



Certificate of Analysis

Pages 1 of 5

FOR R&D

TESTED



Batch #: 3037
Production Method: Other Hydrocarbon
Total Amount: 1 units
Retail Product Size: 1 units
Retail Serving Size: 1 units
Servings: 1
Metric Package #: NA
Metric Source Package #: NA

Lab ID: AL51208002-005
Sampled Date: 12/08/25
Sample Collection Time: 02:50 PM
Sampling End: 03:05 PM
Sampling Method: SOP.T.20.010.NY
Sample Size: 1 units
Completed: 12/12/25

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



Filth/Foreign
Material
NOT TESTED



Water Activity
NOT TESTED



Moisture
Content
NOT TESTED



Terpenes
TESTED



Cannabinoid

TESTED



Total THC
82.1790%
Total THC : 821.7900 mg



Total CBD
0.2480%
Total CBD : 2.4800 mg



Total Cannabinoids
89.0470%
Total Cannabinoids/Container :
890.4700 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	1.7960	0.2480	<0.1000	<0.1000	1.9330	<0.1000	<0.1000	1.5680	82.1790	<0.1000	1.3230
mg/unit	<1.0000	<1.0000	17.9600	2.4800	<1.0000	<1.0000	19.3300	<1.0000	<1.0000	15.6800	821.7900	<1.0000	13.2300
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:
0.1482g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 12/10/25 10:20:01

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Erica Troy
Lab Director

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

Erica Troy

Signature
12/12/25



Certificate of Analysis

Pages 2 of 5

Hepworth Ag, Inc.

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

Sample: AL51208002-005

Batch #: 3037
Seed to sale: NA

Ordered: 12/05/25
Sampled: 12/08/25
Completed: 12/12/25

TESTED



Label Claim Verification

TESTED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

Weight:

Analysis Method : N/A
Analyzed Date : 12/10/25 10:47:45



Terpenes

TESTED

ANALYTES

	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/UNIT)	QUALIFIER
TOTAL TERPENES	0.1000	11.5	TESTED	0.5300	5.3000	
ALPHA-BISABOLOL	0.0040	10	TESTED	0.2700	2.7000	
CARYOPHYLLENE OXIDE	0.0040	10	TESTED	0.1000	1.0000	
BETA-CARYOPHYLLENE	0.0040	10	TESTED	0.0700	0.7000	
ALPHA-HUMULENE	0.0040	10	TESTED	0.0400	0.4000	
GUAJOL	0.0040	10	TESTED	0.0300	0.3000	
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	0.0400	10	TESTED	<0.0400	<0.4000	
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:
0.5381g

Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY
Analyzed Date : 12/12/25 10:47:48



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	
AZADIRACTIN	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	
AZOXYSTROBIN	ppm	0.1000	0.2	TESTED	<0.1000	
CHLORMEQUAT CHLORIDE	ppm	0.1000	1	TESTED	<0.1000	

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Erica Troy

Lab Director

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



Signature
12/12/25



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

Kaycha Labs
.....
ROYAL HIGHNESS
Matrix: Derivative
Classification: Unknown
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: AL51208002-005

Batch #: 3037
Seed to sale: NA

Ordered: 12/05/25
Sampled: 12/08/25
Completed: 12/12/25

TESTED



Pesticide

TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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	
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	

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Signature
12/12/25



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Pages 4 of 5

Hepworth Ag, Inc.

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

Sample: AL51208002-005

Batch #: 3037
Seed to sale: NA

Ordered: 12/05/25
Sampled: 12/08/25
Completed: 12/12/25

TESTED



Pesticide

TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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PENTACHLORONITROBENZENE

ppm 0.1000 1 TESTED <0.1000

Weight:
0.4249g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY
Analyzed Date : 12/10/25 14:24:37

Weight:
0.4249g

Analysis Method : SOP.T.40.154.NY
Analyzed Date : 12/12/25 11:15:44



Residual Solvents

TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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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:
0.0276g

Analysis Method : SOP.T.40.044.NY
Analyzed Date : 12/11/25 11:03:45



Microbial

TESTED

ANALYTES	UNIT	LOQ	LIMIT	PASS/FAIL	RESULT	QUALIFIER
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TOTAL AEROBIC BACTERIA

CFU/g 100 10000 TESTED <100

TOTAL YEAST AND MOLD

CFU/g 100 1000 TESTED <100

ESCHERICHIA COLI/SHIGELLA SPP.

Not Present TESTED Not Present

SALMONELLA SPECIES

Not Present TESTED Not Present

ASPERGILLUS TERREUS

Not Present TESTED Not Present

ASPERGILLUS NIGER

Not Present TESTED Not Present

ASPERGILLUS FLAVUS

Not Present TESTED Not Present

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Signature
12/12/25



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

Kaycha Labs
.....
ROYAL HIGHNESS
Matrix: Derivative
Classification: Unknown
Type: Distillate



Certificate of Analysis

Pages 5 of 5

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License # : OCM-PROC-25-000251

Sample: AL51208002-005

Batch #: 3037
Seed to sale: NA

Ordered: 12/05/25
Sampled: 12/08/25
Completed: 12/12/25

TESTED



Microbial

TESTED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

ASPERGILLUS FUMIGATUS

Not Present TESTED Not Present

Weight:
0.8254g

Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.056C, SOP.T.40.209.NY
Analyzed Date : 12/11/25 08:28:33



Mycotoxins

TESTED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

TOTAL AFLATOXINS (B1, B2, G1, G2)

ppm 0.0100 0.02 TESTED <0.0100

AFLATOXIN G2

ppm 0.0100 0.02 TESTED <0.0100

AFLATOXIN G1

ppm 0.0100 0.02 TESTED <0.0100

AFLATOXIN B2

ppm 0.0100 0.02 TESTED <0.0100

AFLATOXIN B1

ppm 0.0100 0.02 TESTED <0.0100

OCHRATOXIN A+

ppm 0.0100 0.02 TESTED <0.0100

Weight:
0.4249g

Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY
Analyzed Date : 12/10/25 14:20:43



Heavy Metals

TESTED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

ANTIMONY

ug/g 0.1000 2 TESTED <0.1000

ARSENIC

ug/g 0.1000 0.2 TESTED <0.1000

CADMIUM

ug/g 0.1000 0.2 TESTED <0.1000

CHROMIUM

ug/g 1.0000 110 TESTED <1.0000

COPPER

ug/g 1.0000 30 TESTED <1.0000

LEAD

ug/g 0.1000 0.5 TESTED <0.1000

MERCURY

ug/g 0.0100 0.1 TESTED <0.0100

NICKEL

ug/g 0.1000 2 TESTED <0.1000

Weight:
0.4784g

Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY
Analyzed Date : 12/11/25 11:03:06

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