



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCC000033-00
Sample ID: 2608ML0909.6080
METRC Sample ID: 1A40703000020D2000000628



CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 18338

Page 1 of 6

M00001315237: Fiji Sunset Bulk Flower

METRC ID: 1A40703000020D2000000628

METRC Source ID: 1A40703000020D2000000612

Source Batch #: Fiji Sunset 8-3-26

Sample Type: Flower - Cured

Strain: Fiji Sunset

Sample ID: 2608ML0909.6080

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	24.329% Total THC
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass	
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (13.4%)	Water Activity Tested (0.549 Aw)	0.17521% Total CBD
	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	0.030731	0.093073	ND	ND
CBDa	0.0597	0.18203	0.19978	1.9978
CBGA	0.013604	0.041203	1.0494	10.494
CBG	0.021825	0.066061	0.26008	2.6008
CBD	0.13897	0.42182	ND	ND
THCV	0.091017	0.27599	ND	ND
CBN	0.075359	0.22901	ND	ND
Δ9-THC	0.13416	0.40634	0.44895	4.4895
Δ8-THC	0.13701	0.41594	ND	ND
CBC	0.038462	0.11656	ND	ND
THCa	0.052849	0.15855	27.229	272.29

Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	24.329	243.29
Total CBD	N/A	0.17521	1.7521

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

Report Notes: N/A

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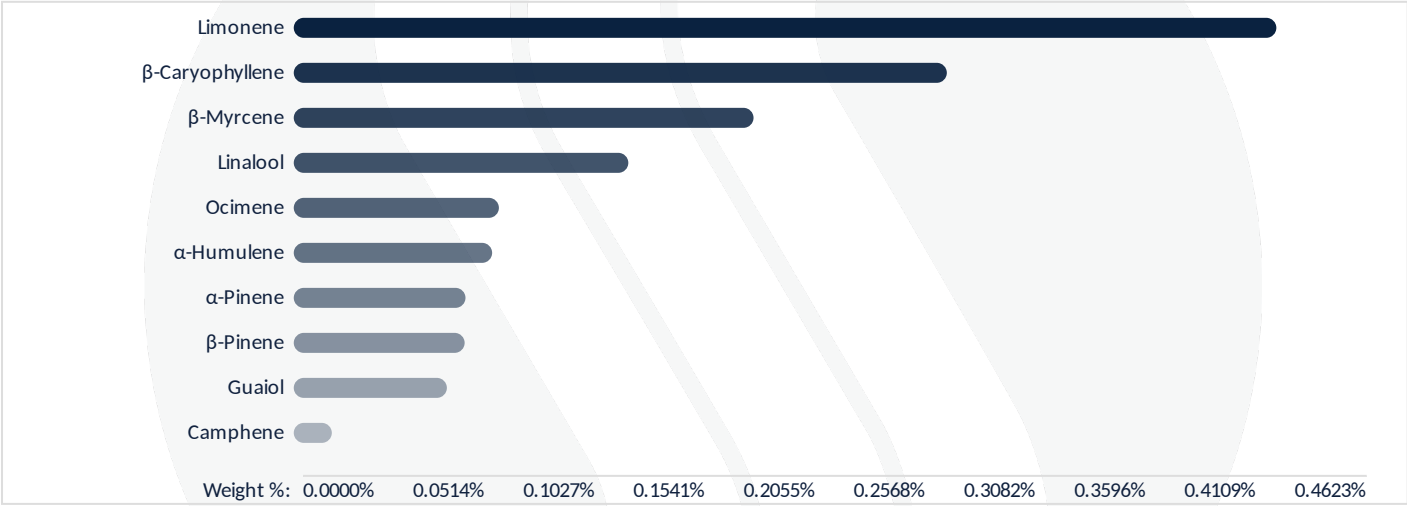
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Terpene Profile

Tested

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

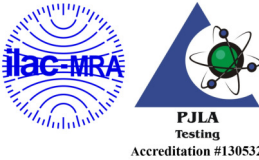
Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
Limonene	0.0019502	0.0058905	0.46229	4.6229	Caryophyllene Oxide	0.0035423	0.010766	ND	ND
β-Caryophyllene	0.0015920	0.0048358	0.30726	3.0726	trans-Nerolidol 2	0.0019303	0.0058507	ND	ND
β-Myrcene	0.0020896	0.0063085	0.21632	2.1632	cis-Nerolidol 1	0.0015920	0.0048358	ND	ND
Linalool	0.00093532	0.0028458	0.15741	1.5741	Geraniol	0.0017711	0.0053532	ND	ND
Ocimene	0.0036219	0.010965	0.096517	0.96517	Isopulegol	0.0012935	0.0039204	ND	ND
α-Humulene	0.0011542	0.0034826	0.093333	0.93333	Terpinolene	0.0016716	0.0050746	ND	ND
α-Pinene	0.0025274	0.0076418	0.080796	0.80796	γ-Terpinene	0.0018308	0.0055721	ND	ND
β-Pinene	0.0013333	0.0040597	0.080398	0.80398	Eucalyptol	0.00023881	0.00075622	ND	ND
Guaiol	0.0013532	0.0040995	0.072040	0.72040	p-Cymene	0.00081592	0.0024876	ND	ND
Camphene	0.0016716	0.0050746	0.017910	0.17910	α-Terpinene	0.0020697	0.0062488	ND	ND
α-Bisabolol	0.0012935	0.0039204	ND	ND	3-Carene	0.0018507	0.0056119	ND	ND



Report Notes: N/A

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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	0.0322	0.0968	0.0322	ND	Piperonyl butoxide	0.0162	0.0484	0.0162	ND
Aldicarb	0.0322	0.0968	0.0322	ND	Pyrethrins	0.00322	0.00968	0.05	ND
Daminozide	0.0322	0.0968	0.0322	ND	Spinosad	0.00322	0.00968	0.02	ND
DDVP (Dichlorvos)	0.00322	0.00968	0.00322	ND	Spirotetramat	0.00162	0.00484	0.01	ND
Diazinon	0.0162	0.0484	0.0162	ND	Thiamethoxam	0.00322	0.00968	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	0.0968	0.0322	ND	Cyfluthrin	0.00322	0.00968	0.01	ND
Myclobutanil	0.0162	0.0484	0.0162	ND	Flonicamid	0.00322	0.00968	0.03	ND
Paclobutrazol	0.0322	0.0968	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	9.68	20	ND
Aflatoxin B2	3.19	9.68	20	ND
Aflatoxin G1	3.19	9.68	20	ND
Aflatoxin G2	3.19	9.68	20	ND
Total Aflatoxins	3.19	9.68	20	ND
Ochratoxin A	3.19	9.68	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	0.0824	0.246	0.42	ND
Cadmium	0.0514	0.150	0.27	ND
Mercury	0.0621	0.193	0.87	ND
Lead	0.0653	0.193	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	11
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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