



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCC000033-00
Sample ID: 2608ML0909.6079
METRC Sample ID: 1A40703000020D2000000627



SMITHERS

CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 18337

Page 1 of 6

M00001315237: Fiji Sunset Bulk Flower

METRC ID: 1A40703000020D2000000627

METRC Source ID: 1A40703000020D2000000611

Source Batch #: Fiji Sunset 8-3-26

Sample Type: Flower - Cured

Strain: Fiji Sunset

Sample ID: 2608ML0909.6079

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	22.29% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		0.16496% Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (13.5%)	Water Activity Tested (0.556 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	0.028092	0.085083	ND	ND
CBDa	0.054574	0.1664	0.1881	1.881
CBGA	0.012436	0.037666	0.96534	9.6534
CBG	0.019951	0.06039	0.22673	2.2673
CBD	0.12704	0.3856	ND	ND
THCV	0.083204	0.2523	ND	ND
CBN	0.068889	0.20935	ND	ND
Δ9-THC	0.12525	0.37934	ND	ND
Δ8-THC	0.12525	0.38024	ND	ND
CBC	0.03516	0.10656	ND	ND
THCa	0.048312	0.14494	25.416	254.16

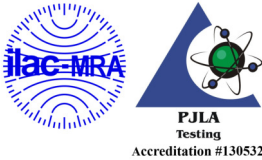
Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	22.29	222.9
Total CBD	N/A	0.16496	1.6496

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

Report Notes: N/A

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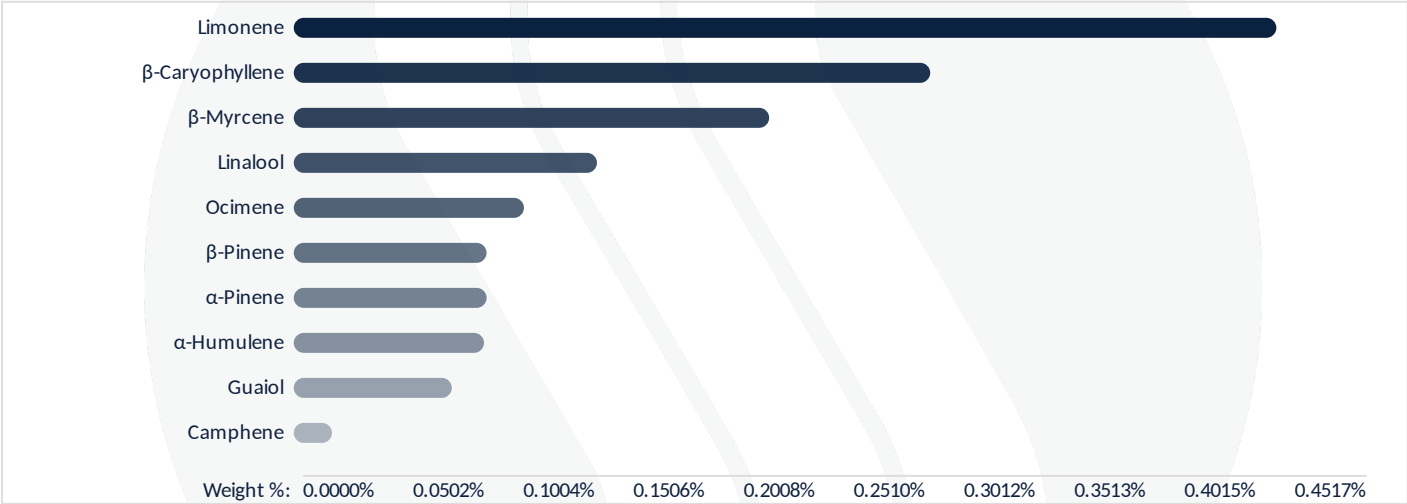
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Terpene Profile

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	0.0019348	0.0058440	0.45173	4.5173	Caryophyllene Oxide	0.0035143	0.010681	ND	ND
β-Caryophyllene	0.0015795	0.0047976	0.29260	2.9260	trans-Nerolidol 2	0.0019151	0.0058045	ND	ND
β-Myrcene	0.0020731	0.0062586	0.21856	2.1856	cis-Nerolidol 1	0.0015795	0.0047976	ND	ND
Linalool	0.00092794	0.0028233	0.13939	1.3939	Geraniol	0.0017572	0.0053110	ND	ND
Ocimene	0.0035933	0.010879	0.10582	1.0582	Isopulegol	0.0012833	0.0038894	ND	ND
β-Pinene	0.0013228	0.0040276	0.088648	0.88648	Terpinolene	0.0016584	0.0050346	ND	ND
α-Pinene	0.0025074	0.0075814	0.088648	0.88648	γ-Terpinene	0.0018164	0.0055281	ND	ND
α-Humulene	0.0011451	0.0034551	0.087463	0.87463	Eucalyptol	0.00023692	0.00075025	ND	ND
Guaiol	0.0013425	0.0040671	0.072655	0.72655	p-Cymene	0.00080948	0.0024679	ND	ND
Camphene	0.0016584	0.0050346	0.017572	0.17572	α-Terpinene	0.0020533	0.0061994	ND	ND
α-Bisabolol	0.0012833	0.0038894	ND	ND	3-Carene	0.0018361	0.0055676	ND	ND



Report Notes: N/A

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Pesticides

Pass

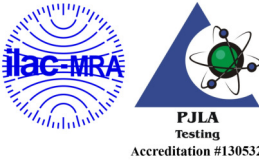
Sample Analysis
Sample Prep Date: 08/17/2026
Sample Analysis Date: 08/18/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Abamectin	0.0334	0.100	0.0334	ND	Piperonyl butoxide	0.0167	0.0501	0.0167	ND
Aldicarb	0.0334	0.100	0.0334	ND	Pyrethrins	0.00334	0.0100	0.05	ND
Daminozide	0.0334	0.100	0.0334	ND	Spinosad	0.00334	0.0100	0.02	ND
DDVP (Dichlorvos)	0.00334	0.0100	0.00334	ND	Spirotetramat	0.00167	0.00501	0.01	ND
Diazinon	0.0167	0.0501	0.0167	ND	Thiamethoxam	0.00334	0.0100	0.02	ND
Dimethoate	0.0167	0.0501	0.0167	ND	Trifloxystrobin	0.00167	0.00501	0.01	ND
Etoxazole	0.0167	0.0501	0.0167	ND	Bifenazate	0.0167	0.0501	0.1	ND
Imidacloprid	0.0334	0.100	0.0334	ND	Cyfluthrin	0.00334	0.0100	0.01	ND
Myclobutanil	0.0167	0.0501	0.0167	ND	Flonicamid	0.00334	0.0100	0.03	ND
Paclobutrazol	0.0334	0.100	0.0334	ND	Fludioxonil	0.00167	0.00501	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

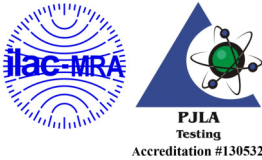
Sample Analysis
Sample Prep Date: 08/17/2026
Sample Analysis Date: 08/18/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.31	10.0	20	ND
Aflatoxin B2	3.31	10.0	20	ND
Aflatoxin G1	3.31	10.0	20	ND
Aflatoxin G2	3.31	10.0	20	ND
Total Aflatoxins	3.31	10.0	20	ND
Ochratoxin A	3.31	10.0	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	0.0910	0.272	0.42	ND
Cadmium	0.0567	0.165	0.27	ND
Mercury	0.0685	0.213	0.87	ND
Lead	0.0721	0.213	0.87	ND

Microbial Impurities

Pass

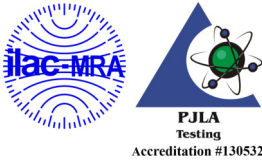
Sample Analysis
Sample Prep Date: 08/13/2026
Sample Analysis Date: 08/16/2026
Analyzed By: Hardy CompactDry Plates | bioMérieux GENE UP PCR
SOP: SOP LAB-04 | SOP Lab-17

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	22
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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