

Fire Mountain Farms LLC

15751 S Hwy 66
 Claremore, OK 74017
 blake@firemountainfarms.com
 918-640-8072
 License #: GAAI-ZJ02-OLIZ

Certificate of Analysis

Final



Date Released: 6/26/2025 6:43:11PM

Report #: 170529

Mimosa-Flower

Sample #: 61689, Weight: 7.10g, Unit Count:

Order #: X250623-0003

Category/Type: Plant, Flower - Cured

Date Collected: 6/23/2025 3:01:18PM

Date Received: 6/23/2025 2:39:32PM

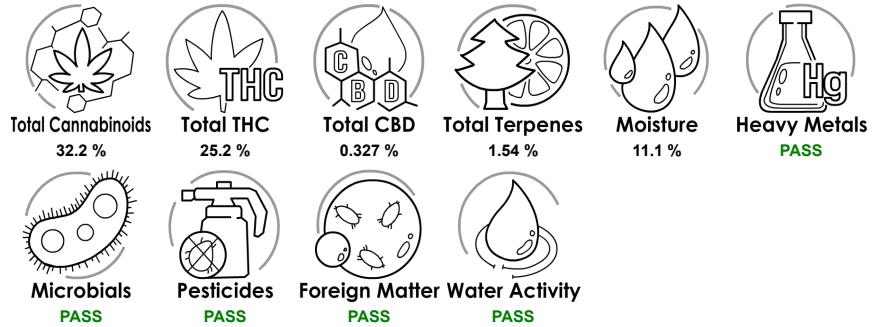
Date Analyzed: 6/26/2025 2:10:18PM

METRC Sample ID: 1A40E010001330B000005975

METRC Source Package ID:

1A40E010001330B000005926

METRC Batch ID: Mimosa RM 2 6/6



Cannabinoids by LC-DAD

Total Cannabinoids: **32.2 %**

Total THC: **25.2 %**

Total CBD: **0.327 %**

Date Completed: 06/25/2025 9:29AM

Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.18	0.24	27.6	276	<div style="width: 27.6%;"></div>
CBGa	25555-57-1	0.06	0.12	2.03	20.3	<div style="width: 2.03%;"></div>
d9-THC	1972-08-3	0.24	0.36	0.953	9.53	<div style="width: 0.953%;"></div>
THCVa	39986-26-0	0.12	0.18	0.659	6.59	<div style="width: 0.659%;"></div>
CBG	25654-31-3	0.12	0.18	0.606	6.06	<div style="width: 0.606%;"></div>
CBDa	1244-58-2	0.06	0.12	0.373	3.73	<div style="width: 0.373%;"></div>

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Michelle Speer

Michelle Speer, Laboratory Director
 6/26/2025 7:45:35PM



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Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
CBDVa	31932-13-5	0.04	0.06	ND	ND	
CBDV	24274-48-4	0.06	0.12	ND	ND	
CBD	13956-29-1	0.12	0.18	ND	ND	
THCV	31262-37-0	0.12	0.18	ND	ND	
CBN	521-35-7	0.06	0.12	ND	ND	
CBL	21366-63-2	0.24	0.36	ND	ND	
CBNa	2808-39-1	0.18	0.24	ND	ND	
d8-THC	5957-75-5	0.24	0.36	ND	ND	
CBC	20675-51-8	0.12	0.18	ND	ND	
CBCa	185505-15-1	0.36	0.60	ND	ND	

Test Comment: Cannabinoid results are reported on a dry weight basis when moisture is also included in this report.

Terpenes by HS-GC-FID

Total Terpenes: 1.54 %

Date Completed: 06/25/2025 10:07AM



Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
Limonene	138-86-3	0.00075	0.00150	0.400	4.00	
Other Terpenes				0.310	3.10	
beta-Caryophyllene	87-44-5	0.00075	0.00150	0.254	2.54	
Guaiol	489-86-1	0.00075	0.00150	0.120	1.20	
Humulene	6753-98-6	0.00150	0.00300	0.0912	0.912	
Linalool	78-70-6	0.00075	0.00150	0.0710	0.710	

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Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
Myrcene	123-35-3	0.00150	0.00300	0.0698	0.698	<div style="width: 60%;"></div>
Nerolidol	142-50-7	0.00300	0.00750	0.0697	0.697	<div style="width: 58%;"></div>
alpha-Bisabolol	515-69-5	0.00150	0.00300	0.0640	0.640	<div style="width: 55%;"></div>
beta-Pinene	127-91-3	0.00075	0.00150	0.0620	0.620	<div style="width: 52%;"></div>
alpha-Pinene	80-56-8	0.00150	0.00300	0.0529	0.529	<div style="width: 45%;"></div>
Camphene	79-92-5	0.00150	0.00300	0.0317	0.317	<div style="width: 30%;"></div>
Caryophyllene Oxide	1139-30-6	0.00150	0.00300	0.0313	0.313	<div style="width: 28%;"></div>
p-Cymene	99-87-6	0.00150	0.00300	0.0262	0.262	<div style="width: 25%;"></div>
Ocimene	13877-91-3	0.00150	0.00300	0.0247	0.247	<div style="width: 22%;"></div>
Terpinolene	586-62-9	0.00075	0.00150	0.0247	0.247	<div style="width: 20%;"></div>
Geraniol	106-24-1	0.00075	0.00150	0.0239	0.239	<div style="width: 18%;"></div>
Isopulegol	89-79-2	0.00150	0.00300	0.0225	0.225	<div style="width: 15%;"></div>
gamma-Terpinene	99-85-4	0.00150	0.00300	0.0210	0.210	<div style="width: 12%;"></div>
alpha-Terpinene	99-86-5	0.00150	0.00300	0.0207	0.207	<div style="width: 10%;"></div>
Eucalyptol	470-82-6	0.00150	0.00300	0.0205	0.205	<div style="width: 8%;"></div>
3-Carene	13466-78-9	0.00150	0.00300	ND	ND	

Test Comment: Results are reported on a dry weight basis when moisture is also included in this report.
 Other Terpenes is a sum of individual terpenes: camphene, carene, ocimene, terpinene, p-cymene, terpinolene, isopulegol, geraniol and guaial.

Foreign Matter by Microscope		Pass			Date Completed: 06/24/2025 2:11PM	
Compound	LOD (%)	LOQ (%)	Limits (%)	Result (%)	Status	
Filth	0.5	1	2	ND	Pass	

Comment: Foreign Matter by Microscope Visual Inspection

Moisture by Moisture Balance		Pass			Date Completed: 06/24/2025 2:11PM	
Compound	LOD (%)	LOQ (%)	Limits (%)	Result (%)	Status	

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Moisture by Moisture Balance

Pass

Date Completed: 06/24/2025 2:11PM

Compound	LOD (%)	LOQ (%)	Limits (%)	Result (%)	Status
Moisture	0.01	0.5	15	11.1	Pass

Water Activity by Aw Probe

Pass

Date Completed: 06/24/2025 2:11PM

Compound	LOD (Aw)	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status
Water Activity	0.01	0.05	0.65	0.51	Pass

Pesticides by LC-MS/MS

Pass

Date Completed: 06/25/2025 10:39AM

Compound	LOD (ppm)	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Abamectins	0.008	0.020	<0.5	ND	Pass
Azoxystrobin	0.020	0.051	<0.2	ND	Pass
Bifenazate	0.020	0.049	<0.2	ND	Pass
Etoxazole	0.020	0.050	<0.2	ND	Pass
Imazalil	0.020	0.100	<0.2	ND	Pass
Imidacloprid	0.020	0.100	<0.4	ND	Pass
Malathion	0.020	0.100	<0.2	ND	Pass
Myclobutanil	0.020	0.100	<0.2	ND	Pass
Permethrins	0.008	0.021	<0.2	ND	Pass
Spinosad	0.003	0.007	<0.2	ND	Pass
Spiromesifen	0.020	0.050	<0.2	ND	Pass
Spirotetramat	0.020	0.049	<0.2	ND	Pass
Tebuconazole	0.020	0.050	<0.4	ND	Pass

Comment: Pesticide results are reported on a dry weight basis when moisture is also included in this report.

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Mimosa-Flower

Metals by ICP-MS

Pass

Date Completed: 06/25/2025 8:59AM

Compound	LOD (ppm)	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Arsenic	0.009	0.03	<0.2	ND	Pass
Cadmium	0.006	0.02	<0.2	<LOQ	Pass
Lead	0.012	0.04	<0.5	ND	Pass
Mercury	0.015	0.05	<0.1	ND	Pass

Comment: Metals results are reported on a dry weight basis when moisture is also included in this report.

Microbials by qPCR

Pass

Date Completed: 06/25/2025 1:37PM

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Aspergillus Flavus	1		<1	Not Detected	Pass
Aspergillus fumigatus	1		<1	Not Detected	Pass
Aspergillus niger	1		<1	Not Detected	Pass
Aspergillus terreus	1		<1	Not Detected	Pass
Salmonella	1		<1	Not Detected	Pass
STEC	1		<1	Not Detected	Pass

Comment: Aspergillus, Salmonella & STEC analysis by qPCR

Total Yeast and Mold

Pass

Date Completed: 06/26/2025 2:10PM

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Total Yeast and Mold	1000	1000	<10000	ND	Pass

Comment: Total Yeast and Mold by 3M Petrifilm

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