



# Certificate of Analysis



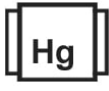







## FOR COMPLIANCE

Sample:AL31211002-002  
Batch#: 7070853698161047  
Seed to Sale# Biotrack  
Sample Size Received: 8 units  
Total Amount: 1000 units  
Retail Product Size: 3.5 gram  
Sampled: 12/11/23 12:15 PM  
Sampling Start: 12:15 PM  
Sampling End: 01:00 PM  
Revision Date: 01/03/24  
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**

 <b>Total THC</b> <b>17.1824%</b> Total THC/Container : 601.384 mg	 <b>Total CBD</b> <b>&lt;0.1000</b> Total CBD/Container : 0.000 mg	 <b>Total Cannabinoids</b> <b>20.4013%</b> Total Cannabinoids/Container : 714.046 mg
--	---	---

	(6AR, 9R) D10-THC	(6AR, 9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	DB-THC	D9-THC	THCA	THCV
%	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	<0.1000	0.8459	<0.1000	<0.1000	0.2635	19.2919	<0.1000
mg/unit	<3.500	<3.500	<3.500	<3.500	<3.500	<3.500	<3.500	29.607	<3.500	<3.500	9.223	675.217	<3.500
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:  
0.1926g  
Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 12/12/23 12:49:59

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**Erica Troy**  
Lab Director  
  
Signature  
12/18/23

**Revision: #1** - Report has been revised to include remediated micro results (run as AL31228001-001). Remediation results supersede and overwrite initial microbial results.



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

Kaycha Labs

3.5g Northern Lights #5 x Afghan #6  
northern lights #5 x Afghan #6  
Matrix : Flower  
Type: Flower - Cured



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

Sample : AL31211002-002

Batch# : 7070853698161047  
Sampled : 12/11/23 12:15 PM

Sample Size Received : 8 units  
Total Amount : 1000 units

Sampling Method : SOP.T.20.010.NY

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## Terpenes

**TESTED**

Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
BETA-MYRCENE	0.10	20.3	0.58		ISOBORNEOL	0.10	<3.5	<0.10	
BETA-CARYOPHYLLENE	0.04	12.3	0.35		MENTHOL	0.10	<3.5	<0.10	
LIMONENE	0.10	9.1	0.26		NEROL	0.10	<3.5	<0.10	
ALPHA-HUMULENE	0.04	4.6	0.13		OCIMENE	0.10	<3.5	<0.10	
GUAJOL	0.04	2.1	0.06		PULEGONE	0.10	<3.5	<0.10	
ALPHA-CEDRENE	0.04	1.8	0.05		ALPHA-PHELLANDRENE	0.10	<3.5	<0.10	
ALPHA-TERPINEOL	0.04	<1.4	<0.04		ALPHA-TERPINENE	0.10	<3.5	<0.10	
BORNEOL	0.04	<1.4	<0.04						
CAMPHENE	0.10	<3.5	<0.10						
CARYOPHYLLENE OXIDE	0.04	<1.4	<0.04						
CEDROL	0.04	<1.4	<0.04						
FENCHONE	0.04	<1.4	<0.04						
FENCHYL ALCOHOL	0.04	<1.4	<0.04						
ISOPULEGOL	0.04	<1.4	<0.04						
LINALOOL	0.10	<3.5	<0.10						
SABINENE	0.10	<3.5	<0.10						
SABINENE HYDRATE	0.04	<1.4	<0.04						
TERPINOLENE	0.04	<1.4	<0.04						
VALENCENE	0.10	<3.5	<0.10						
ALPHA-BISABOLOL	0.04	<1.4	<0.04						
ALPHA-PINENE	0.10	<3.5	<0.10						
BETA-PINENE	0.10	<3.5	<0.10						
CIS-NEROLIDOL	0.04	<1.4	<0.04						
GAMMA-TERPINENE	0.04	<1.4	<0.04						
TRANS-NEROLIDOL	0.10	<3.5	<0.10						
3-CARENE	0.10	<3.5	<0.10						
CAMPHOR	0.04	<1.4	<0.04						
EUCALYPTOL	0.10	<3.5	<0.10						
FARNESENE	0.10	<3.5	<0.10						
GERANIOL	0.04	<1.4	<0.04						
GERANYL ACETATE	0.04	<1.4	<0.04						
<b>Total (%)</b>			<b>1.43</b>						

Weight: 1.0041g  
Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY  
Analyzed Date : 12/12/23 17:37:11

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**Erica Troy**  
Lab Director

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

Signature  
12/18/23

**Revision: #1** - Report has been revised to include remediated micro results (run as AL31228001-001). Remediation results supersede and overwrite initial microbial results.

**Revision: #1** This revision supersedes any and all previous versions of this document.



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**PASSED**

Empire Hemp Co.

Sample : AL31211002-002

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

Batch# : 7070853698161047  
Sampled : 12/11/23 12:15 PM  
Sample Size Received : 8 units  
Total Amount : 1000 units  
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						
DIMETHOMORPH	0.1	ppm	1	PASS	<0.1	Weight:					
ETHOPROPHOS	0.1	ppm	0.2	PASS	<0.1	1.0143g					
ETOFENPROX	0.1	ppm	0.4	PASS	<0.1	Analysis Method : SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOXAZOLE	0.1	ppm	0.2	PASS	<0.1	Analyzed Date : 12/12/23 13:51:28					
FENHEXAMID	0.1	ppm	1	PASS	<0.1						
FENOXYCARB	0.1	ppm	0.2	PASS	<0.1	Weight:					
FENPYROXIMATE	0.1	ppm	0.4	PASS	<0.1	1.0143g					
FIPRONIL	0.1	ppm	0.4	PASS	<0.1	Analysis Method : SOP.T.40.154.NY					
FLONICAMID	0.1	ppm	1	PASS	<0.1	Analyzed Date : N/A					
FLUDIOXONIL	0.1	ppm	0.4	PASS	<0.1						
HEXYTHIAZOX	0.1	ppm	1	PASS	<0.1						
IMAZALIL	0.1	ppm	0.2	PASS	<0.1						
IMIDACLOPRID	0.1	ppm	0.4	PASS	<0.1						
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<0.1						
MALATHION	0.1	ppm	0.2	PASS	<0.1						
METALAXYL	0.1	ppm	0.2	PASS	<0.1						
METHIOCARB	0.1	ppm	0.2	PASS	<0.1						
METHOMYL	0.1	ppm	0.4	PASS	<0.1						
MEVINPHOS	0.1	ppm	1	PASS	<0.1						
NALED	0.1	ppm	0.5	PASS	<0.1						
OXAMYL	0.1	ppm	1	PASS	<0.1						

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**Erica Troy**  
Lab Director

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



Signature  
12/18/23

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
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Sampling Method : SOP.T.20.010.NY

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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:					
						1.0143g					
						Analysis Method : SOP.T.30.104.NY, SOP.T.40.104.NY					
						Analyzed Date : 12/12/23 13:56:16					
Weight:											
1.1253g											
Analysis Method : SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY											
Analyzed Date : 12/29/23 12:16:14											

 <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	18.9749	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:					
0.4585g					
Analysis Method : SOP.T.30.084.NY, SOP.T.40.084.NY					
Analyzed Date : 12/13/23 13:28:44					

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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:  
10.7471g

Analysis Method : SOP.T.40.090  
Analyzed Date : N/A

Analyte	LOQ	Units	Result	P/F	Action Level
Moisture Content	5.0	%	8.5	PASS	15

Weight:  
1.011g

Analysis Method : SOP.T.40.021  
Analyzed Date : 12/12/23 11:29:15



**Water Activity** **PASSED**

Analyte	LOQ	Units	Result	P/F	Action Level
Water Activity	0.10	aw	0.34	PASS	0.65

Weight:  
0.2644g

Analysis Method : SOP.T.40.019  
Analyzed Date : 12/12/23 12:17:51