



# Certificate of Analysis

## FOR COMPLIANCE

## PASSED



**Batch #:** HEP-BFLW-GMOR-1152  
**Production Method:** Cured  
**Total Amount:** 10000 units  
**Retail Product Size:** 3.5 gram  
**Retail Serving Size:** 3.5 gram  
**Servings:** 1  
**Metric Package #:**  
1A4120300000A38000000663

**Lab ID:** AL60114001-003  
**Sampled Date:** 01/14/26  
**Sample Collection Time:** 12:00 PM  
**Sampling End:** 01:15 PM  
**Sampling Method:** SOP.T.20.010.NY  
**Sample Size:** 20 units  
**Completed:** 01/18/26  
**Manifest #:** 56151

### 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**



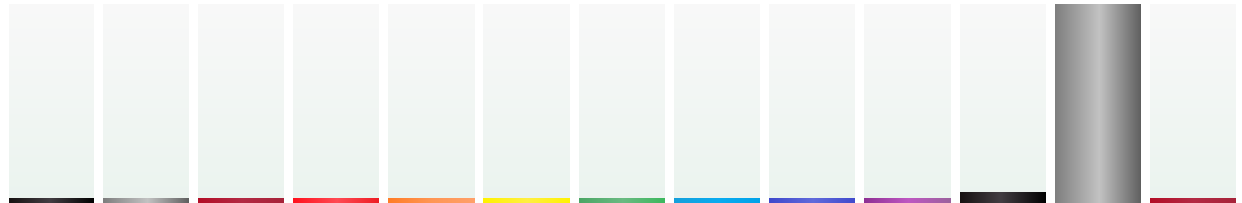
**Total THC**  
**25.3453%**  
Total THC : 887.0854 mg



**Total CBD**  
**<0.1000**  
Total CBD : 0



**Total Cannabinoids**  
**29.6330%**  
Total Cannabinoids/Container :  
1037.1539 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	0.1121	<0.1000	<0.1000	<0.1000	0.1368	0.7245	<0.1000	<0.1000	1.7146	26.9449	<0.1000
mg/unit	<3.5000	<3.5000	3.9231	<3.5000	<3.5000	<3.5000	4.7894	25.3580	<3.5000	<3.5000	60.0103	943.0731	<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:  
0.2257g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 01/16/26 08:44:54

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**Erica Troy**  
Lab Director

State License # OCM-  
CPL-2022-00006  
ISO 17025 Accreditation #  
97164



Signature  
01/18/26  
Laboratory License #: OCM-  
CPL-24-00006-L1



# Certificate of Analysis

**Hepworth Ag, Inc.**


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

**Sample: AL60114001-003**

**Batch #:** HEP-BFLW-GMOR-1152  
**Seed to sale:** 1A4120300000A38000000663

**Ordered:** 01/13/26  
**Sampled:** 01/14/26  
**Completed:** 01/18/26

**PASSED**



## Label Claim Verification

**PASSED**

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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Weight:

Analysis Method : N/A

Analyzed Date : 01/16/26 08:46:35



## Terpenes

**PASSED**


ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/UNIT)	QUALIFIER
TOTAL TERPENES		0.1000	11.5	PASS	2.0500	71.7500	
BETA-CARYOPHYLLENE		0.0040	10	PASS	0.7400	25.9000	
LIMONENE		0.0040	10	PASS	0.3400	11.9000	
ALPHA-HUMULENE		0.0040	10	PASS	0.2400	8.4000	
ALPHA-BISABOLOL		0.0040	10	PASS	0.1500	5.2500	
FARNESENE		0.0400	10	PASS	0.1200	4.2000	
LINALOOL		0.0040	10	PASS	0.0900	3.1500	
GUAIOL		0.0040	10	PASS	0.0600	2.1000	
BETA-MYRCENE		0.0040	10	PASS	0.0600	2.1000	
BETA-PINENE		0.0040	10	PASS	0.0500	1.7500	
FENCHYL ALCOHOL		0.0040	10	PASS	0.0400	1.4000	
ALPHA-PINENE		0.0040	10	PASS	0.0400	1.4000	
ALPHA TERPINEOL		0.0040	10	PASS	0.0300	1.0500	
CARYOPHYLLENE OXIDE		0.0040	10	PASS	0.0300	1.0500	
OCIMENE		0.0040	10	PASS	0.0200	0.7000	
TERPINOLENE		0.0040	10	PASS	0.0200	0.7000	
CAMPHENE		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:

0.9337g

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

Analyzed Date : 01/15/26 08:46:09



## 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	
AZOXYSTROBIN	ppm	0.1000	0.2	PASS	<0.1000	

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**Erica Troy**

Lab Director

State License # OCM-  
CPL-2022-00006  
ISO 17025 Accreditation #  
97164



Signature  
01/18/26

Laboratory License #: OCM-  
CPL-24-00006-L1



1 Winners Circle  
Albany, NY, 12205, US  
(833) 465-8378

Kaycha Labs  
.....  
Hepworth - Bagged Flower - 3.5g - GMO Rootbeer  
Strain: GMO Rootbeer  
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: AL60114001-003**

**Batch #:** HEP-BFLW-GMOR-1152  
**Seed to sale:** 1A4120300000A380000000663

**Ordered:** 01/13/26  
**Sampled:** 01/14/26  
**Completed:** 01/18/26

**PASSED**



**Pesticide**

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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	
CYFLUTHRIN	ppm	0.1000	1	PASS	<0.1000	

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Signature  
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**Sample: AL60114001-003**

**Batch #:** HEP-BFLW-GMOR-1152  
**Seed to sale:** 1A4120300000A380000000663

**Ordered:** 01/13/26  
**Sampled:** 01/14/26  
**Completed:** 01/18/26

**PASSED**



## Pesticide

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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:**  
1.0018g

**Analysis Method :** SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY  
**Analyzed Date :** 01/15/26 12:38:55

**Weight:**  
1.0018g

**Analysis Method :** SOP.T.40.154.NY  
**Analyzed Date :** 01/15/26 12:28:15



## Microbial

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AEROBIC BACTERIA	CFU/g	100		TESTED	<100	
TOTAL YEAST AND MOLD	CFU/g	100		TESTED	300	
ESCHERICHIA COLI/SHIGELLA SPP.			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:**  
0.8125g

**Analysis Method :** SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.056C, SOP.T.40.209.NY  
**Analyzed Date :** 01/18/26 09:22:16



## 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:**  
1.0018g

**Analysis Method :** SOP.T.30.104.NY, SOP.T.40.104.NY  
**Analyzed Date :** 01/15/26 12:55:58

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**Batch #:** HEP-BFLW-GMOR-1152  
**Seed to sale:** 1A4120300000A38000000663

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**Completed:** 01/18/26

**PASSED**



## Water Activity

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
WATER ACTIVITY	aw	0.10	0.65	PASS	0.40	

**Weight:**  
0.3144g

**Analysis Method :** SOP.T.40.019  
**Analyzed Date :** 01/14/26 14:44:02



## Moisture Content

PASSED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
MOISTURE CONTENT	%	1.0	15	PASS	5.7	

**Weight:**  
1.169g

**Analysis Method :** SOP.T.40.021  
**Analyzed Date :** 01/14/26 14:55:46



## Heavy Metals

PASSED

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	0.1410	
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	17.4565	
LEAD	ug/g	0.1000	0.5	PASS	0.1007	
MERCURY	ug/g	0.0100	0.1	PASS	<0.0100	
NICKEL	ug/g	0.1000	5	PASS	0.4007	

**Weight:**  
0.5294g

**Analysis Method :** SOP.T.30.084.NY, SOP.T.40.084.NY  
**Analyzed Date :** 01/15/26 13:02:38



## Filtration/Foreign Material

PASSED

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:**  
21.876g

**Analysis Method :** SOP.T.40.090  
**Analyzed Date :** 01/14/26 10:45:57

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