



Mother Grows Best
1851 Steinway Blvd. SE
Canton, OH 44707
License #: CCC000033-00
Sample ID: 2603ML0329.2273
METRC Sample ID: 1A40715000020D2000004799



SMITHERS

CERTIFICATE OF ANALYSIS
Laboratory License #: CCL000012-00

Certificate: 14335

Page 1 of 6

M00001315237: Fiji Sunset Bulk Flower

METRC ID: 1A40715000020D2000004799

METRC Source ID: 1A40715000020D2000004788

Source Batch #: Fiji Sunset 3-16-26

Sample Type: Flower - Cured

Strain: Fiji Sunset

Sample ID: 2603ML0329.2273

Manifest #: 0001401109

Sample Collected: 03/31/2026

Sample Received: 03/31/2026

Report Published: 04/07/2026



RESULTS SUMMARY

Cannabinoid Profile Tested	Microbial Contaminants Pass	Residual Solvents Not Tested	31.571% Total THC	
Pesticides Pass	Mycotoxins Pass	Heavy Metals Pass		ND Total CBD
Foreign Matter Tested (0.0%)	Moisture Analysis Tested (12.7%)	Water Activity Tested (0.407 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: 04/06/2026
Sample Analysis Date: 04/07/2026
Analyzed By: HPLC-DAD
SOP: SOP LAB-07

Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
CBDV	0.026946	0.081609	ND	ND
CBDa	0.052347	0.15962	ND	ND
CBGA	0.011928	0.036128	1.6084	16.084
CBG	0.019136	0.057925	ND	ND
CBD	0.12186	0.36986	ND	ND
THCV	0.079807	0.242	ND	ND
CBN	0.066076	0.2008	ND	ND
Δ9-THC	0.12014	0.36385	0.453	4.53
Δ8-THC	0.12014	0.3647	ND	ND
CBC	0.033725	0.1022	ND	ND
THCa	0.04634	0.13902	35.482	354.82

Cannabinoid Totals	Limit (%)	Results (%)	Results (mg/g)
Total THC	N/A	31.571	315.71
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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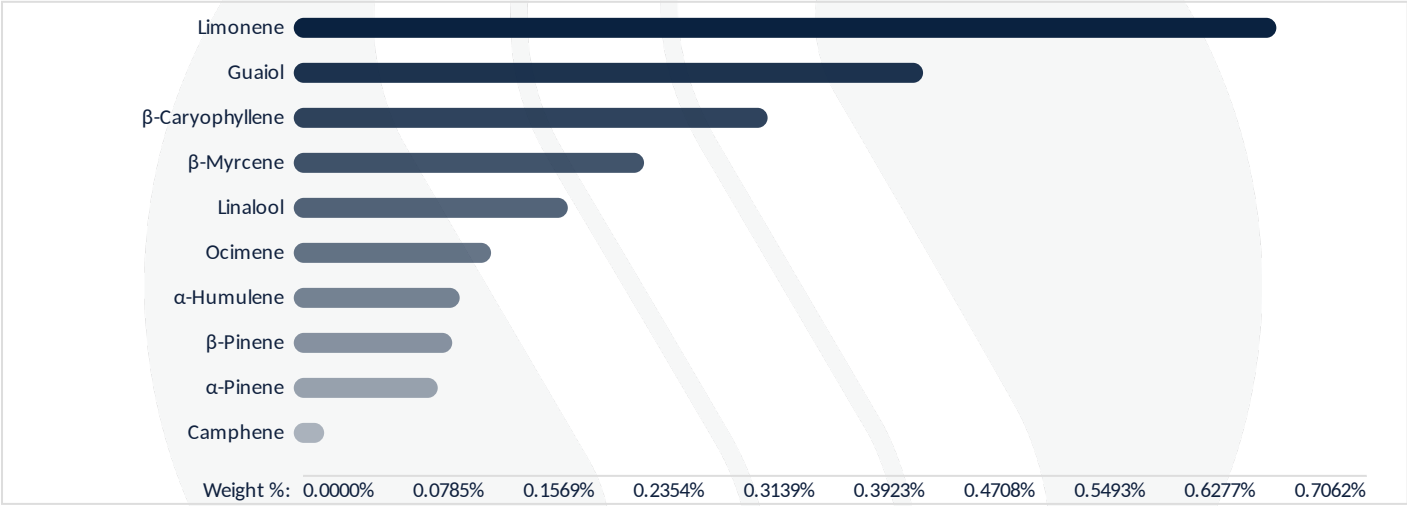
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Terpene Profile

Tested

Sample Analysis
Sample Prep Date: 04/06/2026
Sample Analysis Date: 04/07/2026
Analyzed By: GCMS
SOP: SOP LAB-15

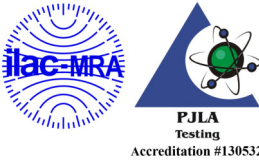
Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)	Analyte	LOD (%)	LOQ (%)	Results (%)	Results (mg/g)
Limonene	0.0035094	0.010600	0.70618	7.0618	Caryophyllene Oxide	0.0063742	0.019373	ND	ND
Guaiol	0.0024351	0.0073769	0.45228	4.5228	trans-Nerolidol 2	0.0034736	0.010528	ND	ND
β-Caryophyllene	0.0028648	0.0087019	0.34056	3.4056	cis-Nerolidol 1	0.0028648	0.0087019	ND	ND
β-Myrcene	0.0037601	0.011352	0.25175	2.5175	Geraniol	0.0031871	0.0096329	ND	ND
Linalool	0.0016831	0.0051209	0.19696	1.9696	Isopulegol	0.0023277	0.0070546	ND	ND
Ocimene	0.0065175	0.019731	0.14181	1.4181	Terpinolene	0.0030081	0.0091316	ND	ND
α-Humulene	0.0020770	0.0062668	0.11925	1.1925	γ-Terpinene	0.0032945	0.010027	ND	ND
β-Pinene	0.0023993	0.0073053	0.11388	1.1388	Eucalyptol	0.00042972	0.0013608	ND	ND
α-Pinene	0.0045479	0.013751	0.10349	1.0349	p-Cymene	0.0014682	0.0044763	ND	ND
Camphene	0.0030081	0.0091316	0.021844	0.21844	α-Terpinene	0.0037243	0.011244	ND	ND
α-Bisabolol	0.0023277	0.0070546	0.011817	0.11817	3-Carene	0.0033303	0.010098	ND	ND



Report Notes: N/A

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Pesticides

Pass

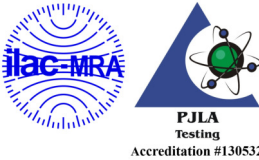
Sample Analysis
Sample Prep Date: 04/06/2026
Sample Analysis Date: 04/07/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Abamectin	0.0336	0.101	0.0336	ND	Piperonyl butoxide	0.0169	0.0505	0.0169	ND
Aldicarb	0.0336	0.101	0.0336	ND	Pyrethrins	0.00336	0.0101	0.05	ND
Daminozide	0.0336	0.101	0.0336	ND	Spinosad	0.00336	0.0101	0.02	ND
DDVP (Dichlorvos)	0.00336	0.0101	0.00336	ND	Spirotetramat	0.00169	0.00505	0.01	ND
Diazinon	0.0169	0.0505	0.0169	ND	Thiamethoxam	0.00336	0.0101	0.02	ND
Dimethoate	0.0169	0.0505	0.0169	ND	Trifloxystrobin	0.00169	0.00505	0.01	ND
Etoxazole	0.0169	0.0505	0.0169	ND	Bifenazate	0.0169	0.0505	0.1	ND
Imidacloprid	0.0336	0.101	0.0336	ND	Cyfluthrin	0.00336	0.0101	0.01	ND
Myclobutanil	0.0169	0.0505	0.0169	ND	Flonicamid	0.00336	0.0101	0.03	ND
Paclobutrazol	0.0336	0.101	0.0336	ND	Fludioxonil	0.00169	0.00505	0.01	ND

Report Notes: N/A

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Mycotoxins

Pass

Sample Analysis
Sample Prep Date: 04/06/2026
Sample Analysis Date: 04/07/2026
Analyzed By: LC-MS/MS
SOP: LAB SOP-08

Analyte	LOD (ppb)	LOQ (ppb)	Limit (ppb)	Results (ppb)
Aflatoxin B1	3.33	10.1	20	ND
Aflatoxin B2	3.33	10.1	20	ND
Aflatoxin G1	3.33	10.1	20	ND
Aflatoxin G2	3.33	10.1	20	ND
Total Aflatoxins	3.33	10.1	20	ND
Ochratoxin A	3.33	10.1	20	ND

Report Notes: N/A

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Heavy Metals

Pass

Sample Analysis
Sample Prep Date: 04/06/2026
Sample Analysis Date: 04/07/2026
Analyzed By: ICP-MS
SOP: SOP LAB-03

Analyte	LOD (ppm)	LOQ (ppm)	Limit (ppm)	Results (ppm)
Arsenic	0.0747	0.223	0.42	ND
Cadmium	0.0466	0.136	0.27	ND
Mercury	0.0563	0.175	0.87	ND
Lead	0.0592	0.175	0.87	ND

Microbial Impurities

Pass

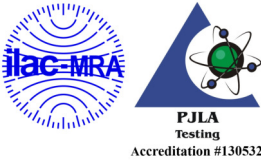
Sample Analysis
Sample Prep Date: 03/31/2026
Sample Analysis Date: 04/03/2026
Analyzed By: Hardy CompactDry Plates
SOP: SOP LAB-04

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	64
Salmonella spp.	Detected	Not Detected
STEC	Detected	Not Detected

Report Notes: N/A

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