

M00004186332: Test Sample - Black Patronus

METRC Sample: 1A40A030000D0FD000002712; METRC Manifest: 0003122443; Metrc Source ID: 1A40A030000D0FD000002709

Sample ID: 2512ANS2870-20673

Produced: 11/17/2025

Client

Strain: Black Patronus

Completed: 12/23/2025

U4EA Farms

Plant, Flower - Cured, Finished Plant Material, Plant Material, N/A

Expiration: 12/23/2026

Lic. # MC283474

Batch ID: (11)Black Patronus_11.17.25

75 Green Street
Clinton, MA 01510

Sample Size: 11.45 g

COC #: 2512ANS2870; Number of Servings: ; Growth Material: Coco Coir; Extraction Solvent: None; Remediated: No; Revision Notes: ; Amended: No; Sample Condition: Intact;



Summary

Test	Date Tested	Result
Cannabinoids	12/22/2025	Complete
Moisture		NR - Complete
Water Activity		NR - Complete
Terpenes	12/18/2025	Complete
Microbials	12/17/2025	Pass
Mycotoxins	12/18/2025	Pass
Pesticides	12/18/2025	Pass
Heavy Metals	12/19/2025	Pass
Product Approved		May be dispensed for all uses

Moisture analyzed per SOP-004

Instrument ID: WA-1
Water Activity analyzed per SOP-020. NT= Not Tested, NR = Not Reported.

Cannabinoids

Complete

20.353%

Total Active THC

ND

Total Active CBD

21.003%

Total Active Cannabinoids

Analyte	LOD	LOQ	Result	Result	Qualifiers
	%	%	%	mg/g	
THCa	0.00002	0.00010	22.161	221.606	
Δ9-THC	0.00002	0.00010	0.918	9.178	
Δ8-THC	0.00002	0.00010	ND	ND	
THCVa	0.00002	0.00010	ND	ND	
THCV	0.00001	0.00010	ND	ND	
CBDA	0.00001	0.00010	ND	ND	
CBD	0.00001	0.00010	ND	ND	
CBDVa	0.00001	0.00010	ND	ND	
CBDV	0.00001	0.00010	ND	ND	
CBNa	0.00004	0.00010	ND	ND	
CBN	0.00002	0.00010	ND	ND	
CBGa	0.00001	0.00010	0.551	5.512	
CBG	0.00002	0.00010	ND	ND	
CBCa	0.00004	0.00010	0.190	1.902	
CBC	0.00001	0.00010	ND	ND	
CBL	0.00003	0.00010	ND	ND	
CBT	0.00002	0.00010	ND	ND	
Total Available THC			23.078	230.784	
Total Active THC			20.353	203.526	
Total Available CBD			ND	ND	
Total Active CBD			ND	ND	
Total Available Cannabinoids			23.820	238.198	
Total Active Cannabinoids			21.003	210.028	

Entered by: 49; Instrument ID: 4; Date Tested: 12/22/2025;

Cannabinoids analyzed by SOP-009. LOD= Limit of Detection, LOQ = Limit of Quantitation, ND = Not Detected. Total Available THC = Δ9-THC + THCa. Total Active THC = Δ9-THC + (THCa0.877). Total Available CBD = CBD + CBDA. Total Active CBD = CBD + (CBDA0.877). Total Active Cannabinoids = THCa0.877+ Δ9 THC+ Δ8 THC+ THCVa0.877+ THCV+ CBDA 0.877 + CBD+ CBDV+ CBDVa 0.877+ CBNA0.877+ CBN + CBGA0.877+ CBG+ CBGA*0.877+CBC+ CBL+ CBT. Total Available Cannabinoids = sum of all detected cannabinoids.



Accreditation #104289

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Lab Director
12/23/2025

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Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
d-Limonene		0.00002	0.0001	0.72	7.150	
β-Caryophyllene		0.00002	0.0001	0.65	6.481	
β-Myrcene		0.00001	0.0001	0.40	3.952	
α-Humulene		0.00002	0.0001	0.28	2.806	
Nerolidol		0.00001	0.0001	0.20	2.032	
Linalool		0.00002	0.0001	0.19	1.851	
(+)-Fenchol		0.00003	0.0001	0.14	1.400	
trans-Farnesol		0.00002	0.0001	0.12	1.221	
β-Pinene		0.00001	0.0001	0.10	1.032	
trans-Ocimene		0.00001	0.0001	0.09	0.874	
α-Pinene		0.00001	0.0001	0.08	0.823	
α-Terpineol		0.00003	0.0001	0.08	0.774	
cis-Farnesol		0.00002	0.0001	0.05	0.512	
β-Farnesene		0.00003	0.0001	0.03	0.278	
Camphene		0.00001	0.0001	0.02	0.164	
α-Bisabolol		0.00002	0.0001	0.01	0.142	
Citronellol		0.00001	0.0001	0.01	0.128	
Caryophyllene Oxide		0.00002	0.0001	0.01	0.098	
(+)-Borneol		0.00002	0.0001	0.01	0.089	
(-)-alpha-Thujone		0.00002	0.0001	ND	ND	
3-Carene		0.00001	0.0001	ND	ND	
α-Cedrene		0.00001	0.0001	ND	ND	
α-Terpinene		0.00001	0.0001	ND	ND	
β-Cedrene		0.00001	0.0001	ND	ND	
Camphor		0.00002	0.0001	ND	ND	
Cedrol		0.00002	0.0001	ND	ND	
cis-Ocimene		0.00001	0.0001	ND	ND	
(S)-(+)-Carvone		0.00002	0.0001	ND	ND	
Total				3.18	31.808	

Primary Aromas

 Orange	 Cinnamon	 Hops	 Apple	 Lavender
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Entered by: 42

Instrument ID: GC-1

Date Tested: 12/18/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Terpenes analyzed by SOP-010. Nerolidol = Sum of Cis and Trans-Nerolidol.



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Terpenes

Analyte	CAS #	LOD	LOQ	Result	Result	Qualifiers
		%	%	%	mg/g	
delta-Valerolactam		0.00002	0.0005	ND	ND	
Eucalyptol		0.00001	0.0001	ND	ND	
γ-Terpinene		0.00002	0.0001	ND	ND	
Geraniol		0.00001	0.0001	ND	ND	
Geranyl Acetate		0.00002	0.0001	ND	ND	
Isobornyl Acetate		0.00002	0.0001	ND	ND	
(-)-Fenchone		0.00002	0.0001	ND	ND	
m-Cymene		0.00002	0.0001	ND	ND	
Menthhol		0.00003	0.0001	ND	ND	
L-Menthone		0.00002	0.0001	ND	ND	
Nerol		0.00002	0.0001	ND	ND	
Nootkatone		0.00002	0.0001	ND	ND	
o-Cymene		0.00002	0.0001	ND	ND	
(-)-Isopulegol		0.00002	0.0001	ND	ND	
(-)-Guaiol		0.00002	0.0001	ND	ND	
Phytane		0.00002	0.0001	ND	ND	
Piperitone		0.00002	0.0001	ND	ND	
R-(-)-α-Phellandrene		0.00001	0.0001	ND	ND	
(+)-Pulegone		0.00002	0.0001	ND	ND	
p-Cymene		0.00001	0.0001	ND	ND	
Sabinene		0.00009	0.0001	ND	ND	
Sabinene Hydrate		0.00002	0.0001	ND	ND	
Safranal		0.00002	0.0001	ND	ND	
Terpinen-4-ol		0.00001	0.0001	ND	ND	
Terpinolene		0.00001	0.0001	ND	ND	
Thymol		0.00002	0.0001	ND	ND	
trans-Citral		0.00002	0.0001	ND	ND	
Valencene		0.00002	0.0001	ND	ND	
Total				3.18	31.808	

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Pesticides

Pass

Analyte	LOD	LOQ	Limit	Result	Qualifiers	Status
	PPB	PPB	PPB	PPB		
Bifenazate	0.1400	0.2500	10.0000	<5.51		Pass
Bifenthrin	0.0040	0.0250	10.0000	<4.96		Pass
Cyfluthrin	0.0050	0.0250	10.0000	<4.96		Pass
Etoazole	0.1630	0.2500	10.0000	<5.51		Pass
Imazalil	0.1730	0.2500	10.0000	<5.51		Pass
Imidacloprid	0.0840	0.2500	10.0000	<5.51		Pass
Myclobutanil	0.1450	0.2500	10.0000	<5.51		Pass
Spiromesifen	0.1600	0.2500	10.0000	<5.51		Pass
Trifloxystrobin	0.1330	0.2500	10.0000	<5.51		Pass

Entered by: 10
Instrument ID 1: LCMS-2
Instrument ID 2: GCMS-4
Date Tested (LC): 12/18/2025
Date Tested (GC): 12/18/2025
LOD= Limit of Detection, LOQ = Limit of Quantitation. Pesticides analyzed by SOP-008



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Microbials

Pass

Analyte	Limit	Results	Qualifiers	Status
	CFU/g	CFU/g		
(ECPT) E. coli (O157)	Not Detected in 1g	Not Detected		Pass
(SPT) Salmonella	Not Detected in 1g	Not Detected		Pass
(AC) Total Viable Aerobic Bacteria	100000	<100		Pass
(YM) Total Yeast & Mold	10000	<2500		Pass
(EB) Total Bile-Tolerant Gram Negative Bacteria	1000	<100		Pass
(CC) Total Coliforms	1000	<100		Pass
Hop-Latent Viroid	1	NR		NT
Cannabis Cryptic Virus	1	NR		NT
Lettuce Chlorosis Virus	1	NR		NT

Entered by: 53/60

Instrument ID: PCR-1

Date Tested: 12/17/2025

qPCR analysis of Total Yeast and Mold analyzed by SOP-015. Total Aerobic bacteria, Bile-Tolerant Gram-negative bacteria, total Coliforms are analyzed by SOP-006. Shiga Toxin Producing Escherichia coli and Salmonella spp. are analyzed by SOP-019. Viruses analyzed by SOP-016, are non-compliant, and NOT ISO accredited. NR = Not Reported, NT = Not Tested, TNTC = Too Numerous To Count.

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Total Aflatoxins	0.1	0.2	20.0	ND		Pass
Ochratoxin A	0.1	0.5	20.0	ND		Pass

Entered by: 10

Instrument ID: LCMS-2

Date Tested: 12/17/2025

LOD= Limit of Detection, LOQ = Limit of Quantitation. Mycotoxins analyzed by SOP-008.

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Results	Qualifiers	Status
	ug/kg	ug/kg	ug/kg	ug/kg		
Arsenic	0.177	0.500	200.000	ND		Pass
Cadmium	0.139	0.500	200.000	ND		Pass
Lead	0.046	0.500	500.000	ND		Pass
Mercury	0.031	0.200	100.000	ND		Pass

Entered by: 55

Instrument ID: ICPMS-2

Date Tested: 12/17/2025

LOD = Limit of Detection, LOQ = Limit of Quantitation. Heavy Metals analyzed by SOP-005



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