



Certificate of Analysis

Pages 1 of 5

FOR R&D

TESTED



Harvest/Lot ID:
1A4120300000A38000001202
Batch #: 1A4120300000A38000001202
Production Method: Ethanol
Total Amount: 10 gram
Retail Product Size: 01 gram
Retail Serving Size: 1 gram
Servings: 1
Metrc Package #:
1A4120300000A38000002155
Metrc Source Package # :
1A4120300000A38000001202

Lab ID: AL60326016-001
Sampled Date: 03/26/26
Sample Collection Time: 12:00 PM
Sampling End: 12:30 PM
Sampling Method: SOP.T.20.010.NY
Sample Size: 10 gram
Completed: 04/03/26
Manifest #: 0000156676

Hepworth Ag, Inc.

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

SAFETY RESULTS

MISC.

								
Pesticide TESTED	Heavy Metals TESTED	Microbial TESTED	Mycotoxins TESTED	Solvents TESTED	Filtration/Foreign Material NOT TESTED	Water Activity NOT TESTED	Moisture Content NOT TESTED	Terpenes TESTED



Cannabinoid

TESTED



Total THC
76.5787%
Total THC : 765.7874 mg



Total CBD
0.3050%
Total CBD : 3.0500 mg



Total Cannabinoids
87.5510%
Total Cannabinoids/Container :
875.5100 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	D8-THC	CBN	D9-THC	THCA	THCV
%	ND	0.0170	1.4410	0.3050	ND	ND	4.4020	ND	ND	0.8720	76.5100	0.0590	3.9450
mg/g	ND	0.1700	14.4100	3.0500	ND	ND	44.0200	ND	ND	8.7200	765.1000	0.5900	39.4500
LOQ	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020	0.0020
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Qualifier

Weight:
0.1602g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 03/31/26 11:31:17

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Erica Troy
Lab Director

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

Signature
04/03/26
Laboratory License #: OCM-
CPL-24-00006-L1



Certificate of Analysis

Pages 2 of 5

Hepworth Ag, Inc.

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

Sample: AL60326016-001

Batch #: 1A4120300000A38000001202
Harvest/Lot ID: 1A4120300000A38000001202
Seed to sale: 1A4120300000A38000002155

Ordered: 03/26/26
Sampled: 03/26/26
Completed: 04/03/26

TESTED



Label Claim Verification

TESTED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

Weight:

Analysis Method : N/A

Analyzed Date : 03/31/26 11:31:25



Terpenes

TESTED

ANALYTES

	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/G)	QUALIFIER
TOTAL TERPENES	0.1000	11.5	TESTED	0.9700	9.7000	
ALPHA-BISABOLOL	0.0040	10	TESTED	0.4700	4.7000	
GUAJOL	0.0040	10	TESTED	0.2800	2.8000	
BETA-CARYOPHYLLENE	0.0040	10	TESTED	0.0900	0.9000	
CARYOPHYLLENE OXIDE	0.0040	10	TESTED	0.0800	0.8000	
ALPHA-HUMULENE	0.0040	10	TESTED	0.0500	0.5000	
ALPHA TERPINEOL	0.0040	10	TESTED	0.0100	0.1000	
VALENCENE	0.0040	10	TESTED	0.0100	0.1000	
CAMPHENE	0.0040	10	TESTED	<0.0040	<0.0400	
FARNESENE	0.0040	10	TESTED	<0.0040	<0.0400	
FENCHYL ALCOHOL	0.0040	10	TESTED	<0.0040	<0.0400	
GERANIOL	0.0040	10	TESTED	<0.0040	<0.0400	
LIMONENE	0.0040	10	TESTED	<0.0040	<0.0400	
LINALOOL	0.0040	10	TESTED	<0.0040	<0.0400	
MENTHOL	0.0040	10	TESTED	<0.0040	<0.0400	
OCIMENE	0.0040	10	TESTED	<0.0040	<0.0400	
TERPINOLENE	0.0040	10	TESTED	<0.0040	<0.0400	
ALPHA-PHELLANDRENE	0.0040	10	TESTED	<0.0040	<0.0400	
ALPHA-PINENE	0.0040	10	TESTED	<0.0040	<0.0400	
ALPHA-TERPINENE	0.0040	10	TESTED	<0.0040	<0.0400	
BETA-MYRCENE	0.0040	10	TESTED	<0.0040	<0.0400	
BETA-PINENE	0.0040	10	TESTED	<0.0040	<0.0400	

Weight:

0.8873g

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

Analyzed Date : 04/02/26 12:54:31



Pesticide

TESTED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

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

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Erica Troy

Lab Director

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ISO 17025 Accreditation #
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Erica Troy

Signature
04/03/26

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



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

Kaycha Labs
THC Distillate - Mixed
Matrix: Derivative
Classification: Concentrates / Extracts (Bulk)
Type: Distillate



Certificate of Analysis

Pages 3 of 5

Hepworth Ag, Inc.

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

Sample: AL60326016-001

Batch #: 1A4120300000A38000001202
Harvest/Lot ID: 1A4120300000A38000001202
Seed to sale: 1A4120300000A38000002155

Ordered: 03/26/26
Sampled: 03/26/26
Completed: 04/03/26

TESTED

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

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Lab Director

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Signature
04/03/26
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Sample: AL60326016-001

Batch #: 1A4120300000A38000001202
Harvest/Lot ID: 1A4120300000A38000001202
Seed to sale: 1A4120300000A38000002155

Ordered: 03/26/26
Sampled: 03/26/26
Completed: 04/03/26

TESTED



Pesticide

TESTED

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

Weight:
0.5837g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY
Analyzed Date : 04/03/26 13:32:11

Weight:
0.5837g

Analysis Method : SOP.T.40.154.NY
Analyzed Date : 04/01/26 10:24:40



Residual Solvents

TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
PENTANES, TOTAL	ppm	125.0	5000	TESTED	<125.0	
HEXANE, TOTAL	ppm	125.0	290	TESTED	<125.0	
1,1,1-TRICHLOROETHANE	ppm	375.0	1500	TESTED	<375.0	
DIMETHYL SULFOXIDE	ppm	375.0	5000	TESTED	<375.0	
1,1,1,2-TETRAFLUOROETHANE	ppm	500.0	1000	TESTED	<500.0	
XYLENES, TOTAL	ppm	125.0	2170	TESTED	<125.0	
BUTANES, TOTAL	ppm	750.0	5000	TESTED	<750.0	
PROPANE	ppm	750.0	5000	TESTED	<750.0	
1,2-DICHLOROETHANE	ppm	1.2	5	TESTED	<1.2	
METHANOL	ppm	125.0	3000	TESTED	<125.0	
ETHANOL	ppm	125.0	5000	TESTED	<125.0	
ETHYL ETHER	ppm	125.0	5000	TESTED	<125.0	
ACETONE	ppm	125.0	5000	TESTED	<125.0	
2-PROPANOL	ppm	125.0	5000	TESTED	<125.0	
ACETONITRILE	ppm	125.0	410	TESTED	<125.0	
DICHLOROMETHANE	ppm	125.0	600	TESTED	<125.0	
ETHYL ACETATE	ppm	125.0	5000	TESTED	<125.0	
BENZENE	ppm	1.2	2	TESTED	<1.2	
N-HEPTANE	ppm	125.0	5000	TESTED	<125.0	
TOLUENE	ppm	125.0	890	TESTED	<125.0	
CHLOROFORM	ppm	1.2	60	TESTED	<1.2	

Weight:
0.0217g

Analysis Method : SOP.T.40.044.NY
Analyzed Date : 04/03/26 13:27:48



Microbial

TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
TOTAL AEROBIC BACTERIA	CFU/g	100	10000	TESTED	<100	

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04/03/26
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Kaycha Labs
THC Distillate - Mixed
Matrix: Derivative
Classification: Concentrates / Extracts (Bulk)
Type: Distillate



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Seed to sale: 1A4120300000A38000002155

Ordered: 03/26/26
Sampled: 03/26/26
Completed: 04/03/26

TESTED



Microbial

TESTED

ANALYTES

TOTAL YEAST AND MOLD
ESCHERICHIA COLI/SHIGELLA SPP.
SALMONELLA SPECIES
ASPERGILLUS TERREUS
ASPERGILLUS NIGER
ASPERGILLUS FLAVUS
ASPERGILLUS FUMIGATUS

UNIT LOQ
CFU/g 100

LIMIT
1000
Not Present
Not Present
Not Present
Not Present
Not Present

PASS/FAIL
TESTED
TESTED
TESTED
TESTED
TESTED
TESTED

RESULT
<100
Not Present
Not Present
Not Present
Not Present
Not Present

QUALIFIER

Weight:
0.945g

Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.056C, SOP.T.40.209.NY
Analyzed Date : 03/31/26 11:43:05



Mycotoxins

TESTED

ANALYTES

TOTAL AFLATOXINS (B1, B2, G1, G2)
AFLATOXIN G2
AFLATOXIN G1
AFLATOXIN B2
AFLATOXIN B1
OCHRATOXIN A+

UNIT LOQ
ppm 0.0100
ppm 0.0100
ppm 0.0100
ppm 0.0100
ppm 0.0100
ppm 0.0100

LIMIT
0.02
0.02
0.02
0.02
0.02
0.02

PASS/FAIL
TESTED
TESTED
TESTED
TESTED
TESTED
TESTED

RESULT
<0.0100
<0.0100
<0.0100
<0.0100
<0.0100
<0.0100

QUALIFIER

Weight:
0.5837g

Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY
Analyzed Date : 04/03/26 13:29:46



Heavy Metals

TESTED

ANALYTES

ANTIMONY
ARSENIC
CADMIUM
CHROMIUM
COPPER
LEAD
MERCURY
NICKEL

UNIT LOQ
ug/g 0.1000
ug/g 0.1000
ug/g 0.1000
ug/g 1.0000
ug/g 1.0000
ug/g 0.1000
ug/g 0.1000
ug/g 0.1000

LIMIT
2
0.2
0.2
110
30
0.5
0.1
2

PASS/FAIL
TESTED
TESTED
TESTED
TESTED
TESTED
TESTED
TESTED
TESTED

RESULT
<0.1000
<0.1000
<0.1000
<1.0000
<1.0000
<0.1000
<0.0100
<0.1000

QUALIFIER

Weight:
0.5415g

Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY
Analyzed Date : 03/31/26 17:35:32

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