



# Certificate of Analysis

## FOR COMPLIANCE











Sample:AL40311001-002  
Harvest/Lot ID: 7683557047138578  
Batch#: 7683557047138578  
Seed to Sale# Biotrack  
Sample Size Received: 8 units  
Total Amount: 750 units  
Retail Product Size: 3.5 gram  
Sampled: 03/07/24 01:15 PM  
Sampling Start: 01:15 PM  
Sampling End: 01:45 PM  
Revision Date: 03/15/24  
Sampling Method: SOP.T.20.010.NY

**PASSED**

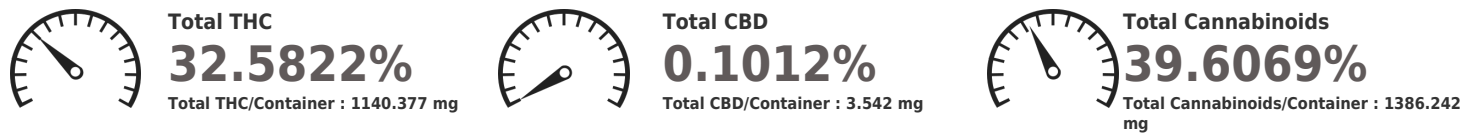
Pages 1 of 5

Empire Hemp Co.  
License # : OCM-AUCP-22-000015  
34 Swan st  
batavia, NY, 14020, US



PRODUCT IMAGE	SAFETY RESULTS								MISC.
	 Pesticides <b>PASSED</b>	 Heavy Metals <b>PASSED</b>	 Microbials <b>PASSED</b>	 Mycotoxins <b>PASSED</b>	 Residuals Solvents <b>NOT TESTED</b>	 Filtth <b>PASSED</b>	 Water Activity <b>PASSED</b>	 Moisture <b>PASSED</b>	 Terpenes <b>TESTED</b>

### Cannabinoid **PASSED**



	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<0.0006	<0.0007	<0.0007	<0.0007	0.1155	<0.0007	0.1204	2.3472	<0.0007	0.0751	0.8383	36.1104	<0.0007
mg/unit	<0.021	<0.025	<0.025	<0.025	4.043	<0.025	4.214	82.152	<0.025	2.629	29.341	1263.864	<0.025
LOQ	0.0006	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007	0.0007
	%	%	%	%	%	%	%	%	%	%	%	%	%

Weight:  
0.2074g  
Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 03/11/24 15:27:38

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**Erica Troy**  
Lab Director  
NY Permit # OCM-CPL-2022-00006  
ISO 17025 Accreditation # 97164

  
Signature  
03/14/24

Revision: #1 - Report revised to update batch id.



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Empire Hemp Co.

34 Swan st  
batavia, NY, 14020, US  
Telephone: (585) 261-3682  
Email: kevin@empirehempco.com  
License # : OCM-AUCP-22-000015

Sample : AL40311001-002  
Harvest/Lot ID: 7683557047138578

Batch# : 7683557047138578 Sample Size Received : 8 units  
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Sampling Method : SOP.T.20.010.NY

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Terpenes				TESTED					
Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
LIMONENE	0.00	17.2	0.49		Weight:				
BETA-CARYOPHYLLENE	0.00	16.8	0.48		1.0072g				
LINALOOL	0.00	6.3	0.18		Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY				
FARNESENE	0.10	5.6	0.16		Analyzed Date : 03/12/24 14:43:34				
BETA-MYRCENE	0.00	5.6	0.16						
ALPHA-HUMULENE	0.00	4.9	0.14						
BETA-PINENE	0.00	2.5	0.07						
ALPHA TERPINEOL	0.00	1.4	0.04						
FENCHYL ALCOHOL	0.00	1.4	0.04						
ALPHA-PINENE	0.00	1.4	0.04						
CARYOPHYLLENE OXIDE	0.00	0.7	0.02						
VALENCENE	0.00	0.7	0.02						
CAMPHENE	0.00	0.4	0.01						
ALPHA-BISABOLOL	0.00	0.4	0.01						
GERANIOL	0.00	<0.1	<0.00						
GUAIOL	0.00	<0.1	<0.00						
MENTHOL	0.00	<0.1	<0.00						
OCIMENE	0.00	<0.1	<0.00						
TERPINOLENE	0.00	<0.1	<0.00						
ALPHA-PHELLANDRENE	0.00	<0.1	<0.00						
ALPHA-TERPINENE	0.00	<0.1	<0.00						
<b>Total (%)</b>			<b>1.70</b>						

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34 Swan st  
Batavia, NY, 14020, US  
Telephone: (585) 261-3682  
Email: kevin@empirehempco.com  
License # : OCM-AUCP-22-000015

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Sampling Method : SOP.T.20.010.NY

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Pesticides						PASSED					
Pesticide	LOQ	Units	Action Level	Pass/Fail	Result	Pesticide	LOQ	Units	Action Level	Pass/Fail	Result
PYRETHRINS, TOTAL	0.1	ppm	1	PASS	<0.1	PACLOBUTRAZOL	0.1	ppm	0.4	PASS	<0.1
AZADIRACHTIN	0.1	ppm	1	PASS	<0.1	PERMETHRIN	0.1	ppm	0.2	PASS	<0.1
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<0.1	PHOSMET	0.1	ppm	0.2	PASS	<0.1
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<0.1	PRALLETHRIN	0.1	ppm	0.2	PASS	<0.1
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<0.1	PROPICONAZOLE	0.1	ppm	0.4	PASS	<0.1
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<0.1	PROPOXUR	0.1	ppm	0.2	PASS	<0.1
ACEPHATE	0.1	ppm	0.4	PASS	<0.1	PYRIDABEN	0.1	ppm	0.2	PASS	<0.1
ACEQUINOCYL	0.1	ppm	2	PASS	<0.1	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<0.1
ACETAMIPRID	0.1	ppm	0.2	PASS	<0.1	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<0.1
ALDICARB	0.1	ppm	0.4	PASS	<0.1	SPIROMESIFEN	0.1	ppm	0.2	PASS	<0.1
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<0.1	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<0.1
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<0.1	SPIROXAMINE	0.1	ppm	0.2	PASS	<0.1
BIFENAZATE	0.1	ppm	0.2	PASS	<0.1	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<0.1
BIFENTHRIN	0.1	ppm	0.2	PASS	<0.1	THIACLOPRID	0.1	ppm	0.2	PASS	<0.1
CARBARYL	0.1	ppm	0.2	PASS	<0.1	THIAMETHOXAM	0.1	ppm	0.2	PASS	<0.1
COUMAPHOS	0.1	ppm	1	PASS	<0.1	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<0.1
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<0.1	CAPTAN *	0.1	ppm	1	PASS	<0.1
DAMINOZIDE	0.1	ppm	1	PASS	<0.1	CHLORDANE *	0.1	ppm	1	PASS	<0.1
BOSCALID	0.1	ppm	0.4	PASS	<0.1	CHLORFENAPYR *	0.1	ppm	1	PASS	<0.1
CARBOFURAN	0.1	ppm	0.2	PASS	<0.1	CYFLUTHRIN *	0.1	ppm	1	PASS	<0.1
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<0.1	CYPERMETHRIN *	0.1	ppm	1	PASS	<0.1
CLOFENTEZINE	0.1	ppm	0.2	PASS	<0.1	METHYL PARATHION *	0.1	ppm	0.2	PASS	<0.1
DIAZINON	0.1	ppm	0.2	PASS	<0.1	MGK-264 *	0.1	ppm	0.2	PASS	<0.1
DICHLORVOS	0.1	ppm	1	PASS	<0.1	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<0.1
DIMETHOATE	0.1	ppm	0.2	PASS	<0.1	Weight:					
DIMETHOMORPH	0.1	ppm	1	PASS	<0.1	1.0765g					
ETHOPROPHOS	0.1	ppm	0.2	PASS	<0.1	Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOFENPROX	0.1	ppm	0.4	PASS	<0.1	Analyzed Date : 03/12/24 16:51:03					
ETOXAZOLE	0.1	ppm	0.2	PASS	<0.1	Weight:					
FENHEXAMID	0.1	ppm	1	PASS	<0.1	1.0765g					
FENOXYCARB	0.1	ppm	0.2	PASS	<0.1	Analysis Method : SOP.T.40.154.NY					
FENPYROXIMATE	0.1	ppm	0.4	PASS	<0.1	Analyzed Date : 03/12/24 16:51:09					
FIPRONIL	0.1	ppm	0.4	PASS	<0.1	Weight:					
FLONICAMID	0.1	ppm	1	PASS	<0.1	1.0765g					
FLUDIOXONIL	0.1	ppm	0.4	PASS	<0.1	Analysis Method : SOP.T.40.154.NY					
HEXYTHIAZOX	0.1	ppm	1	PASS	<0.1	Analyzed Date : 03/12/24 16:51:09					
IMAZALIL	0.1	ppm	0.2	PASS	<0.1	Weight:					
IMIDACLOPRID	0.1	ppm	0.4	PASS	<0.1	1.0765g					
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<0.1	Analysis Method : SOP.T.40.154.NY					
MALATHION	0.1	ppm	0.2	PASS	<0.1	Analyzed Date : 03/12/24 16:51:09					
METALAXYL	0.1	ppm	0.2	PASS	<0.1	Weight:					
METHIOCARB	0.1	ppm	0.2	PASS	<0.1	1.0765g					
METHOMYL	0.1	ppm	0.4	PASS	<0.1	Analysis Method : SOP.T.40.154.NY					
MEVINPHOS	0.1	ppm	1	PASS	<0.1	Analyzed Date : 03/12/24 16:51:09					
NALED	0.1	ppm	0.5	PASS	<0.1	Weight:					
OXAMYL	0.1	ppm	1	PASS	<0.1	1.0765g					

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Lab Director

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 <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	<100	TESTED		AFLATOXIN G2	0.003	ppm	<0.003	PASS	0.02
TOTAL YEAST AND MOLD	100	CFU/g	<100	TESTED		AFLATOXIN G1	0.003	ppm	<0.003	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.003	ppm	<0.003	PASS	0.02
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN B1	0.003	ppm	<0.003	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		OCHRATOXIN A+	0.010	ppm	<0.010	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.003	ppm	<0.003	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS							
ASPERGILLUS FUMIGATUS			Not Present	PASS		Weight:					
						1.0765g					
Weight:						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY					
1.0518g						Analyzed Date : 03/12/24 16:51:05					
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY											
Analyzed Date : 03/11/24 12:36:46											

 <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	0.3
CHROMIUM	1.0000	ug/g	<1.0000	PASS	110
COPPER	1.0000	ug/g	15.9637	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:					
0.4197g					
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY					
Analyzed Date : 03/12/24 11:35:59					

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**Filth/Foreign Material**

PASSED

**Moisture**

PASSED

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

Weight:  
15.7846g

Analysis Method : SOP.T.40.090  
Analyzed Date : 03/11/24 11:38:08

Analyte	LOQ	Units	Result	P/F	Action Level
Moisture Content	5.0	%	6.7	PASS	15

Weight:  
1.033g

Analysis Method : SOP.T.40.021  
Analyzed Date : 03/11/24 14:57:50

**Water Activity**

PASSED

Analyte	LOQ	Units	Result	P/F	Action Level
Water Activity	0.10	aw	0.23	PASS	0.65

Weight:  
0.2257g

Analysis Method : SOP.T.40.019  
Analyzed Date : 03/11/24 15:31:55

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