



# Certificate of Analysis

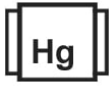
## FOR COMPLIANCE

Sample:AL31211002-003  
Batch#: 9531636487561257  
Seed to Sale# Biotrack  
Sample Size Received: 8 units  
Total Amount: 1200 units  
Retail Product Size: 3.5 gram  
Sampled: 12/11/23 02:20 PM  
Sampling Start: 02:20 PM  
Sampling End: 02:45 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>24.0569%</b> Total THC/Container : 841.992 mg	 <b>Total CBD</b> <b>&lt;0.1000</b> Total CBD/Container : 0.000 mg	 <b>Total Cannabinoids</b> <b>28.3683%</b> Total Cannabinoids/Container : 992.891 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	0.9870	<0.1000	<0.1000	0.3538	27.0275	<0.1000
mg/unit	<3.500	<3.500	<3.500	<3.500	<3.500	<3.500	<3.500	34.545	<3.500	<3.500	12.383	945.963	<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: 0.2016g  
Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 12/12/23 12:49:59

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**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 AL31228001-002). Remediation results supersede and overwrite initial microbial results.



# Certificate of Analysis

**PASSED**

Empire Hemp Co.

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

Sample : AL31211002-003

Batch# : 9531636487561257  
Sampled : 12/11/23 02:20 PM

Sample Size Received : 8 units  
Total Amount : 1200 units

Sampling Method : SOP.T.20.010.NY

Page 2 of 5



## Terpenes

**TESTED**

Terpenes	LOQ (%)	mg/unit	%	Result (%)	Terpenes	LOQ (%)	mg/unit	%	Result (%)
BETA-CARYOPHYLLENE	0.04	30.1	0.86		GUAJOL	0.04	<1.4	<0.04	
LIMONENE	0.10	13.0	0.37		ISOBORNEOL	0.10	<3.5	<0.10	
LINALOOL	0.10	7.7	0.22		MENTHOL	0.10	<3.5	<0.10	
ALPHA-HUMULENE	0.04	7.4	0.21		NEROL	0.10	<3.5	<0.10	
ALPHA-CEDRENE	0.04	3.9	0.11		PULEGONE	0.10	<3.5	<0.10	
ALPHA-BISABOLOL	0.04	2.5	0.07		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						
EUCALYPTOL	0.10	<3.5	<0.10						
FENCHONE	0.04	<1.4	<0.04						
FENCHYL ALCOHOL	0.04	<1.4	<0.04						
GERANIOL	0.04	<1.4	<0.04						
ISOPULEGOL	0.04	<1.4	<0.04						
OCIMENE	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-PINENE	0.10	<3.5	<0.10						
BETA-MYRCENE	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						
FARNESENE	0.10	<3.5	<0.10						
GERANYL ACETATE	0.04	<1.4	<0.04						
<b>Total (%)</b>				<b>1.88</b>					

Weight:  
1.002g  
Analysis Method : SOP.T.30.064.NY, SOP.T.40.064.NY  
Analyzed Date : 12/12/23 17:37:11

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**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 AL31228001-002). Remediation results supersede and overwrite initial microbial results.



# Certificate of Analysis

**PASSED**

Empire Hemp Co.

Sample : AL31211002-003

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

Batch# : 9531636487561257  
Sample Size Received : 8 units  
Sampled : 12/11/23 02:20 PM  
Total Amount : 1200 units  
Sampling Method : SOP.T.20.010.NY

Page 3 of 5



## 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	0.9818g					
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	0.9818g					
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						

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**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 AL31228001-002). Remediation results supersede and overwrite initial microbial results.



# Certificate of Analysis

**PASSED**

Empire Hemp Co.

Sample : AL31211002-003

34 Swan st  
Batavia, NY, 14020, US

Telephone: (585) 261-3682

Email: kevin@empirehempco.com

License # : OCM-AUCP-22-000015

Batch# : 9531636487561257



Sampled : 12/11/23 02:20 PM


Sample Size Received : 8 units

Total Amount : 1200 units

Sampling Method : SOP.T.20.010.NY

Page 4 of 5

 <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	1500	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:					
						0.9818g					
Weight:						Analysis Method :					
1.0103g						SOP.T.30.104.NY, SOP.T.40.104.NY					
Analysis Method :						Analized Date :					
SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY						12/12/23 13:56:16					
Analized 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	11.5809	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:					
0.4706g					
Analysis Method :					
SOP.T.30.084.NY, SOP.T.40.084.NY					
Analized Date :					
12/13/23 13:28:44					

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**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 AL31228001-002). Remediation results supersede and overwrite initial microbial results.



# Certificate of Analysis

**PASSED**

Empire Hemp Co.

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

Sample : AL31211002-003

Batch# : 9531636487561257  
Sampled : 12/11/23 02:20 PM

Sample Size Received : 8 units  
Total Amount : 1200 units

Sampling Method : SOP.T.20.010.NY

Page 5 of 5



**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:  
12.0965g

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

Analyte	LOQ	Units	Result	P/F	Action Level
Moisture Content	5.0	%	8.6	PASS	15

Weight:  
1.103g

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	0.44	PASS	0.65

Weight:  
0.2591g

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

This Kaycha Labs Certification shall not be reproduced, unless in its entirety, without written approval from Kaycha Labs. The results relate only to the material or product analyzed. ND=Not Detected, ppm=Parts Per Million, ppb=Parts Per Billion, RSD=Relative Standard Deviation. Limit of Detection (LOD) and Limit Of Quantitation (LOQ) are terms used to describe the smallest concentration that can be detected and reliably measured by an analytical procedure, respectively. Action Levels are State determined thresholds based on 9 New York Codes, Rules and Regulations (NYCRR) Part 130 and Cannabis Law. The Measurement of Uncertainty (MU) error is available from the lab upon request. The "Decision Rule" for pass/fail does not include the MU. Any calculated totals may contain rounding errors.

**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 AL31228001-002). Remediation results supersede and overwrite initial microbial results.