

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: 7/8/2025 12:00:30PM

Report #: 173659

Lemon Cherry Gelato- flower

Sample #: 62663, Weight: 7.10g, Unit Count:

Order #: X250701-0002

Category/Type: Plant, Flower - Cured

Date Collected: 7/1/2025 12:19:35PM

Date Received: 7/1/2025 3:03:51PM

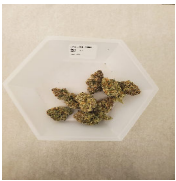
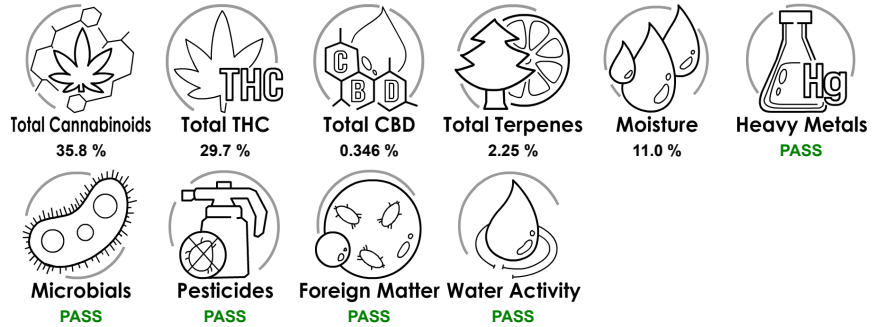
Date Analyzed: 7/6/2025 9:29:12AM

METRC Sample ID: 1A40E010001330B000006400

METRC Source Package ID:

1A40E010001330B000006387

METRC Batch ID: Lemon Cherry Gelato RM 3 6/18



Cannabinoids by LC-DAD		Total Cannabinoids: 35.8 %				Date Completed: 07/03/2025 5:29PM
		Total THC: 29.7 %				
		Total CBD: 0.346 %				
Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
THCa	23978-85-0	0.18	0.24	33.0	330	<div style="width: 100%; height: 10px; background-color: green;"></div>
d9-THC	1972-08-3	0.24	0.36	0.769	7.69	<div style="width: 1%; height: 10px; background-color: green;"></div>
CBGa	25555-57-1	0.06	0.12	0.595	5.95	<div style="width: 1%; height: 10px; background-color: green;"></div>
THCVa	39986-26-0	0.12	0.18	0.528	5.28	<div style="width: 1%; height: 10px; background-color: green;"></div>
CBG	25654-31-3	0.12	0.18	0.517	5.17	<div style="width: 1%; height: 10px; background-color: green;"></div>
CBDa	1244-58-2	0.06	0.12	0.394	3.94	<div style="width: 1%; height: 10px; background-color: green;"></div>

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 580-771-3306



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Michelle Speer

Michelle Speer, Laboratory Director
 7/8/2025 1:04:52PM



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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: 2.25 %

Date Completed: 07/03/2025 12:08PM



Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
Limonene	138-86-3	0.00075	0.00150	0.557	5.57	
Linalool	78-70-6	0.00075	0.00150	0.303	3.03	
beta-Caryophyllene	87-44-5	0.00075	0.00150	0.297	2.97	
Myrcene	123-35-3	0.00150	0.00300	0.279	2.79	
Other Terpenes				0.271	2.71	
Nerolidol	142-50-7	0.00300	0.00750	0.132	1.32	

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Compound	CAS#	LOD (%)	LOQ (%)	%	mg/g	Relative Concentration
Humulene	6753-98-6	0.00150	0.00300	0.0990	0.990	<div style="width: 99%;"></div>
beta-Pinene	127-91-3	0.00075	0.00150	0.0955	0.955	<div style="width: 95.5%;"></div>
alpha-Pinene	80-56-8	0.00150	0.00300	0.0790	0.790	<div style="width: 79%;"></div>
Guaiol	489-86-1	0.00075	0.00150	0.0585	0.585	<div style="width: 58.5%;"></div>
Caryophyllene Oxide	1139-30-6	0.00150	0.00300	0.0413	0.413	<div style="width: 41.3%;"></div>
Camphene	79-92-5	0.00150	0.00300	0.0403	0.403	<div style="width: 40.3%;"></div>
Ocimene	13877-91-3	0.00150	0.00300	0.0288	0.288	<div style="width: 28.8%;"></div>
Geraniol	106-24-1	0.00075	0.00150	0.0288	0.288	<div style="width: 28.8%;"></div>
Terpinolene	586-62-9	0.00075	0.00150	0.0287	0.287	<div style="width: 28.7%;"></div>
alpha-Bisabolol	515-69-5	0.00150	0.00300	0.0270	0.270	<div style="width: 27%;"></div>
p-Cymene	99-87-6	0.00150	0.00300	0.0252	0.252	<div style="width: 25.2%;"></div>
gamma-Terpinene	99-85-4	0.00150	0.00300	0.0228	0.228	<div style="width: 22.8%;"></div>
Isopulegol	89-79-2	0.00150	0.00300	0.0223	0.223	<div style="width: 22.3%;"></div>
alpha-Terpinene	99-86-5	0.00150	0.00300	0.0220	0.220	<div style="width: 22%;"></div>
Eucalyptol	470-82-6	0.00150	0.00300	0.0212	0.212	<div style="width: 21.2%;"></div>
3-Carene	13466-78-9	0.00150	0.00300	ND	ND	<div style="width: 0%;"></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: 07/02/2025 11:45AM		
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: 07/02/2025 11:45AM		
Compound	LOD (%)	LOQ (%)	Limits (%)	Result (%)	Status	

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Moisture by Moisture Balance		Pass			Date Completed: 07/02/2025 11:45AM	
Compound	LOD (%)	LOQ (%)	Limits (%)	Result (%)	Status	
Moisture	0.01	0.5	15	11.0	Pass	

Water Activity by Aw Probe		Pass			Date Completed: 07/02/2025 11:45AM	
Compound	LOD (Aw)	LOQ (Aw)	Limits (Aw)	Result (Aw)	Status	
Water Activity	0.01	0.05	0.65	0.50	Pass	

Pesticides by LC-MS/MS		Pass			Date Completed: 07/03/2025 11:28AM	
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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ACCREDITED
 CERT #6694.01

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Metals by ICP-MS

Pass

Date Completed: 07/03/2025 9:39AM

Compound	LOD (ppm)	LOQ (ppm)	Limits (ppm)	Result (ppm)	Status
Arsenic	0.009	0.03	<0.2	<LOQ	Pass
Cadmium	0.006	0.02	<0.2	ND	Pass
Lead	0.012	0.04	<0.5	<LOQ	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: 07/03/2025 4:35PM

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: 07/06/2025 9:29AM

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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