



Certificate of Analysis

Pages 1 of 5

FOR COMPLIANCE

PASSED



Harvest/Lot ID:
1A4120300000A38000002479
Batch #: HEP-VAP-SUSD-1665
Production Method: Ethanol
Total Amount: 1800 units
Retail Product Size: 1 gram
Retail Serving Size: 1 gram
Servings: 1
Metric Package #:
1A4120300000A38000002489
Metric Source Package #:
1A4120300000A38000002479

Lab ID: AL60506007-003
Sampled Date: 05/06/26
Sample Collection Time: 04:50 PM
Sampling End: 05:05 PM
Sampling Method: SOP.T.20.010.NY
Sample Size: 13 units
Completed: 05/13/26
Manifest #: 0000214081

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
NOT TESTED



Water Activity
NOT TESTED



Moisture Content
NOT TESTED



Terpenes
PASSED



Cannabinoid

PASSED



Total THC
76.9279%

Total THC/Container : 769.2787 mg



Total CBD
0.2150%

Total CBD/Container : 2.1500 mg



Total Cannabinoids
83.8270%

Total Cannabinoids/Container : 838.2700 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	1.0100	0.2150	<0.1000	<0.1000	3.2670	<0.1000	<0.1000	0.6770	76.8200	0.1230	1.7150
mg/unit	<1.0000	<1.0000	10.1000	2.1500	<1.0000	<1.0000	32.6700	<1.0000	<1.0000	6.7700	768.2000	1.2300	17.1500
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:
0.1508g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 05/13/26 10:55:53

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Erica Troy
Lab Director

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ISO 17025 Accreditation #
97164

Erica Troy

Signature
05/13/26
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Certificate of Analysis

Pages 2 of 5

Hepworth Ag, Inc.

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

Sample: AL60506007-003

Batch #: HEP-VAP-SUSD-1665
Harvest/Lot ID: 1A4120300000A38000002479
Seed to sale: 1A4120300000A38000002489

Ordered: 05/06/26
Sampled: 05/06/26
Completed: 05/13/26

PASSED



Label Claim Verification

PASSED

ANALYTES

UNIT LOQ LIMIT PASS/FAIL RESULT QUALIFIER

Weight:

Analysis Method : N/A
Analyzed Date : 05/13/26 10:56:02



Terpenes

PASSED

ANALYTES

LOQ LIMIT PASS/FAIL RESULT (%) (MG/UNIT) QUALIFIER

TOTAL TERPENES	0.1000	11.5	PASS	5.4300	54.3000
LIMONENE	0.1000	10	PASS	2.3700	23.7000
BETA-MYRCENE	0.1000	10	PASS	1.7700	17.7000
BETA-PINENE	0.1000	10	PASS	0.3700	3.7000
ALPHA-PINENE	0.1000	10	PASS	0.3400	3.4000
ALPHA-BISABOLOL	0.0400	10	PASS	0.3100	3.1000
BETA-CARYOPHYLLENE	0.0400	10	PASS	0.1000	1.0000
GUAJOL	0.0400	10	PASS	0.0700	0.7000
TERPINOLENE	0.0400	10	PASS	0.0600	0.6000
CARYOPHYLLENE OXIDE	0.0400	10	PASS	0.0400	0.4000
ALPHA TERPINEOL	0.0400	10	PASS	<0.0400	<0.4000
CAMPENE	0.1000	10	PASS	<0.1000	<1.0000
FARNESENE	0.0400	10	PASS	<0.0400	<0.4000
FENCHYL ALCOHOL	0.0400	10	PASS	<0.0400	<0.4000
GERANIOL	0.0400	10	PASS	<0.0400	<0.4000
LINALOOL	0.1000	10	PASS	<0.1000	<1.0000
MENTHOL	0.1000	10	PASS	<0.1000	<1.0000
OCIMENE	0.1000	10	PASS	<0.1000	<1.0000
VALENCENE	0.1000	10	PASS	<0.1000	<1.0000
ALPHA-HUMULENE	0.0400	10	PASS	<0.0400	<0.4000
ALPHA-PHELLANDRENE	0.1000	10	PASS	<0.1000	<1.0000
ALPHA-TERPINENE	0.1000	10	PASS	<0.1000	<1.0000

Weight:
0.8206g

Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY
Analyzed Date : 05/10/26 10:18:45



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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ISO 17025 Accreditation #
97164

Signature
05/13/26
Laboratory License #: OCM-
CPL-24-00006-L1



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

Kaycha Labs

Hepworth 1.00g 510 Vape Cart - Super Sour Diesel

Matrix: Derivative

Classification: Inhalable Concentrates

Type: Vape Cartridge



Certificate of Analysis

Pages 3 of 5

Hepworth Ag, Inc.

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

Sample: AL60506007-003

Batch #: HEP-VAP-SUSD-1665
Harvest/Lot ID: 1A4120300000A38000002479
Seed to sale: 1A4120300000A38000002489

Ordered: 05/06/26
Sampled: 05/06/26
Completed: 05/13/26

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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Erica Troy

Lab Director

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Erica Troy

Signature
05/13/26

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License # : OCM-PROC-25-000251

Sample: AL60506007-003

Batch #: HEP-VAP-SUSD-1665
Harvest/Lot ID: 1A4120300000A38000002479
Seed to sale: 1A4120300000A38000002489

Ordered: 05/06/26
Sampled: 05/06/26
Completed: 05/13/26

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:
0.4113g

Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY
Analyzed Date : 05/13/26 17:43:04

Weight:
0.4113g

Analysis Method : SOP.T.40.154.NY
Analyzed Date : 05/13/26 17:36:04



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:
0.0232g

Analysis Method : SOP.T.40.044.NY
Analyzed Date : 05/08/26 12:45:16



Microbial

PASSED

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

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05/13/26
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Kaycha Labs
Hepworth 1.00g 510 Vape Cart - Super Sour Diesel
Matrix: Derivative
Classification: Inhalable Concentrates
Type: Vape Cartridge



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Pages 5 of 5

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Milton, NY, 12547, US
License # : OCM-PROC-25-000251

Sample: AL60506007-003

Batch #: HEP-VAP-SUSD-1665
Harvest/Lot ID: 1A4120300000A38000002479
Seed to sale: 1A4120300000A38000002489

Ordered: 05/06/26
Sampled: 05/06/26
Completed: 05/13/26

PASSED



Microbial

PASSED

ANALYTES

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

UNIT LOQ
CFU/g 100

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

PASS/FAIL
PASS
PASS
PASS
PASS
PASS
PASS

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

QUALIFIER

Weight:
0.94g

Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.056C, SOP.T.40.209.NY
Analyzed Date : 05/11/26 12:58:38



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:
0.4113g

Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY
Analyzed Date : 05/13/26 17:38:19



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 0.1000
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:
0.4257g

Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY
Analyzed Date : 05/12/26 17:17:46

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