



Certificate of Analysis

Pages 1 of 5

FOR COMPLIANCE

PASSED



Harvest/Lot ID:
1A4120300000A38000002187
Batch #: HEP-VAP-HVJA-1496
Production Method: Ethanol
Total Amount: 2100 units
Retail Product Size: 1 gram
Retail Serving Size: 1 gram
Servings: 1
Metric Package #:
1A4120300000A38000002179
Metric Source Package #:
1A4120300000A38000002187

Lab ID: AL60331007-005
Sampled Date: 03/31/26
Sample Collection Time: 01:00 PM
Sampling End: 01:50 PM
Sampling Method: SOP.T.20.010.NY
Sample Size: 13 units
Completed: 04/07/26
Manifest #: 0000160870

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 PASSED	Filtration/Foreign Material NOT TESTED	Water Activity NOT TESTED	Moisture Content NOT TESTED	Terpenes PASSED



Cannabinoid

PASSED



Total THC
41.1491%
Total THC : 411.4915 mg



Total CBD
38.1920%
Total CBD : 381.9200 mg



Total Cannabinoids
84.5060%
Total Cannabinoids/Container :
845.0600 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	D8-THC	CBN	D9-THC	THCA	THCV
%	0.1030	ND	2.9300	38.1920	ND	0.5610	1.2550	ND	ND	0.4020	40.9260	0.1370	ND
mg/unit	1.0300	ND	29.3000	381.9200	ND	5.6100	12.5500	ND	ND	4.0200	409.2600	1.3700	ND
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:
0.1534g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 04/02/26 09:59:48

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Erica Troy
Lab Director

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

Signature
04/07/26
Laboratory License #: OCM-
CPL-24-00006-L1



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

Kaycha Labs
Hepworth 1:1 CBD:THC 1.00g Vape Cart - Hudson Valley Jack
Matrix: Derivative
Classification: Inhalable Concentrates
Type: Vape Cartridge



Certificate of Analysis

Pages 2 of 5

Hepworth Ag, Inc.

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

Sample: AL60331007-005

Batch #: HEP-VAP-HVJA-1496
Harvest/Lot ID: 1A4120300000A38000002187
Seed to sale: 1A4120300000A38000002179

Ordered: 03/31/26
Sampled: 03/31/26
Completed: 04/07/26

PASSED



Label Claim Verification

PASSED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

Weight:

Analysis Method : N/A
Analyzed Date : 04/02/26 14:02:59



Terpenes

PASSED

ANALYTES

ANALYTES	LOQ	LIMIT	PASS/FAIL	RESULT (%)	(MG/UNIT) QUALIFIER
TOTAL TERPENES	0.1000	11.5	PASS	6.5500	65.5000
LINALOOL	0.1000	10	PASS	2.7200	27.2000
TERPINOLENE	0.0400	10	PASS	1.5700	15.7000
BETA-MYRCENE	0.1000	10	PASS	0.5500	5.5000
OCIMENE	0.1000	10	PASS	0.3800	3.8000
LIMONENE	0.1000	10	PASS	0.2400	2.4000
ALPHA-PHELLANDRENE	0.1000	10	PASS	0.2100	2.1000
BETA-CARYOPHYLLENE	0.0400	10	PASS	0.2000	2.0000
ALPHA-BISABOLOL	0.0400	10	PASS	0.1700	1.7000
ALPHA-HUMULENE	0.0400	10	PASS	0.1200	1.2000
ALPHA-PINENE	0.1000	10	PASS	0.1100	1.1000
BETA-PINENE	0.1000	10	PASS	0.1000	1.0000
FARNESENE	0.0400	10	PASS	0.0700	0.7000
GUAJOL	0.0400	10	PASS	0.0600	0.6000
CARYOPHYLLENE OXIDE	0.0400	10	PASS	0.0500	0.5000
ALPHA TERPINEOL	0.0400	10	PASS	<0.0400	<0.4000
CAMPHERE	0.1000	10	PASS	<0.1000	<1.0000
FENCHYL ALCOHOL	0.0400	10	PASS	<0.0400	<0.4000
GERANIOL	0.0400	10	PASS	<0.0400	<0.4000
MENTHOL	0.1000	10	PASS	<0.1000	<1.0000
VALENCENE	0.1000	10	PASS	<0.1000	<1.0000
ALPHA-TERPINENE	0.1000	10	PASS	<0.1000	<1.0000

Weight:
0.8952g

Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY
Analyzed Date : 04/04/26 10:01:09



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

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Erica Troy
Lab Director

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CPL-2022-00006
ISO 17025 Accreditation #
97164

Erica Troy

Signature
04/07/26
Laboratory License #: OCM-
CPL-24-00006-L1



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

Kaycha Labs

Hepworth 1:1 CBD:THC 1.00g Vape Cart - Hudson Valley Jack

Matrix: Derivative

Classification: Inhalable Concentrates

Type: Vape Cartridge



Certificate of Analysis

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

Sample: AL60331007-005

Batch #: HEP-VAP-HVJA-1496
Harvest/Lot ID: 1A4120300000A38000002187
Seed to sale: 1A4120300000A38000002179

Ordered: 03/31/26
Sampled: 03/31/26
Completed: 04/07/26

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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Sample: AL60331007-005

Batch #: HEP-VAP-HVJA-1496
Harvest/Lot ID: 1A4120300000A38000002187
Seed to sale: 1A4120300000A38000002179

Ordered: 03/31/26
Sampled: 03/31/26
Completed: 04/07/26

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:
0.5111g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY
Analyzed Date : 04/06/26 13:45:48

Weight:
0.5111g

Analysis Method : SOP.T.40.154.NY
Analyzed Date : 04/06/26 15:22:56



Residual Solvents

PASSED

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

Weight:
0.024g

Analysis Method : SOP.T.40.044.NY
Analyzed Date : 04/03/26 13:23:10



Microbial

PASSED

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

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04/07/26
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Kaycha Labs
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Hepworth 1:1 CBD:THC 1.00g Vape Cart - Hudson Valley Jack
Matrix: Derivative
Classification: Inhalable Concentrates
Type: Vape Cartridge



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Harvest/Lot ID: 1A4120300000A38000002187
Seed to sale: 1A4120300000A38000002179

Ordered: 03/31/26
Sampled: 03/31/26
Completed: 04/07/26

PASSED



Microbial

PASSED

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
Not Present

PASS/FAIL
PASS
PASS
PASS
PASS
PASS
PASS
PASS

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

QUALIFIER

Weight:
0.805g

Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.056C, SOP.T.40.209.NY
Analyzed Date : 04/06/26 09:49:29



Mycotoxins

PASSED

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
PASS
PASS
PASS
PASS
PASS
PASS

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

QUALIFIER

Weight:
0.5111g

Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY
Analyzed Date : 04/06/26 10:31:24



Heavy Metals

PASSED

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 0.0100
ug/g 0.1000

LIMIT
2
0.2
0.2
110
30
0.5
0.1
2

PASS/FAIL
PASS
PASS
PASS
PASS
PASS
PASS
PASS

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

QUALIFIER

Weight:
0.4828g

Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY
Analyzed Date : 04/03/26 10:28:12

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