



Certificate of Analysis

FOR COMPLIANCE



Sample:AL40905003-008
Harvest/Lot ID: PR083024-001
Batch#: PR083024-001
Seed to Sale# BioTrack, AirTable
Sample Size Received: 20 units
Total Amount: 4200 units
Retail Product Size: 1 gram
Retail Serving Size: 1 gram
Servings: 1
Sampled: 09/03/24 03:50 PM
Sampling Start: 03:50 PM
Sampling End: 04:20 PM
Sampling Method: SOP.T.20.010.NY

Hepworth Ag, Inc.
License # : OCM-AUCP-22-000021
61 Old Indian Trail
Milton, NY, 12547, US

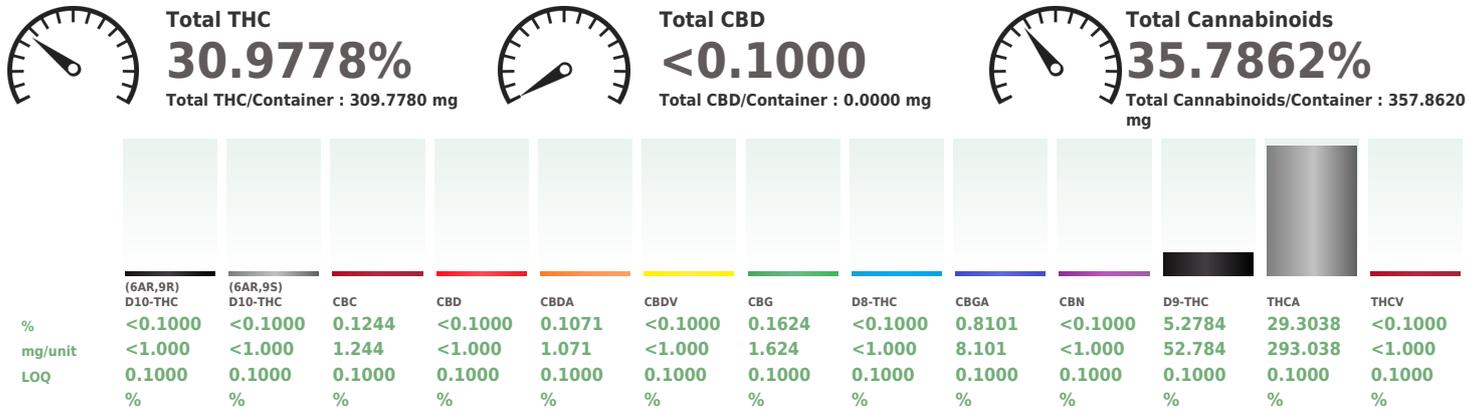
PASSED

Pages 1 of 6

SAFETY RESULTS

 Pesticides PASSED	 Heavy Metals PASSED	 Microbials PASSED	 Mycotoxins PASSED	 Residuals Solvents PASSED	 Filth PASSED	 Water Activity PASSED	 Moisture PASSED	 Terpenes TESTED
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 **Cannabinoid** **PASSED**



Weight:
1.0304g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY
Analyzed Date : 09/06/24 15:50:21

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Erica Troy
Lab Director

NY Permit # OCM-CPL-2022-00006
ISO 17025 Accreditation # 97164



Signature
09/10/24



Certificate of Analysis

PASSED

Hepworth Ag, Inc.

61 Old Indian Trail
Milton, NY, 12547, US
Telephone: (845) 597-1086
Email: amy.weidner@hepworthpura.com
License #: OCM-AUCP-22-000021

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Terpenes

TESTED

Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
BETA-CARYOPHYLLENE	0.00	6.700	0.6700		Weight:				
BETA-MYRCENE	0.00	2.700	0.2700		1.0604g				
ALPHA-HUMULENE	0.00	2.600	0.2600		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
LIMONENE	0.00	2.500	0.2500		Analyzed Date : 09/05/24 16:09:48				
LINALOOL	0.00	1.500	0.1500						
ALPHA-PINENE	0.00	0.900	0.0900						
ALPHA-BISABOLOL	0.00	0.800	0.0800						
FENCHYL ALCOHOL	0.00	0.500	0.0500						
ALPHA TERPINEOL	0.00	0.400	0.0400						
OCIMENE	0.00	0.400	0.0400						
CARYOPHYLLENE OXIDE	0.00	0.300	0.0300						
GUAIOL	0.00	0.300	0.0300						
VALENCENE	0.00	0.100	0.0100						
CAMPHENE	0.00	<0.040	<0.0040						
FARNESENE	0.10	<1.000	<0.1000						
GERANIOL	0.00	<0.040	<0.0040						
MENTHOL	0.00	<0.040	<0.0040						
TERPINOLENE	0.00	<0.040	<0.0040						
ALPHA-PHELLANDRENE	0.00	<0.040	<0.0040						
ALPHA-TERPINENE	0.00	<0.040	<0.0040						
BETA-PINENE	0.00	<0.040	<0.0040						
Total (%)		1.9700							



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Pesticides

PASSED

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
PYRETHRINS, TOTAL	0.1000	ppm	1	PASS	<0.1000	PACLOBUTRAZOL	0.1000	ppm	0.4	PASS	<0.1000
AZADIRACTIN	0.1000	ppm	1	PASS	<0.1000	PERMETHRIN	0.1000	ppm	0.2	PASS	<0.1000
INDOLE-3-BUTYRIC ACID	0.1000	ppm	1	PASS	<0.1000	PHOSMET	0.1000	ppm	0.2	PASS	<0.1000
MYCLOBUTANIL	0.1000	ppm	0.2	PASS	<0.1000	PRALLETHRIN	0.1000	ppm	0.2	PASS	<0.1000
PIPERONYL BUTOXIDE	0.1000	ppm	2	PASS	<0.1000	PROPICONAZOLE	0.1000	ppm	0.4	PASS	<0.1000
ABAMECTIN B1A	0.1000	ppm	0.5	PASS	<0.1000	PROPOXUR	0.1000	ppm	0.2	PASS	<0.1000
ACEPHATE	0.1000	ppm	0.4	PASS	<0.1000	PYRIDABEN	0.1000	ppm	0.2	PASS	<0.1000
ACEQUINOXYL	0.1000	ppm	2	PASS	<0.1000	SPINETORAM, TOTAL	0.1000	ppm	1	PASS	<0.1000
ACETAMIPRID	0.1000	ppm	0.2	PASS	<0.1000	SPINOSAD, TOTAL	0.1000	ppm	0.2	PASS	<0.1000
ALDICARB	0.1000	ppm	0.4	PASS	<0.1000	SPIROMESIFEN	0.1000	ppm	0.2	PASS	<0.1000
AZOXYSTROBIN	0.1000	ppm	0.2	PASS	<0.1000	SPIROTETRAMAT	0.1000	ppm	0.2	PASS	<0.1000
CHLORMEQUAT CHLORIDE	0.1000	ppm	1	PASS	<0.1000	SPIROXAMINE	0.1000	ppm	0.2	PASS	<0.1000
BIFENAZATE	0.1000	ppm	0.2	PASS	<0.1000	TEBUCONAZOLE	0.1000	ppm	0.4	PASS	<0.1000
BIFENTHRIN	0.1000	ppm	0.2	PASS	<0.1000	THIACLOPRID	0.1000	ppm	0.2	PASS	<0.1000
CARBARYL	0.1000	ppm	0.2	PASS	<0.1000	THIAMETHOXAM	0.1000	ppm	0.2	PASS	<0.1000
COUMAPHOS	0.1000	ppm	1	PASS	<0.1000	TRIFLOXYSTROBIN	0.1000	ppm	0.2	PASS	<0.1000
CHLORPYRIFOS	0.1000	ppm	0.2	PASS	<0.1000	CAPTAN *	0.1000	ppm	1	PASS	<0.1000
DAMINOZIDE	0.1000	ppm	1	PASS	<0.1000	CHLORDANE *	0.1000	ppm	1	PASS	<0.1000
BOSCALID	0.1000	ppm	0.4	PASS	<0.1000	CHLORFENAPYR *	0.1000	ppm	1	PASS	<0.1000
CARBOFURAN	0.1000	ppm	0.2	PASS	<0.1000	CYFLUTHRIN *	0.1000	ppm	1	PASS	<0.1000
CHLORANTRANILIPROLE	0.1000	ppm	0.2	PASS	<0.1000	CYPERMETHRIN *	0.1000	ppm	1	PASS	<0.1000
CLOFENTEZINE	0.1000	ppm	0.2	PASS	<0.1000	METHYL PARATHION *	0.1000	ppm	0.2	PASS	<0.1000
DIAZINON	0.1000	ppm	0.2	PASS	<0.1000	MGK-264 *	0.1000	ppm	0.2	PASS	<0.1000
DICHLORVOS	0.1000	ppm	1	PASS	<0.1000	PENTACHLORONITROBENZENE *	0.1000	ppm	1	PASS	<0.1000
DIMETHOATE	0.1000	ppm	0.2	PASS	<0.1000						
DIMETHOMORPH	0.1000	ppm	1	PASS	<0.1000	Weight:	0.9297g				
ETHOPROPHOS	0.1000	ppm	0.2	PASS	<0.1000	Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOFENPROX	0.1000	ppm	0.4	PASS	<0.1000	Analyzed Date : 09/05/24 17:39:49					
ETOXAZOLE	0.1000	ppm	0.2	PASS	<0.1000	Weight:	0.9297g				
FENHEXAMID	0.1000	ppm	1	PASS	<0.1000	Analysis Method : SOP.T.40.154.NY					
FENYOXCARB	0.1000	ppm	0.2	PASS	<0.1000	Analyzed Date : 09/05/24 17:35:54					
FENPYROXIMATE	0.1000	ppm	0.4	PASS	<0.1000						
FIPRONIL	0.1000	ppm	0.4	PASS	<0.1000						
FLONICAMID	0.1000	ppm	1	PASS	<0.1000						
FLUDIOXONIL	0.1000	ppm	0.4	PASS	<0.1000						
HEXYTHIAZOX	0.1000	ppm	1	PASS	<0.1000						
IMAZALIL	0.1000	ppm	0.2	PASS	<0.1000						
IMIDACLOPRID	0.1000	ppm	0.4	PASS	<0.1000						
KRESOXIM METHYL	0.1000	ppm	0.4	PASS	<0.1000						
MALATHION	0.1000	ppm	0.2	PASS	<0.1000						
METALAXYL	0.1000	ppm	0.2	PASS	<0.1000						
METHIOCARB	0.1000	ppm	0.2	PASS	<0.1000						
METHOMYL	0.1000	ppm	0.4	PASS	<0.1000						
MEVINPHOS	0.1000	ppm	1	PASS	<0.1000						
NALED	0.1000	ppm	0.5	PASS	<0.1000						
OXAMYL	0.1000	ppm	1	PASS	<0.1000						

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Lab Director

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ISO 17025 Accreditation # 97164

Signature
09/10/24



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PASSED

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	Residual Solvents					PASSED
Solvents	LOQ	Units	Action Level	Pass/Fail	Result	
1,1,1,2-TETRAFLUOROETHANE	500.0	ppm	1000	PASS	<500.0	
DIMETHYL SULFOXIDE	375.0	ppm	5000	PASS	<375.0	
1,1,1-TRICHLOROETHANE	375.0	ppm	1500	PASS	<375.0	
HEXANE, TOTAL	125.0	ppm	290	PASS	<125.0	
PENTANES, TOTAL	125.0	ppm	5000	PASS	<125.0	
BUTANES, TOTAL	750.0	ppm	5000	PASS	<750.0	
XYLENES, TOTAL	125.0	ppm	2170	PASS	<125.0	
1,2-DICHLOROETHANE	1.3	ppm	5	PASS	<1.3	
PROPANE	750.0	ppm	5000	PASS	<750.0	
METHANOL	125.0	ppm	3000	PASS	132.0	
ETHANOL	125.0	ppm	5000	PASS	<125.0	
ETHYL ETHER	125.0	ppm	5000	PASS	<125.0	
ACETONE	125.0	ppm	5000	PASS	<125.0	
2-PROPANOL	125.0	ppm	5000	PASS	<125.0	
ACETONITRILE	125.0	ppm	410	PASS	<125.0	
DICHLOROMETHANE	125.0	ppm	600	PASS	<125.0	
ETHYL ACETATE	125.0	ppm	5000	PASS	<125.0	
BENZENE	1.3	ppm	2	PASS	<1.3	
N-HEPTANE	125.0	ppm	5000	PASS	<125.0	
TOLUENE	125.0	ppm	890	PASS	<125.0	
CHLOROFORM	1.3	ppm	60	PASS	<1.3	

Weight: 0.0266g

Analysis Method : SOP.T.40.044.NY
 Analyzed Date : 09/06/24 15:20:12



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 Microbial PASSED						 Mycotoxins PASSED					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	100	CFU/g	<100	TESTED		AFLATOXIN G2	0.0025	ppm	<0.0025	PASS	0.02
TOTAL YEAST AND MOLD	100	CFU/g	<100	TESTED		AFLATOXIN G1	0.0025	ppm	<0.0025	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP	1		Not Present	PASS		AFLATOXIN B2	0.0025	ppm	<0.0025	PASS	0.02
SALMONELLA SPECIES	1		Not Present	PASS		AFLATOXIN B1	0.0025	ppm	<0.0025	PASS	0.02
ASPERGILLUS TERREUS	1		Not Present	PASS		OCHRATOXIN A+	0.0100	ppm	<0.0100	PASS	0.02
ASPERGILLUS NIGER	1		Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.0025	ppm	<0.0025	PASS	0.02
ASPERGILLUS FLAVUS	1		Not Present	PASS		Weight:					
ASPERGILLUS FUMIGATUS	1		Not Present	PASS		0.9297g					
Weight:						Analysis Method :	SOP.T.30.104.NY, SOP.T.40.104.NY				
1.0254g						Analyzed Date :	09/05/24 17:34:18				
Analysis Method :	SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY										
Analyzed Date :	09/05/24 13:42:28										

 Heavy Metals PASSED					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	0.1000	ug/g	<0.1000	PASS	2
ARSENIC	0.1000	ug/g	<0.1000	PASS	0.2
CADMIUM	0.1000	ug/g	<0.1000	PASS	0.2
CHROMIUM	1.0000	ug/g	<1.0000	PASS	110
COPPER	1.0000	ug/g	<1.0000	PASS	30
LEAD	0.1000	ug/g	<0.1000	PASS	0.5
MERCURY	0.0100	ug/g	<0.0100	PASS	0.1
NICKEL	0.1000	ug/g	<0.1000	PASS	5
Weight:	0.436g				
Analysis Method :	SOP.T.30.084.NY, SOP.T.40.084.NY				
Analyzed Date :	09/05/24 17:31:09				



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Filth/Foreign Material **PASSED**



Moisture **PASSED**

Analyte	LOQ	Units	Result	P/F	Action Level
Stems (>3mm)	1.00	%	ND	PASS	5
Foreign Matter	0.10	%	ND	PASS	2
Mammalian excreta	0.10	mg	ND	PASS	1

Weight:
12.8495g

Analysis Method : SOP.T.40.090
Analyzed Date : 09/05/24 09:27:53

Analyte	LOQ	Units	Result	P/F	Action Level
Moisture Content	1.0	%	7.2	PASS	15

Weight:
1.001g

Analysis Method : SOP.T.40.021
Analyzed Date : 09/05/24 13:14:40



Water Activity **PASSED**

Analyte	LOQ	Units	Result	P/F	Action Level
Water Activity	0.10	aw	0.47	PASS	0.65

Weight:
0.2369g

Analysis Method : SOP.T.40.019
Analyzed Date : 09/05/24 14:57:00

