800	ND	ND
β-Myrcene	0.0019571	0.0059087	0.68127	6.8127	Geraniol	0.0016589	0.0050140	ND	ND
α-Humulene	0.0010811	0.0032619	0.30345	3.0345	Isopulegol	0.0012116	0.0036719	ND	ND
Limonene	0.0018267	0.0055172	0.24082	2.4082	Terpinolene	0.0015657	0.0047530	ND	ND
Linalool	0.00087605	0.0026654	0.15620	1.5620	γ-Terpinene	0.0017148	0.0052190	ND	ND
α-Bisabolol	0.0012116	0.0036719	0.047903	0.47903	Eucalyptol	0.00022367	0.00070829	ND	ND
α-Pinene	0.0023672	0.0071575	0.029637	0.29637	p-Cymene	0.00076421	0.0023299	ND	ND
cis-Nerolidol 1	0.0014911	0.0045294	0.022926	0.22926	Ocimene	0.0033924	0.010270	ND	ND
Camphene	0.0015657	0.0047530	0.0087605	0.087605	α-Terpinene	0.0019385	0.0058527	ND	ND
Guaiol	0.0012675	0.0038397	< LOQ	< LOQ	3-Carene	0.0017335	0.0052563	ND	ND
Caryophyllene Oxide	0.0033178	0.010084	ND	ND	β-Pinene	0.0012488	0.0038024	ND	ND



Report Notes: N/A

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SMITHERS

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Page 4 of 6

Pesticides

Pass

Sample Analysis

Sample Prep Date: 08/17/2026
Sample Analysis Date: 08/18/2026
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	0.0310	0.0932	0.031	ND	Piperonyl butoxide	0.0156	0.0466	0.0156	ND
Aldicarb	0.0310	0.0932	0.031	ND	Pyrethrins	0.00310	0.00932	0.05	ND
Daminozide	0.0310	0.0932	0.031	ND	Spinosad	0.00310	0.00932	0.02	ND
DDVP (Dichlorvos)	0.00310	0.00932	0.0031	ND	Spirotetramat	0.00156	0.00466	0.01	ND
Diazinon	0.0156	0.0466	0.0156	ND	Thiamethoxam	0.00310	0.00932	0.02	ND
Dimethoate	0.0156	0.0466	0.0156	ND	Trifloxystrobin	0.00156	0.00466	0.01	ND
Etoxazole	0.0156	0.0466	0.0156	ND	Bifenazate	0.0156	0.0466	0.1	ND
Imidacloprid	0.0310	0.0932	0.031	ND	Cyfluthrin	0.00310	0.00932	0.01	ND
Myclobutanil	0.0156	0.0466	0.0156	ND	Flonicamid	0.00310	0.00932	0.03	ND
Paclobutrazol	0.0310	0.0932	0.031	ND	Fludioxonil	0.00156	0.00466	0.01	ND

Report Notes: N/A

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Accreditation #130532

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Mycotoxins

Pass

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

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.07	9.32	20	ND
Aflatoxin B2	3.07	9.32	20	ND
Aflatoxin G1	3.07	9.32	20	ND
Aflatoxin G2	3.07	9.32	20	ND
Total Aflatoxins	3.07	9.32	20	ND
Ochratoxin A	3.07	9.32	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 08/14/2026
Sample Analysis Date: 08/17/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0861	0.257	0.42	ND
Cadmium	0.0537	0.156	0.27	ND
Mercury	0.0648	0.201	0.87	ND
Lead	0.0682	0.201	0.87	ND

Microbial Impurities

Pass

Sample Analysis
Sample Prep Date: 08/13/2026
Sample Analysis Date: 08/16/2026
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	277
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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