



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCC000033-00
Sample ID: 2608ML0909.6082
METRC Sample ID: 1A40703000020D2000000630



CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 18340

Page 1 of 6

M00001306829: Root Beer Cream Cake Bulk Flower

METRC ID: 1A40703000020D2000000630
METRC Source ID: 1A40703000020D2000000618
Source Batch #: Rootbeer Cream Cake 8-3-26
Sample Type: Flower - Cured
Strain: Root Beer Cream Cake

Sample ID: 2608ML0909.6082
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	23.21% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (13.8%)	Water Activity Tested (0.548 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	0.031244	0.094628	ND	ND
CBDa	0.060697	0.18508	ND	ND
CBGA	0.013831	0.041891	0.42252	4.2252
CBG	0.022189	0.067164	ND	ND
CBD	0.1413	0.42886	ND	ND
THCV	0.092538	0.2806	ND	ND
CBN	0.076618	0.23284	ND	ND
Δ9-THC	0.13931	0.42189	1.0425	10.425
Δ8-THC	0.13931	0.42289	ND	ND
CBC	0.039105	0.1185	ND	ND
THCa	0.053732	0.16119	25.277	252.77

Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	23.21	232.1
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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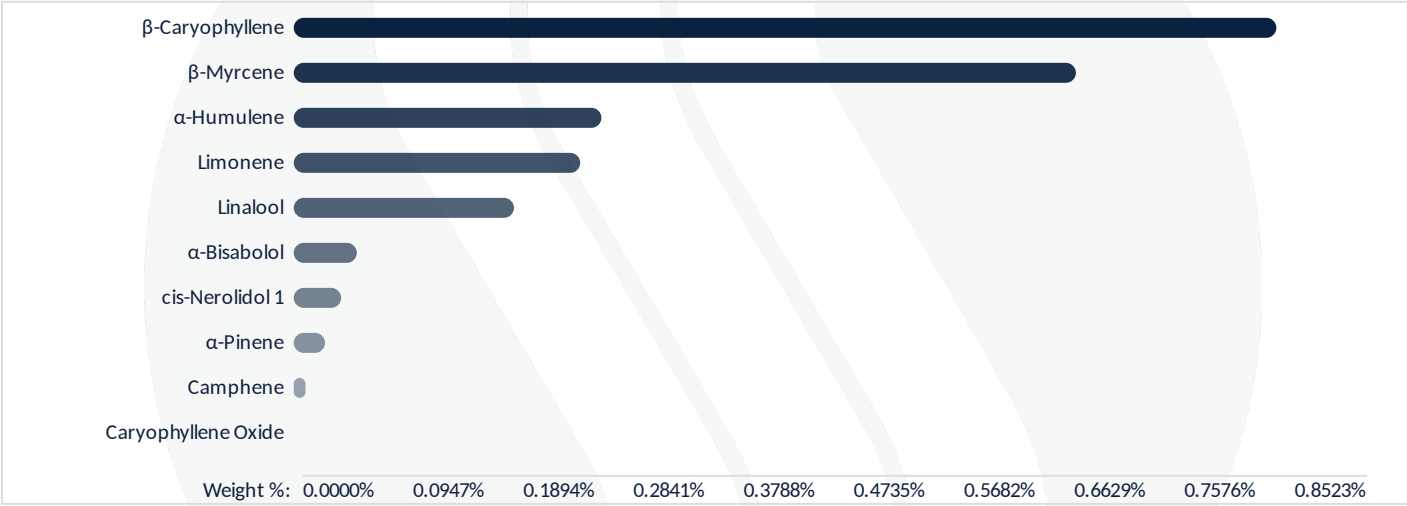
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Terpene Profile

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	0.0015968	0.0048503	0.85230	8.5230	trans-Nerolidol 2	0.0019361	0.0058683	ND	ND
β-Myrcene	0.0020958	0.0063273	0.67844	6.7844	Geraniol	0.0017764	0.0053693	ND	ND
α-Humulene	0.0011577	0.0034930	0.26687	2.6687	Isopulegol	0.0012974	0.0039321	ND	ND
Limonene	0.0019561	0.0059082	0.24850	2.4850	Terpinolene	0.0016766	0.0050898	ND	ND
Linalool	0.00093812	0.0028543	0.19102	1.9102	γ-Terpinene	0.0018363	0.0055888	ND	ND
α-Bisabolol	0.0012974	0.0039321	0.054691	0.54691	Eucalyptol	0.00023952	0.00075848	ND	ND
cis-Nerolidol 1	0.0015968	0.0048503	0.041118	0.41118	p-Cymene	0.00081836	0.0024950	ND	ND
α-Pinene	0.0025349	0.0076647	0.027146	0.27146	Ocimene	0.0036327	0.010998	< LOQ	< LOQ
Camphene	0.0016766	0.0050898	0.010180	0.10180	α-Terpinene	0.0020758	0.0062675	ND	ND
Caryophyllene Oxide	0.0035529	0.010798	ND	ND	3-Carene	0.0018563	0.0056287	ND	ND
Guaiol	0.0013573	0.0041118	ND	ND	β-Pinene	0.0013373	0.0040719	ND	ND



Report Notes: N/A

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SMITHERS

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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	0.0322	0.0967	0.0322	ND	Piperonyl butoxide	0.0162	0.0484	0.0162	ND
Aldicarb	0.0322	0.0967	0.0322	ND	Pyrethrins	0.00322	0.00967	0.05	ND
Daminozide	0.0322	0.0967	0.0322	ND	Spinosad	0.00322	0.00967	0.02	ND
DDVP (Dichlorvos)	0.00322	0.00967	0.00322	ND	Spirotetramat	0.00162	0.00484	0.01	ND
Diazinon	0.0162	0.0484	0.0162	ND	Thiamethoxam	0.00322	0.00967	0.02	ND
Dimethoate	0.0162	0.0484	0.0162	ND	Trifloxystrobin	0.00162	0.00484	0.01	ND
Etoxazole	0.0162	0.0484	0.0162	ND	Bifenazate	0.0162	0.0484	0.1	ND
Imidacloprid	0.0322	0.0967	0.0322	ND	Cyfluthrin	0.00322	0.00967	0.01	ND
Myclobutanil	0.0162	0.0484	0.0162	ND	Flonicamid	0.00322	0.00967	0.03	ND
Paclobutrazol	0.0322	0.0967	0.0322	ND	Fludioxonil	0.00162	0.00484	0.01	ND

Report Notes: N/A

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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

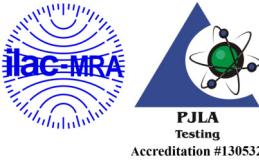
Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.19	9.67	20	ND
Aflatoxin B2	3.19	9.67	20	ND
Aflatoxin G1	3.19	9.67	20	ND
Aflatoxin G2	3.19	9.67	20	ND
Total Aflatoxins	3.19	9.67	20	ND
Ochratoxin A	3.19	9.67	20	ND

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	0.0844	0.252	0.42	ND
Cadmium	0.0526	0.153	0.27	ND
Mercury	0.0635	0.197	0.87	ND
Lead	0.0668	0.197	0.87	ND

Microbial Impurities

Pass

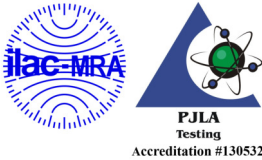
Sample Analysis
Sample Prep Date: 08/13/2026
Sample Analysis Date: 08/16/2026
Analyzed By: Hardy CompactDry Plates | bioMérieux GENE UP PCR
SOP: SOP LAB-04 | SOP Lab-17

Analyte	Limit (cfu/g)	Results (cfu/g)
Total Viable Aerobic Bacteria	100000	140
Total Bile-Tolerant Gram-Negative Bacteria	1000	ND
Total Coliforms	1000	ND
Total Yeast & Mold	50000	660
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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