



# Certificate of Analysis

## FOR COMPLIANCE

Sample:AL30607004-005  
Harvest/Lot ID: HBCM-100  
Batch#: HBCM-100  
Seed to Sale# Yes  
Sample Size Received: 8 units  
Total Amount: 650 units  
Retail Product Size: 40 gram  
Sampled: 05/31/23 10:15 AM  
Sampling Start: 10:15 AM  
Sampling End: 10:15 AM

**PASSED**

Pages 1 of 5

Emerald City NY LLC  
License # : OCM-AUCP-22-000023  
46 Foster Road  
Hopewell Junction, NY, 12533, US

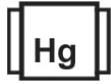
PRODUCT IMAGE



SAFETY RESULTS



Pesticides  
**PASSED**



Heavy Metals  
**PASSED**



Microbials  
**PASSED**



Mycotoxins  
**PASSED**



Residuals Solvents  
**PASSED**



Filtration  
**NOT TESTED**



Water Activity  
**PASSED**



Moisture  
**NOT TESTED**



Terpenes  
**NOT TESTED**

MISC.



**Cannabinoid**

**PASSED**



**Total THC**  
**0.0365%**  
Total THC/Container : 14.6 mg



**Total CBD**  
**0.2372%**  
Total CBD/Container : 94.88 mg



**Total Cannabinoids**  
**0.4706%**  
Total Cannabinoids/Container : 188.24 mg

	(6AR,9R) D10-THC	(6AR,9S) D10-THC	CBC	CBD	CBDA	CBDV	CBG	CBGA	CBN	D8-THC	D9-THC	THCA	THCV
%	<LOQ	0.0011	<LOQ	0.2372	<LOQ	0.0007	0.1962	<LOQ	<LOQ	<LOQ	0.0354	<LOQ	<LOQ
mg/unit	<LOQ	0.44	<LOQ	94.88	<LOQ	0.28	78.48	<LOQ	<LOQ	<LOQ	14.16	<LOQ	<LOQ
LOQ	0.0007	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:  
3.0129g

Analysis Method : SOP.T.30.031.NY, SOP.T.40.031.NY  
Analyzed Date : 06/08/23 15:41:17

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**Erica Troy**  
Lab Director

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



Signature  
06/21/23



# Certificate of Analysis

**PASSED**

Emerald City NY LLC

Sample : AL30607004-005  
Harvest/Lot ID: HBCM-100

46 Foster Road  
Hopewell Junction, NY, 12533, US  
Telephone: (845) 447-2240  
Email: GreenSpectrumsCBD@gmail.com  
License # : OCM-AUCP-22-000023

Batch# : HBCM-100  
Sampled : 05/31/23  
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Sample Method : SOP Client Method

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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	<LOQ	PACLOBUTRAZOL	0.1	ppm	0.4	PASS	<LOQ
AZADIRACTIN	0.1	ppm	1	PASS	<LOQ	PERMETHRIN	0.1	ppm	0.2	PASS	<LOQ
INDOLE-3-BUTYRIC ACID	0.1	ppm	1	PASS	<LOQ	PHOSMET	0.1	ppm	0.2	PASS	<LOQ
MYCLOBUTANIL	0.1	ppm	0.2	PASS	<LOQ	PRALLETHRIN	0.1	ppm	0.2	PASS	<LOQ
PIPERONYL BUTOXIDE	0.1	ppm	2	PASS	<LOQ	PROPICONAZOLE	0.1	ppm	0.4	PASS	<LOQ
ABAMECTIN B1A	0.1	ppm	0.5	PASS	<LOQ	PROPOXUR	0.1	ppm	0.2	PASS	<LOQ
ACEPHATE	0.1	ppm	0.4	PASS	<LOQ	PYRIDABEN	0.1	ppm	0.2	PASS	<LOQ
ACEQUINOACYL	0.1	ppm	2	PASS	<LOQ	SPINETORAM, TOTAL	0.1	ppm	1	PASS	<LOQ
ACETAMIPRID	0.1	ppm	0.2	PASS	<LOQ	SPINOSAD, TOTAL	0.1	ppm	0.2	PASS	<LOQ
ALDICARB	0.1	ppm	0.4	PASS	<LOQ	SPIROMESIFEN	0.1	ppm	0.2	PASS	<LOQ
AZOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ	SPIROTETRAMAT	0.1	ppm	0.2	PASS	<LOQ
CHLORMEQUAT CHLORIDE	0.1	ppm	1	PASS	<LOQ	SPIROXAMINE	0.1	ppm	0.2	PASS	<LOQ
BIFENAZATE	0.1	ppm	0.2	PASS	<LOQ	TEBUCONAZOLE	0.1	ppm	0.4	PASS	<LOQ
BIFENTHRIN	0.1	ppm	0.2	PASS	<LOQ	THIACLOPRID	0.1	ppm	0.2	PASS	<LOQ
CARBARYL	0.1	ppm	0.2	PASS	<LOQ	THIAMETHOXAM	0.1	ppm	0.2	PASS	<LOQ
COUMAPHOS	0.1	ppm	1	PASS	<LOQ	TRIFLOXYSTROBIN	0.1	ppm	0.2	PASS	<LOQ
CHLORPYRIFOS	0.1	ppm	0.2	PASS	<LOQ	CAPTAN *	0.1	ppm	1	PASS	<LOQ
DAMINOZIDE	0.1	ppm	1	PASS	<LOQ	CHLORDANE *	0.1	ppm	1	PASS	<LOQ
BOSCALID	0.1	ppm	0.4	PASS	<LOQ	CHLORFENAPYR *	0.1	ppm	1	PASS	<LOQ
CARBOFURAN	0.1	ppm	0.2	PASS	<LOQ	CYFLUTHRIN *	0.1	ppm	1	PASS	<LOQ
CHLORANTRANILIPROLE	0.1	ppm	0.2	PASS	<LOQ	CYPERMETHRIN *	0.1	ppm	1	PASS	<LOQ
CLOFENTEZINE	0.1	ppm	0.2	PASS	<LOQ	METHYL PARATHION *	0.1	ppm	0.2	PASS	<LOQ
DIAZINON	0.1	ppm	0.2	PASS	<LOQ	MGK-264 *	0.1	ppm	0.2	PASS	<LOQ
DICHLORVOS	0.1	ppm	1	PASS	<LOQ	PENTACHLORONITROBENZENE *	0.1	ppm	1	PASS	<LOQ
DIMETHOATE	0.1	ppm	0.2	PASS	<LOQ						
DIMETHOMORPH	0.1	ppm	1	PASS	<LOQ	Weight: 0.52g					
ETHOPROPHOS	0.1	ppm	0.2	PASS	<LOQ	Analysis Method :SOP.T.40.104.NY, SOP.T30.104.NY and SOP.T.40.154.NY					
ETOFENPROX	0.1	ppm	0.4	PASS	<LOQ	Analyzed Date :06/16/23 09:10:32					
ETOXAZOLE	0.1	ppm	0.2	PASS	<LOQ						
FENHEXAMID	0.1	ppm	1	PASS	<LOQ	Weight: 0.52g					
FENOXYCARB	0.1	ppm	0.2	PASS	<LOQ	Analysis Method :SOP.T.40.154.NY					
FENPYROXIMATE	0.1	ppm	0.4	PASS	<LOQ	Analyzed Date :06/19/23 15:07:08					
FIPRONIL	0.1	ppm	0.4	PASS	<LOQ						
FLONICAMID	0.1	ppm	1	PASS	<LOQ						
FLUDIOXONIL	0.1	ppm	0.4	PASS	<LOQ						
HEXYTHIAZOX	0.1	ppm	1	PASS	<LOQ						
IMAZALIL	0.1	ppm	0.2	PASS	<LOQ						
IMIDACLOPRID	0.1	ppm	0.4	PASS	<LOQ						
KRESOXIM METHYL	0.1	ppm	0.4	PASS	<LOQ						
MALATHION	0.1	ppm	0.2	PASS	<LOQ						
METALAXYL	0.1	ppm	0.2	PASS	<LOQ						
METHIOCARB	0.1	ppm	0.2	PASS	<LOQ						
METHOMYL	0.1	ppm	0.4	PASS	<LOQ						
MEVINPHOS	0.1	ppm	1	PASS	<LOQ						
NALED	0.1	ppm	0.5	PASS	<LOQ						
OXAMYL	0.1	ppm	1	PASS	<LOQ						

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**Erica Troy**  
Lab Director

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



Signature  
06/21/23



# Certificate of Analysis

**PASSED**

**Emerald City NY LLC**

46 Foster Road  
Hopewell Junction, NY, 12533, US  
**Telephone:** (845) 447-2240  
**Email:** GreenSpectrumsCBD@gmail.com  
**License # :** OCM-AUCP-22-000023

**Sample :** AL30607004-005  
**Harvest/Lot ID:** HBCM-100  
**Batch # :** HBCM-100  
**Sampled :** 05/31/23

**Sample Size Received :** 8 units  
**Total Amount :** 650 units  
**Sample Method :** SOP Client Method

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## Residual Solvents

**PASSED**

Solvents	LOQ	Units	Action Level	Pass/Fail	Result
HEXANE, TOTAL	208.4	ppm	290	PASS	<LOQ
PENTANES, TOTAL	2700	ppm	5000	PASS	<LOQ
BUTANES, TOTAL	1800	ppm	5000	PASS	<LOQ
XYLENES, TOTAL	1171.8	ppm	2170	PASS	<LOQ
PROPANE	900	ppm	5000	PASS	<LOQ
METHANOL	540	ppm	3000	PASS	<LOQ
ETHANOL	900	ppm	5000	PASS	<LOQ
ETHYL ETHER	900	ppm	5000	PASS	<LOQ
ACETONE	180	ppm	5000	PASS	<LOQ
2-PROPANOL	900	ppm	5000	PASS	<LOQ
ACETONITRILE	73.8	ppm	410	PASS	<LOQ
DICHLOROMETHANE	108	ppm	600	PASS	<LOQ
ETHYL ACETATE	900	ppm	5000	PASS	<LOQ
BENZENE	0.45	ppm	2	PASS	<LOQ
N-HEPTANE	900	ppm	5000	PASS	<LOQ
TOLUENE	160.2	ppm	890	PASS	<LOQ
CHLOROFORM	10.8	ppm	60	PASS	<LOQ

**Weight:**  
0.029387g

**Analysis Method :** SOP.T.40.044.NY  
**Analyzed Date :** 06/13/23 15:55:14

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**Sample : AL30607004-005**  
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
46 Foster Road  
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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	10	CFU/g	<100	PASS	10000	AFLATOXIN G2	0.0025	ppm	<LOQ	PASS	0.02
TOTAL YEAST AND MOLD	10	CFU/g	<100	PASS	1000	AFLATOXIN G1	0.0025	ppm	<LOQ	PASS	0.02
ESCHERICHIA COLI SHIGELLA SPP			Not Present	PASS		AFLATOXIN B2	0.0025	ppm	<LOQ	PASS	0.02
SALMONELLA SPECIES			Not Present	PASS		AFLATOXIN B1	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS TERREUS			Not Present	PASS		OCHRATOXIN A+	0.01	ppm	<LOQ	PASS	0.02
ASPERGILLUS NIGER			Not Present	PASS		TOTAL AFLATOXINS (B1, B2, G1, G2)	0.0025	ppm	<LOQ	PASS	0.02
ASPERGILLUS FLAVUS			Not Present	PASS							
ASPERGILLUS FUMIGATUS			Not Present	PASS							
<b>Weight:</b> 1.0432g						<b>Weight:</b> 0.52g					
<b>Analysis Method :</b> SOP.T.40.058A.NY, SOP.T.40.058B.NY, SOP.T.40.208.NY						<b>Analysis Method :</b> SOP.T.30.104.NY, SOP.T.40.104.NY					
<b>Analized Date :</b> 06/07/23 15:01:39						<b>Analized Date :</b> 06/16/23 11:28:57					

 <b>Heavy Metals</b> <span style="float: right;"><b>PASSED</b></span>					
Metal	LOQ	Units	Result	Pass / Fail	Action Level
ANTIMONY	1	ug/g	<LOQ	PASS	120
ARSENIC	1	ug/g	<LOQ	PASS	1.5
CADMIUM	1	ug/g	<LOQ	PASS	0.5
CHROMIUM	10	ug/g	<LOQ	PASS	1100
COPPER	10	ug/g	<LOQ	PASS	300
LEAD	1	ug/g	<LOQ	PASS	0.5
MERCURY	0.1	ug/g	<LOQ	PASS	3
NICKEL	1	ug/g	<LOQ	PASS	20
<b>Weight:</b> 0.4957g					
<b>Analysis Method :</b> SOP.T.30.084.NY, SOP.T.40.084.NY					
<b>Analized Date :</b> 06/08/23 16:50:44					



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Sample Method : SOP Client Method

Page 5 of 5



**Water Activity**

PASSED

Analyte	LOQ	Units	Result	P/F	Action Level
Water Activity	0.1	aw	0.63	PASS	0.85

Weight:  
6.508g

Analysis Method : SOP.T.40.019  
Analyzed Date : N/A