

# **Certificate of Analysis**

#### **Analytical Test Report**

Client:	Final Report	MCR-S24-01470 Rev.01.00	Laboratory:
Patriot Care Corp			MCR Labs
170 Lincoln Street			85 Speen St. Lower Level
Lowell, MA 01852	Report Date:	23 JANUARY 2024	Framingham, MA 01701
	.,		508-872-6666
	METRC Tag: METRC Source Tag:	1A40A0100000B5F000033237 1A40A0100000B5F000033236	

Sample ID #	Sample Name	Batch	Matrix	Date Received	Date Tested	Sample Weight
MCR-S24- 01470	White Fire OG	WIFI.010524. 3850	Flower	19 January 2024	20-23 January 2024	7.43 g

The test results presented in this report are accurate, complete, and compliant with the MCR Labs quality control criteria.

Authorization

Carlos Cruz

Data Quality Manager



CERT#6562.01

#### **Case Narrative:**

This sample was received by MCR Labs from a RMD agent in a sealed container. The collected data was compared to data collected from analytical reference standards at known concentrations. QA/QC/CV data is available upon request. TAC (Total Active Cannabinoids) calculation on the report includes all quantified and estimated values. Unless specified by regulation, measurement uncertainty is not taken into account when reporting results and making a statement of conformity. Values reported below quantitation limits are for informational purposes.

This report and all information herein shall not be reproduced, except in its entirety, without the expressed consent of MCR Labs. Results apply only to the sample supplied to MCR Labs.

## Requested Testing:

Test	Code	Procedure	Analytes Tested	Disposition
Cannabinoid Profile	CN	MCR-TM-0011	CBDVA, CBDV, CBDA, CBGA, CBG, CBD, THCV, THCVA, CBCV, CBN, D9-THC, D8-THC, CBL, THCA, CBC, CBCA, CBLA, CBT	N/A
Microbiological Screen	MB	MCR-TM-0006 MCR-TM-0012	, , , , , , , , , , , , , , , , , , , ,	
Mycotoxin Screen	MY	MCR-TM-0009	Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Ochratoxin A	
Heavy Metals Screen	НМ	MCR-TM-0008	Arsenic (As), Cadmium (Cd), Lead (Pb), Mercury (Hg)	Pass
Pesticides Screen	PS	MCR-TM-0009	Bifenazate, Bifenthrin, Cyfluthrin, Etoxazole, Imazalil, Imidacloprid, Myclobutanil, Spiromesifen, Trifloxystrobin	Pass
Terpene Screen	TP	MCR-TM-0016*	α-Pinene, Camphene, β-Myrcene, β-Pinene, δ-3-Carene, α-Terpinene, Ocimene, δ-Limonene, p-Cymene, β-Ocimene, Eucalyptol, γ-Terpinene, Terpinolene, Linalool, Isopulegol, Geraniol, β-Caryophyllene, α-Humulene, Nerolidol 1, Nerolidol 2, Guaiol, Caryophyllene Oxide, α-Bisabolol	N/A
Moisture Content	MC	MCR-TM-0019	Moisture Content	N/A

Cannabinoid Profile [MCR-TM-0011]

Total CBD = CBD + CBDA

Analyst: Al/IG/EB

Test Date: 22 Jan 24

Table 1 - S24-01470 White Fire OG WIFI.010524.3850 Flower Cannabinoid Testing

Analyte	Cannabinoid	Conc. (weight %)	Conc. (dry weight %)	LOQ (weight %)	LOD (weight %)
CBDVA	Cannabidivarinic acid	ND	ND	0.05%	0.01%
CBDV	Cannabidivarin	ND	ND	0.05%	0.01%
CBDA	Cannabidiolic acid	0.1%	0.1%	0.05%	0.01%
CBGA	Cannabigerolic acid	1.3%	1.5%	0.05%	0.01%
CBG	Cannabigerol	0.2%	0.2%	0.05%	0.02%
CBD	Cannabidiol	ND	ND	0.05%	0.02%
THCV	Tetrahydrocannabivarin	ND	ND	0.05%	0.01%
THCVA	Tetrahydrocannabivarinic acid	0.4%	0.5%	0.05%	0.02%
CBCV	Cannabichromevarin	ND	ND	0.05%	0.01%
CBN	Cannabinol	ND	ND	0.05%	0.01%
Δ9-ΤΗС	Δ9-Tetrahydrocannabinol	0.9%	1.0%	0.05%	0.01%
Δ8-ΤΗС	Δ8-Tetrahydrocannabinol	ND	ND	0.05%	0.01%
CBL	Cannabicyclol	0.1%	0.1%	0.05%	0.01%
THCA	Tetrahydrocannabinolic acid	17.5%	19.8%	0.05%	0.01%
CBC	Cannabichromene	ND	ND	0.05%	0.01%
CBCA	Cannabichromenic acid	0.2%	0.2%	0.25%	0.02%
CBLA	Cannabicyclolic acid	ND	ND	0.05%	0.01%
CBT	Cannabicitran	ND	ND	0.05%	0.01%
Total Active (	Cannabinoids (sum of above table)	20.7%	23.4%	N/A	N/A
Total THC =	Δ9-THC + THCA	18.4%	20.8%	N/A	N/A

Note: There are no limits established by the Massachusetts Department of Public Health for cannabinoid concentrations. ND = Not Detected. LOQ = Limit of Quantitation. LOD = Limit of Detection.

0.1%

N/A

N/A

0.1%

Microbiological Screen [MCR-TM-0006] Analyst: CG Test Date: 20-23 Jan 24

Table 2 - S24-01470 White Fire OG WIFI.010524.3850 Flower Microbiological Testing

Test ID	Test Analysis	Results	Unit	Limits	Disposition
24-01470-AC	Total Viable Aerobic Bacteria	<100	CFU/g	10 <sup>5</sup> CFU/g	Pass
24-01470-YM	Total Yeast and Mold	<100	CFU/g	10⁴ CFU/g	Pass
24-01470-CC	Total Coliforms	<100	CFU/g	10 <sup>3</sup> CFU/g	Pass
24-01470-EB	Total Bile-Tolerant Gram Negative Bacteria	<100	CFU/g	10 <sup>3</sup> CFU/g	Pass

Note: CFU = colony forming unit. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6.

Pathogenic Bacterial Screen [MCR-TM-0012]

Analyst: MN

Test Date: 21 Jan 24

Table 3 - S24-01470 White Fire OG WIFI.010524.3850 Flower Pathogen Testing

Test ID	Test Analysis	Result	Units	Limits	Disposition
S24-01470-ECPT	STEC	Not Detected	N/A	Not Detected in 1g	Pass
S24-01470-SPT	Salmonella	Not Detected	N/A	Not Detected in 1g	Pass

Note: Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6. NT = Not tested. STEC = Shiga Toxin producing E. coli

Mycotoxin Screen [MCR-TM-0009]

Analyst: IG

Test Date: 22 Jan 24

Table 4 - S24-01470 White Fire OG WIFI.010524.3850 Flower Mycotoxin Testing

Test ID	Test Analysis	Result	LOD (ppb)	LOQ (ppb)	Limits (ppb)	Disposition
S24-01470-AFB1	Aflatoxin B1	Not Detected	3.3	10	20	Pass
S24-01470-AFB2	Aflatoxin B2	Not Detected	3.3	10	20	Pass
S24-01470-AFG1	Aflatoxin G1	Not Detected	3.3	10	20	Pass
S24-01470-AFG2	Aflatoxin G2	Not Detected	3.3	10	20	Pass
S24-01470-OTA	Ochratoxin A	Not Detected	5	10	20	Pass

Note: ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; ppb = parts per billion. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 6.

Heavy Metals Screen [MCR-TM-0008]

Analyst: IG

Test Date: 22 Jan 24

Table 5 - S24-01470 White Fire OG WIFI.010524.3850 Flower Heavy Metal Testing

	Test ID	Test Analysis	Result, ppb	LOD ppb	LOQ ppb	Limits ppb	Dispositi on	Limits (ingestion)	Dispositio n (ingestion)
	S24-01470-HM	Arsenic	ND	39.0	118.1	200	Pass	1500	Pass
l	S24-01470-HM	Cadmium	ND	16.9	76.9	200	Pass	500	Pass
	S24-01470-HM	Mercury	ND	19.3	76.9	100	Pass	1500	Pass
	S24-01470-HM	Lead	ND	19.5	76.9	500	Pass	1000	Pass

Note: ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; BQL = Below Quantitation Limit; ppb = parts per billion. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 4.

Pesticides Screen [MCR-TM-0009]

Analyst: IG

Test Date: 22 Jan 24

Table 6 - S24-01470 White Fire OG WIFI.010524.3850 Flower Pesticide Testing

Test Analysis	Result, ppb	LOD ppb	LOQ ppb	Limits ppb	Disposition
Bifenazate	ND	10	35	10	Pass
Bifenthrin	ND	10	35	10	Pass
Cyfluthrin	ND	10	35	10	Pass
Etoxazole	ND	10	35	10	Pass
Imazalil	ND	10	35	10	Pass
Imidacloprid	ND	10	35	10	Pass
Myclobutanil	ND	10	35	10	Pass
Spiromesifen	ND	10	35	10	Pass
Trifloxystrobin	ND	10	35	10	Pass

Note: ND = Not Detected; LOD = Limit of Detection; LOQ = Limit of Quantitation; ppb = parts per billion; N/A = not available. Testing limits established by the Massachusetts Department of Public Health, Protocol for Sampling and Analysis of Finished Medical Marijuana Products and Marijuana-Infused Products for Massachusetts Registered Medical Marijuana Dispensaries, Exhibit 5.

Terpene Profile [MCR-TM-0016]\*

Analyst: JG

Test Date: 20 Jan 24

Table 7 - S24-01470 White Fire OG WIFI.010524.3850 Flower Terpene Testing

Terpene	Conc. (weight %)*
α-Pinene	0.05%*
Camphene	0.01%*
β-Myrcene	0.46%*
β-Pinene	0.07%*
δ 3-Carene	0.03%*
α-Terpinene	0.03%*
Ocimene	0.01%*
δ-Limonene	0.13%*
p-Cymene	0.01%*
β-Ocimene	0.35%*
Eucalyptol	0.01%*
γ-Terpinene	0.02%*
Terpinolene	0.67%*
Linalool	0.03%*
Isopulegol	0.01%*
Geraniol	0.01%*
β-Caryophyllene	0.10%*
α-Humulene	0.04%*
Nerolidol 1	0.01%*
Nerolidol 2	0.01%*
Guaiol	ND*
Caryophyllene Oxide	0.02%*
α-Bisabolol	0.02%*
Sum	2.10%*

**Note**: ND = Not Detected.

Moisture Content [MCR-TM-0019]	Analyst: GA	Test Date: 22 Jan 24

### Table 8 - S24-01470 White Fire OG WIFI.010524.3850 Flower Moisture Content Testing

Test Analysis	Conc. (weight %)
Moisture Content	11.7%

**Note**: ND = Not Detected.

**END OF REPORT**