



# Certificate of Analysis

## FOR COMPLIANCE

Laboratory Sample ID: AL41107004-004



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

**Production Method:** Cured  
**Batch#:** PUF-DISP-GRAP-01226-111424  
**Seed to Sale#:** Biotrack  
**Sample Size Received:** 20 units  
**Total Amount:** 6000 units  
**Retail Product Size:** 1 gram  
**Retail Serving Size:** 1 gram  
**Servings:** 1  
**Sampled:** 11/06/24 10:20 AM  
**Sampling Start:** 10:20 AM  
**Sampling End:** 11:30 AM  
**Sampling Method:** SOP.T.20.010.NY

**PASSED**

Pages 1 of 6

### SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**PASSED**



Water Activity  
**PASSED**



Moisture  
**PASSED**

### MISC.



Terpenes  
**TESTED**



### Cannabinoid

**PASSED**



**Total THC**  
**35.0984%**  
Total THC/Container : 350.9840 mg



**Total CBD**  
**<0.1000**  
Total CBD/Container : 0.0000 mg



**Total Cannabinoids**  
**40.1185%**  
Total Cannabinoids/Container : 401.1850 mg



	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	DB-THC	CBGA	CBN	D9-THC	THCA	THCV
%	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	0.8289	0.1455	6.2529	32.8912	<0.1000
mg/unit	<1.000	<1.000	<1.000	<1.000	<1.000	<1.000	<1.000	<1.000	8.289	1.455	62.529	328.912	<1.000
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
%	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:  
1.0445g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 11/12/24 11:59:50

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**Erica Troy**  
Lab Director

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



Signature  
11/12/24



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

Kaycha Labs

Puff - 1.00g Diamond Infused Single Pre-Rolls - Grapeness  
Grapeness  
Matrix : Flower  
Type: Enhanced Pre-roll



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Email: amy.weidner@hepworthpura.com  
License # : OCM-AUCP-22-000021

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Page 2 of 6



## Terpenes

**TESTED**

Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
BETA-CARYOPHYLLENE	0.00	9.800	0.9800		BETA-CARYOPHYLLENE	0.00	9.800	0.9800	
LIMONENE	0.00	5.200	0.5200		LIMONENE	0.00	5.200	0.5200	
ALPHA-HUMULENE	0.00	3.300	0.3300		ALPHA-HUMULENE	0.00	3.300	0.3300	
BETA-MYRCENE	0.00	3.000	0.3000		BETA-MYRCENE	0.00	3.000	0.3000	
VALENCENE	0.00	2.300	0.2300		VALENCENE	0.00	2.300	0.2300	
ALPHA-BISABOLOL	0.00	1.900	0.1900		ALPHA-BISABOLOL	0.00	1.900	0.1900	
LINALOOL	0.00	1.800	0.1800		LINALOOL	0.00	1.800	0.1800	
FENCHYL ALCOHOL	0.00	0.900	0.0900		FENCHYL ALCOHOL	0.00	0.900	0.0900	
BETA-PINENE	0.00	0.900	0.0900		BETA-PINENE	0.00	0.900	0.0900	
ALPHA TERPINEOL	0.00	0.800	0.0800		ALPHA TERPINEOL	0.00	0.800	0.0800	
CARYOPHYLLENE OXIDE	0.00	0.600	0.0600		CARYOPHYLLENE OXIDE	0.00	0.600	0.0600	
ALPHA-PINENE	0.00	0.600	0.0600		ALPHA-PINENE	0.00	0.600	0.0600	
GUAIOL	0.00	0.400	0.0400		GUAIOL	0.00	0.400	0.0400	
CAMPHENE	0.00	0.100	0.0100		CAMPHENE	0.00	0.100	0.0100	
GERANIOL	0.00	0.100	0.0100		GERANIOL	0.00	0.100	0.0100	
TERPINOLENE	0.00	0.100	0.0100		TERPINOLENE	0.00	0.100	0.0100	
FARNESENE	0.10	<1.000	<0.1000		FARNESENE	0.10	<1.000	<0.1000	
OCIMENE	0.00	<0.040	<0.0040		OCIMENE	0.00	<0.040	<0.0040	
ALPHA-PHELLANDRENE	0.00	<0.040	<0.0040		ALPHA-PHELLANDRENE	0.00	<0.040	<0.0040	
MENTHOL	0.00	<0.040	<0.0040		MENTHOL	0.00	<0.040	<0.0040	
ALPHA-TERPINENE	0.00	<0.040	<0.0040		ALPHA-TERPINENE	0.00	<0.040	<0.0040	
<b>Total (%)</b>			<b>3.1800</b>		<b>Total (%)</b>			<b>3.1800</b>	

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**Erica Troy**  
Lab Director

NY Permit # OCM-CPL-2022-00006  
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Signature  
11/12/24



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Sampling Method : SOP.T.20.010.NY

Page 3 of 6



## Pesticides

**PASSED**

Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
ACEQUINOCLY	0.1000	ppm	2	PASS	<0.1000	PACLOBUTRAZOL	0.1000	ppm	0.4	PASS	<0.1000
PYRETHRINS, TOTAL	0.1000	ppm	1	PASS	<0.1000	PERMETHRIN	0.1000	ppm	0.2	PASS	<0.1000
AZADIRACTHIN	0.1000	ppm	1	PASS	<0.1000	PHOSMET	0.1000	ppm	0.2	PASS	<0.1000
INDOLE-3-BUTYRIC ACID	0.1000	ppm	1	PASS	<0.1000	PRALLETHRIN	0.1000	ppm	0.2	PASS	<0.1000
MYCLOBUTANIL	0.1000	ppm	0.2	PASS	<0.1000	PROPICONAZOLE	0.1000	ppm	0.4	PASS	<0.1000
PIPERONYL BUTOXIDE	0.1000	ppm	2	PASS	<0.1000	PROPOXUR	0.1000	ppm	0.2	PASS	<0.1000
ABAMECTIN B1A	0.1000	ppm	0.5	PASS	<0.1000	PYRIDABEN	0.1000	ppm	0.2	PASS	<0.1000
ACEPHATE	0.1000	ppm	0.4	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
CHLORPYRIFOS	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
CARBARYL	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
CARBOFURAN	0.1000	ppm	0.2	PASS	<0.1000	CHLORFENAPYR *	0.1000	ppm	1	PASS	<0.1000
BOSCALID	0.1000	ppm	0.4	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
DIAZINON	0.1000	ppm	0.2	PASS	<0.1000	METHYL PARATHION *	0.1000	ppm	0.2	PASS	<0.1000
CLOFENTEZINE	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	Weight:					
DIMETHOMORPH	0.1000	ppm	1	PASS	<0.1000	0.9818g					
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 : 11/12/24 14:22:59					
ETOXAZOLE	0.1000	ppm	0.2	PASS	<0.1000	Weight:					
FENHEXAMID	0.1000	ppm	1	PASS	<0.1000	0.9818g					
FENYOXCARB	0.1000	ppm	0.2	PASS	<0.1000	Analysis Method : SOP.T.40.154.NY					
FENPYROXIMATE	0.1000	ppm	0.4	PASS	<0.1000	Analyzed Date : 11/12/24 16:12:31					
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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Page 4 of 6

	<b>Residual Solvents</b>					<b>PASSED</b>
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	162.7	
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: 0.0279g

Analysis Method : SOP.T.40.044.NY  
 Analyzed Date : 11/11/24 12:05:39



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Page 5 of 6

 <b>Microbial</b> <span style="float: right;"><b>PASSED</b></span>						 <b>Mycotoxins</b> <span style="float: right;"><b>PASSED</b></span>					
Analyte	LOQ	Units	Result	Pass / Fail	Action Level	Analyte	LOQ	Units	Result	Pass / Fail	Action Level
TOTAL AEROBIC BACTERIA	100	CFU/g	900	TESTED		AFLATOXIN G2	0.0025	ppm	<0.0025	PASS	0.02
TOTAL YEAST AND MOLD	100	CFU/g	1500	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		0.9818g					
Weight:						Analysis Method :	SOP.T.30.104.NY, SOP.T.40.104.NY				
1.07g						Analyzed Date :	11/12/24 14:28:13				
Analysis Method :	SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY										
Analyzed Date :	11/09/24 16:16:04										

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
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	12.1975	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:					
0.496g					
Analysis Method :	SOP.T.30.084.NY, SOP.T.40.084.NY				
Analyzed Date :	11/11/24 11:03:51				



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Page 6 of 6



**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:  
9.7027g

Analysis Method : SOP.T.40.090  
Analyzed Date : 11/08/24 14:46:31

Analyte	LOQ	Units	Result	P/F	Action Level
Moisture Content	1.0	%	6.0	PASS	15

Weight:  
0.979g

Analysis Method : SOP.T.40.021  
Analyzed Date : 11/08/24 14:51:05



**Water Activity** **PASSED**

Analyte	LOQ	Units	Result	P/F	Action Level
Water Activity	0.10	aw	0.44	PASS	0.65

Weight:  
0.3195g

Analysis Method : SOP.T.40.019  
Analyzed Date : 11/08/24 16:50:21

