

Fire Mountain Farms LLC

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

Certificate of Analysis

Final



Date Released: 8/15/2025 2:42:35PM

Report #: 187109

OGKB- Flower

Sample #: 67210, Weight: 6.90g, Unit Count:

Order #: X250811-0003

Category/Type: Plant, Flower - Cured

Date Collected: 8/11/2025 3:51:09PM

Date Received: 8/11/2025 4:55:44PM

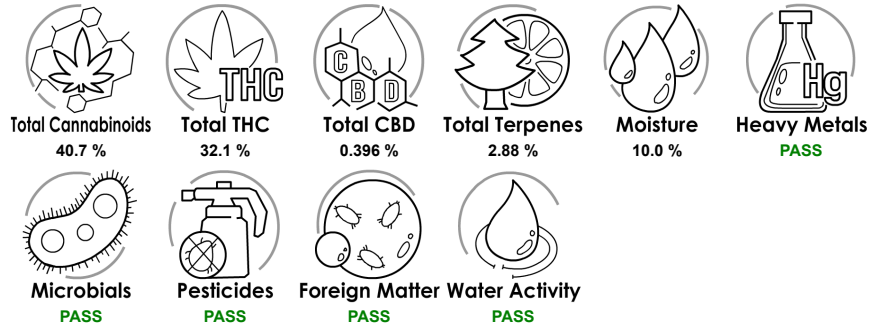
Date Analyzed: 8/15/2025 12:57:01PM

METRC Sample ID: 1A40E010001330B000007879

METRC Source Package ID:

1A40E010001330B000007866

METRC Batch ID: OGKB RM 1 7/28



Cannabinoids by LC-DAD

Total Cannabinoids: **40.7 %**

Total THC: **32.1 %**

Total CBD: **0.396 %**

Date Completed: 08/14/2025 4:10PM

Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.18	0.24	36.0	360	<div style="width: 36.0%;"></div>
CBGa	25555-57-1	0.06	0.12	2.27	22.7	<div style="width: 2.27%;"></div>
CBCa	185505-15-1	0.36	0.60	0.884	8.84	<div style="width: 0.884%;"></div>
d9-THC	1972-08-3	0.24	0.36	0.557	5.57	<div style="width: 0.557%;"></div>
CBG	25654-31-3	0.12	0.18	0.535	5.35	<div style="width: 0.535%;"></div>
CBDa	1244-58-2	0.06	0.12	0.452	4.52	<div style="width: 0.452%;"></div>

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Michelle Speer

Michelle Speer, Laboratory Director
 8/15/2025 3:46:15PM



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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	
THCVa	39986-26-0	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	

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: 2.88 %

Date Completed: 08/13/2025 11:22AM



Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
beta-Caryophyllene	87-44-5	0.00075	0.00150	0.746	7.46	
Limonene	138-86-3	0.00075	0.00150	0.744	7.44	
Humulene	6753-98-6	0.00150	0.00300	0.284	2.84	
Other Terpenes				0.282	2.82	
Linalool	78-70-6	0.00075	0.00150	0.224	2.24	
Myrcene	123-35-3	0.00150	0.00300	0.161	1.61	

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Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
alpha-Pinene	80-56-8	0.00150	0.00300	0.0959	0.959	<div style="width: 95.9%;"></div>
alpha-Bisabolol	515-69-5	0.00150	0.00300	0.0834	0.834	<div style="width: 83.4%;"></div>
beta-Pinene	127-91-3	0.00075	0.00150	0.0693	0.693	<div style="width: 69.3%;"></div>
Nerolidol	142-50-7	0.00300	0.00750	0.0517	0.517	<div style="width: 51.7%;"></div>
Guaiol	489-86-1	0.00075	0.00150	0.0476	0.476	<div style="width: 47.6%;"></div>
Camphene	79-92-5	0.00150	0.00300	0.0440	0.440	<div style="width: 44.0%;"></div>
Ocimene	13877-91-3	0.00150	0.00300	0.0392	0.392	<div style="width: 39.2%;"></div>
Caryophyllene Oxide	1139-30-6	0.00150	0.00300	0.0353	0.353	<div style="width: 35.3%;"></div>
Terpinolene	586-62-9	0.00075	0.00150	0.0338	0.338	<div style="width: 33.8%;"></div>
Isopulegol	89-79-2	0.00150	0.00300	0.0320	0.320	<div style="width: 32.0%;"></div>
Geraniol	106-24-1	0.00075	0.00150	0.0256	0.256	<div style="width: 25.6%;"></div>
gamma-Terpinene	99-85-4	0.00150	0.00300	0.0235	0.235	<div style="width: 23.5%;"></div>
alpha-Terpinene	99-86-5	0.00150	0.00300	0.0225	0.225	<div style="width: 22.5%;"></div>
Eucalyptol	470-82-6	0.00150	0.00300	0.0213	0.213	<div style="width: 21.3%;"></div>
p-Cymene	99-87-6	0.00150	0.00300	0.0210	0.210	<div style="width: 21.0%;"></div>
3-Carene	13466-78-9	0.00150	0.00300	0.0202	0.202	<div style="width: 20.2%;"></div>

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 guaiol.

Foreign Matter by Microscope			Pass	Date Completed: 08/12/2025 1:29PM		
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: 08/12/2025 1:29PM		
Compound	LOD (%)	LOQ (%)	Limits (%)	Result (%)	Status	

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Moisture by Moisture Balance		Pass			Date Completed: 08/12/2025 1:29PM	
Compound	LOD (%)	LOQ (%)	Limits (%)	Result (%)	Status	
Moisture	0.01	0.5	15	10.0	Pass	

Water Activity by Aw Probe		Pass			Date Completed: 08/12/2025 1:29PM	
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: 08/13/2025 12:29PM	
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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OGKB- Flower

Metals by ICP-MS

Pass

Date Completed: 08/14/2025 1:41PM

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	ND	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: 08/13/2025 5:10PM

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: 08/15/2025 12:57PM

Compound	LOD (CFU/g)	LOQ (CFU/g)	Limits (CFU/g)	Result (CFU/g)	Status
Total Yeast and Mold	1000	1000	<10000	9000	Pass

Comment: Total Yeast and Mold by 3M Petrifilm

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