



Certificate of Analysis

Pages 1 of 5

FOR COMPLIANCE

PASSED



Harvest/Lot ID:
1A4120300000A38000002863
Batch #: HEP-BFLW-DR-1758
Production Method: Cured
Total Amount: 4500 units
Retail Product Size: 3.5 gram
Retail Serving Size: 3.5 gram
Servings: 1
Metric Package #:
1A4120300000A38000002866
Metric Source Package #:
1A4120300000A38000002863

Lab ID: AL60521006-008
Sampled Date: 05/21/26
Sample Collection Time: 01:30 PM
Sampling End: 02:00 PM
Sampling Method: SOP.T.20.010.NY
Sample Size: 20 units
Completed: 05/28/26
Manifest #: 0000233964

Hepworth Ag, Inc.

1637 Route 9W
Milton, NY, 12547, US
License #: OCM-PROC-25-000251

SAFETY RESULTS

MISC.



Pesticide
PASSED



Heavy Metals
PASSED



Microbial
PASSED



Mycotoxins
PASSED



Solvents
NOT TESTED



Filtration/Foreign
Material
PASSED



Water Activity
PASSED



Moisture
Content
PASSED



Terpenes
PASSED



Cannabinoid

PASSED



Total THC
24.2505%

Total THC/Container: 848.7677 mg



Total CBD
<0.1000

Total CBD/Container: 0



Total Cannabinoids
27.6628%

Total Cannabinoids/Container:
968.1994 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	D8-THC	CBN	D9-THC	THCA	THCV
%	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	0.3658	<0.1000	<0.1000	2.5282	24.7689	<0.1000
mg/unit	<3.5000	<3.5000	<3.5000	<3.5000	<3.5000	<3.5000	<3.5000	12.8015	<3.5000	<3.5000	88.4857	866.9122	<3.5000
LOQ	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000	0.1000
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Qualifier

Weight:
0.1778g

Analysis Method: SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date: 05/24/26 16:34:31

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Lab Director

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Erica Troy

Signature
05/28/26
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Kaycha Labs

Hepworth 3.5g Bagged Flower - Derailed
Strain: Derailed
Matrix: Flower
Classification: Raw Plant Material (Final Form)
Type: Flower - Cured



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Hepworth Ag, Inc.

1637 Route 9W
Milton, NY, 12547, US
License # : OCM-PROC-25-000251

Sample: AL60521006-008

Batch #: HEP-BFLW-DR-1758
Harvest/Lot ID: 1A4120300000A38000002863
Seed to sale: 1A4120300000A38000002866

Ordered: 05/21/26
Sampled: 05/21/26
Completed: 05/28/26

PASSED



Label Claim Verification

PASSED

ANALYTES

UNIT LOQ

LIMIT

PASS/FAIL

RESULT

QUALIFIER

Weight:

Analysis Method : N/A

Analyzed Date : 05/24/26 16:34:57



Terpenes

PASSED

ANALYTES

LOQ

LIMIT

PASS/FAIL

RESULT (%)

(MG/UNIT) QUALIFIER

TOTAL TERPENES	0.1000	11.5	PASS	2.7200	95.2000
BETA-CARYOPHYLLENE	0.0040	10	PASS	1.0800	37.8000
LIMONENE	0.0040	10	PASS	0.4200	14.7000
ALPHA-HUMULENE	0.0040	10	PASS	0.3500	12.2500
ALPHA-BISABOLOL	0.0040	10	PASS	0.1700	5.9500
FARNESENE	0.0400	10	PASS	0.1000	3.5000
ALPHA-PINENE	0.0040	10	PASS	0.1000	3.5000
LINALOOL	0.0040	10	PASS	0.0900	3.1500
BETA-PINENE	0.0040	10	PASS	0.0900	3.1500
GUAIOL	0.0040	10	PASS	0.0600	2.1000
OCIMENE	0.0040	10	PASS	0.0600	2.1000
FENCHYL ALCOHOL	0.0040	10	PASS	0.0500	1.7500
ALPHA-TERPINEOL	0.0040	10	PASS	0.0400	1.4000
CARYOPHYLLENE OXIDE	0.0040	10	PASS	0.0400	1.4000
BETA-MYRCENE	0.0040	10	PASS	0.0400	1.4000
CAMPHENE	0.0040	10	PASS	0.0100	0.3500
TERPINOLENE	0.0040	10	PASS	0.0100	0.3500
VALENCENE	0.0040	10	PASS	0.0100	0.3500
GERANIOL	0.0040	10	PASS	<0.0040	<0.1400
MENTHOL	0.0040	10	PASS	<0.0040	<0.1400
ALPHA-PHELLANDRENE	0.0040	10	PASS	<0.0040	<0.1400
ALPHA-TERPINENE	0.0040	10	PASS	<0.0040	<0.1400

Weight:

1.0397g

Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY

Analyzed Date : 05/23/26 09:06:03



Pesticide

PASSED

ANALYTES

UNIT LOQ

LIMIT

PASS/FAIL

RESULT

QUALIFIER

PRALLETHRIN	ppm	0.1000	0.2	PASS	<0.1000
ACEQUINOCYL	ppm	0.1000	2	PASS	<0.1000
PYRETHRINS, TOTAL	ppm	0.1000	1	PASS	<0.1000
AZADIRACTIN	ppm	0.1000	1	PASS	<0.1000
INDOLE-3-BUTYRIC ACID	ppm	0.1000	1	PASS	<0.1000
MYCLOBUTANIL	ppm	0.1000	0.2	PASS	<0.1000
PIPERONYL BUTOXIDE	ppm	0.1000	2	PASS	<0.1000
ABAMECTIN B1A	ppm	0.1000	0.5	PASS	<0.1000
ACEPHATE	ppm	0.1000	0.4	PASS	<0.1000
ACETAMIPRID	ppm	0.1000	0.2	PASS	<0.1000
ALDICARB	ppm	0.1000	0.4	PASS	<0.1000

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Erica Troy

Signature
05/28/26

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Kaycha Labs

Hepworth 3.5g Bagged Flower - Derailed
Strain: Derailed
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Classification: Raw Plant Material (Final Form)
Type: Flower - Cured



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1637 Route 9W
Milton, NY, 12547, US
License # : OCM-PROC-25-000251

Sample: AL60521006-008

Batch #: HEP-BFLW-DR-1758
Harvest/Lot ID: 1A4120300000A38000002863
Seed to sale: 1A4120300000A38000002866

Ordered: 05/21/26
Sampled: 05/21/26
Completed: 05/28/26

PASSED



Pesticide

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
AZOXYSTROBIN	ppm	0.1000	0.2	PASS	<0.1000	
CHLORMEQUAT CHLORIDE	ppm	0.1000	1	PASS	<0.1000	
BIFENAZATE	ppm	0.1000	0.2	PASS	<0.1000	
BIFENTHRIN	ppm	0.1000	0.2	PASS	<0.1000	
CARBARYL	ppm	0.1000	0.2	PASS	<0.1000	
CHLORPYRIFOS	ppm	0.1000	0.2	PASS	<0.1000	
COUMAPHOS	ppm	0.1000	1	PASS	<0.1000	
DAMINOZIDE	ppm	0.1000	1	PASS	<0.1000	
CARBOFURAN	ppm	0.1000	0.2	PASS	<0.1000	
BOSCALID	ppm	0.1000	0.4	PASS	<0.1000	
CHLORANTRANILIPROLE	ppm	0.1000	0.2	PASS	<0.1000	
DIAZINON	ppm	0.1000	0.2	PASS	<0.1000	
CLOFENTEZINE	ppm	0.1000	0.2	PASS	<0.1000	
DICHLORVOS	ppm	0.1000	1	PASS	<0.1000	
DIMETHOATE	ppm	0.1000	0.2	PASS	<0.1000	
DIMETHOMORPH	ppm	0.1000	1	PASS	<0.1000	
ETHOPROPHOS	ppm	0.1000	0.2	PASS	<0.1000	
ETOFENPROX	ppm	0.1000	0.4	PASS	<0.1000	
ETOXAZOLE	ppm	0.1000	0.2	PASS	<0.1000	
FENHEXAMID	ppm	0.1000	1	PASS	<0.1000	
FENOXYCARB	ppm	0.1000	0.2	PASS	<0.1000	
FENPYROXIMATE	ppm	0.1000	0.4	PASS	<0.1000	
FIPRONIL	ppm	0.1000	0.4	PASS	<0.1000	
FLONICAMID	ppm	0.1000	1	PASS	<0.1000	
FLUDIOXONIL	ppm	0.1000	0.4	PASS	<0.1000	
HEXYTHIAZOX	ppm	0.1000	1	PASS	<0.1000	
IMAZALIL	ppm	0.1000	0.2	PASS	<0.1000	
IMIDACLOPRID	ppm	0.1000	0.4	PASS	<0.1000	
KRESOXIM METHYL	ppm	0.1000	0.4	PASS	<0.1000	
MALATHION	ppm	0.1000	0.2	PASS	<0.1000	
METALAXYL	ppm	0.1000	0.2	PASS	<0.1000	
METHIOCARB	ppm	0.1000	0.2	PASS	<0.1000	
METHOMYL	ppm	0.1000	0.4	PASS	<0.1000	
MEVINPHOS	ppm	0.1000	1	PASS	<0.1000	
NALED	ppm	0.1000	0.5	PASS	<0.1000	
OXAMYL	ppm	0.1000	1	PASS	<0.1000	
PACLOBUTRAZOL	ppm	0.1000	0.4	PASS	<0.1000	
PERMETHRIN	ppm	0.1000	0.2	PASS	<0.1000	
PHOSMET	ppm	0.1000	0.2	PASS	<0.1000	
PROPICONAZOLE	ppm	0.1000	0.4	PASS	<0.1000	
PROPOXUR	ppm	0.1000	0.2	PASS	<0.1000	
PYRIDABEN	ppm	0.1000	0.2	PASS	<0.1000	
SPINETORAM, TOTAL	ppm	0.1000	1	PASS	<0.1000	
SPINOSAD, TOTAL	ppm	0.1000	0.2	PASS	<0.1000	
SPIROMESIFEN	ppm	0.1000	0.2	PASS	<0.1000	
SPIROTETRAMAT	ppm	0.1000	0.2	PASS	<0.1000	
SPIROXAMINE	ppm	0.1000	0.2	PASS	<0.1000	
TEBUCONAZOLE	ppm	0.1000	0.4	PASS	<0.1000	
THIACLOPRID	ppm	0.1000	0.2	PASS	<0.1000	
THIAMETHOXAM	ppm	0.1000	0.2	PASS	<0.1000	
TRIFLOXYSTROBIN	ppm	0.1000	0.2	PASS	<0.1000	
CAPTAN	ppm	0.1000	1	PASS	<0.1000	
CHLORDANE	ppm	0.1000	1	PASS	<0.1000	
CHLORFENAPYR	ppm	0.1000	1	PASS	<0.1000	

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Seed to sale: 1A4120300000A38000002866

Ordered: 05/21/26
Sampled: 05/21/26
Completed: 05/28/26

PASSED



Pesticide

PASSED

ANALYTES

	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
CYFLUTHRIN	ppm	0.1000	1	PASS	<0.1000	
CYPERMETHRIN	ppm	0.1000	1	PASS	<0.1000	
METHYL PARATHION	ppm	0.1000	0.2	PASS	<0.1000	
MGK-264	ppm	0.1000	0.2	PASS	<0.1000	
PENTACHLORONITROBENZENE	ppm	0.1000	1	PASS	<0.1000	

Weight:
0.946g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY
Analyzed Date : 05/26/26 11:23:53

Weight:
0.946g

Analysis Method : SOP.T.40.154.NY
Analyzed Date : 05/24/26 16:31:42



Microbial

PASSED

ANALYTES

	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AEROBIC BACTERIA	CFU/g	10		TESTED	1500	
TOTAL YEAST AND MOLD	CFU/g	10		TESTED	15000	
ESCHERICHIA COLI/SHIGELLA			Not Present	PASS	Not Present	
SALMONELLA SPECIES			Not Present	PASS	Not Present	
ASPERGILLUS TERREUS			Not Present	PASS	Not Present	
ASPERGILLUS NIGER			Not Present	PASS	Not Present	
ASPERGILLUS FLAVUS			Not Present	PASS	Not Present	
ASPERGILLUS FUMIGATUS			Not Present	PASS	Not Present	

Weight:
1.14g

Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.056C, SOP.T.40.209.NY
Analyzed Date : 05/28/26 13:05:27



Mycotoxins

PASSED

ANALYTES

	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AFLATOXINS (B1, B2, G1, G2)	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN G2	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN G1	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN B2	ppm	0.0100	0.02	PASS	<0.0100	
AFLATOXIN B1	ppm	0.0100	0.02	PASS	<0.0100	
OCHRATOXIN A+	ppm	0.0100	0.02	PASS	<0.0100	

Weight:
0.946g

Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY
Analyzed Date : 05/26/26 11:21:16

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Seed to sale: 1A4120300000A38000002866

Ordered: 05/21/26
Sampled: 05/21/26
Completed: 05/28/26

PASSED



Water Activity

PASSED

ANALYTES

WATER ACTIVITY

UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
aw	0.10	0.65	PASS	0.32	

Weight:
0.3635g

Analysis Method : SOP.T.40.019
Analyzed Date : 05/22/26 16:04:40



Moisture Content

PASSED

ANALYTES

MOISTURE CONTENT

UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
%	1.0	15	PASS	7.7	

Weight:
0.924g

Analysis Method : SOP.T.40.021
Analyzed Date : 05/23/26 18:04:47



Heavy Metals

PASSED

ANALYTES

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
ANTIMONY	ug/g	0.1000	2	PASS	<0.1000	
ARSENIC	ug/g	0.1000	0.2	PASS	<0.1000	
CADMIUM	ug/g	0.1000	0.2	PASS	<0.1000	
CHROMIUM	ug/g	1.0000	110	PASS	<1.0000	
COPPER	ug/g	1.0000	30	PASS	17.4818	
LEAD	ug/g	0.1000	0.5	PASS	0.1852	
MERCURY	ug/g	0.0100	0.1	PASS	<0.0100	
NICKEL	ug/g	0.1000	5	PASS	1.0345	

Weight:
0.548g

Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY
Analyzed Date : 05/22/26 10:35:38



Filtration/Foreign Material

PASSED

ANALYTES

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
FOREIGN MATTER	%	0.10	2	PASS	ND	
MAMMALIAN EXCRETA	mg	0.10	1	PASS	ND	
STEMS (>3MM)	%	1.00	5	PASS	ND	

Weight:
62.835g

Analysis Method : SOP.T.40.090
Analyzed Date : 05/21/26 15:36:22

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