

**Lexachrom Analytical Laboratory- NYS DOH ELAP ID 12134**  
**Certificate of Analysis**

**30 S Ocean Ave, Suite 203**  
**Freeport, NY 11520, USA**

#### Client Information

<b>Client ID:</b>	GROWER_9	<b>First Name:</b>	Rick	<b>Last Name:</b>	Weissman	<b>Facility Name:</b>	High Falls Canna
<b>Type:</b>	Growers	<b>Entry Date:</b>	03 Jan, 2023	<b>License Number:</b>	AUCC 2022-000215	<b>Email:</b>	rick@highfallshempny.com
<b>Country:</b>	United States	<b>Address:</b>	PO Box 147				

#### Sample Information

<b>Sample ID:</b>	whl_flwr_3612	<b>Sample ID [External]:</b>	Pool 23-F0002	<b>Type:</b>	Whole Flower	<b>Batch ID:</b>	23-F0002
<b>Current Quantity:</b>	3.50	<b>Current Quantity-Unit:</b>	g	<b>Custodian:</b>	M_ADMIN	<b>Collection Date:</b>	03 Jan, 2022
<b>Entry Date:</b>	03 Jan, 2023	<b>Entry Time:</b>	12:14:10 PM	<b>Associated Client:</b>	GROWER_9		

#### Test Information: Chemistry/ HPLC Potency - Cannabinoids by HPLC-PDA

Test ID	Sample Testing Completion Date	Type	Group	Code
LC_Potency_447	Jan 04, 2022	Chemistry_HPLC Potency	Chemistry	HPLC Potency

#### Analytes and Results: Chemistry/ HPLC Potency and Profile - Test Method NYS DOH MML-300

**COMPLETE**

#### HPLC Potency

Analyte Name	LOQ* (ug/mL)	Mass (mg/dose)	% Weight (%Cs)
Cannabichromene (CBC)	0.627	<LOQ	< 8.58%
Cannabidiol (CBD)	0.608	<LOQ	< 8.32%
Cannabidiolic Acid (CBDA)	0.713	0.15	1.48%
Cannabidivarin (CBDV)	0.691	<LOQ	< 9.46%
Cannabigerol (CBG)	0.634	<LOQ	< 8.68%
Cannabigerolic Acid (CBGA)	0.704	<LOQ	< 9.64%
Cannabinol (CBN)	0.637	<LOQ	< 8.72%
Delta-9-Tetrahydrocannabinol (D9-THC)	0.660	<LOQ	< 9.04%
Tetrahydrocannabinolic Acid (THCA)	0.795	1.75	0.17
Tetrahydrocannabivarin (THCV)	0.681	<LOQ	< 9.32%
Delta-8-Tetrahydrocannabinol (D8-THC)	0.660	<LOQ	< 10.37%
<b>Total Tetrahydrocannabinol (total-THC)</b>		<b>1.53</b>	<b>15.33%</b>
<b>Total Cannabidiol (total-CBD)</b>		<b>0.13</b>	<b>1.30%</b>

**NOTE:**

**Sampling/Digestion/Extraction in accordance with NYSELAP Method NYS DOH MML-301**

**NOTE:**

**\*Limit of Quantitation (LOQ)**

The concentration of an analyte that can be reported within the accuracy and precision limits defined by the method. The LOQ can be no lower than the lowest calibration standard used in the analysis.

## Test Information: Cannabis Testing/ Metals - Cannabinoids by HPLC-PDA

Test ID	Sample Testing Completion Date	Type	Group	Code
MTnMT_446	Jan 11, 2023	Cannabis Testing_Metals	Cannabis Testing	Metals

## Analytes and Results: Cannabis Testing/ Metals - Test Method NYS DOH LINC-250

**PASS**

Analyte Name	MRL**(ug/g)	Amount (ug/g)	Status
Antimony (Sb)	0.8	<MRL	PASS
Arsenic	0.15	<MRL	PASS
Cadmium	0.2	<MRL	PASS
Chromium	2	<MRL	PASS
Copper	2	<MRL	PASS
Lead	0.2	<MRL	PASS
Mercury	0.25	<MRL	PASS
Nickel	1.25	<MRL	PASS
Zinc	20	<MRL	PASS

**NOTE:****\*\*Minimum Reporting Limit (MRL):**

The level below which the laboratory will not report concentration results for an analyte. The MRL cannot be less than the LOQ\*, and is determined by the instrument sensitivity and program requirements. Results below this limit are reported as less than that concentration.

## Test Information: Cannabis Testing/ Mycotoxins - Cannabinoids by HPLC-PDA

Test ID	Sample Testing Completion Date	Type	Group	Code
MYCX_445	Jan 11, 2023	Cannabis Testing_Mycotoxins	Cannabis Testing	Mycotoxins

## Analytes and Results: Cannabis Testing/ Mycotoxins - Test Method NYS DOH MML-303

**PASS**

Analyte Name	LOQ (ng/g)	Amount (ng/g)	Status
Aflatoxin B1	0.099	<LOQ	Pass
Aflatoxin B2	0.141	<LOQ	Pass
Aflatoxin G1	0.129	<LOQ	Pass
Aflatoxin G2	0.114	<LOQ	Pass
Ochratoxin A	0.113	<LOQ	Pass

## Test Information: Cannabis Testing/ PGRs and Pesticides - Cannabinoids by HPLC-PDA

Test ID	Sample Testing Completion Date	Type	Group	Code
PGRP_449	Jan 12, 2023	Cannabis Testing_PGRs and Pesticides	Cannabis Testing	PGRs and Pesticides

## Analytes and Results: Cannabis Testing/ PGRs and Pesticides - Test Method NYS DOH MML-306 and MML-307

**PASS**

Analyte Name	LOQ (ng/g)	Amount (ng/g)	Status
Azadirachtin	67.41	<LOQ	Pass
IBA	70.87	<LOQ	Pass
Piperonyl Butoxide (PBO)	48.76	<LOQ	Pass

## Test Information: Cannabis Testing/ Natural Pyrethrins - Cannabinoids by HPLC-PDA

Test ID	Sample Testing Completion Date	Type	Group	Code
NPY_449	Jan 13, 2023	Cannabis Testing_Natural Pyrethrins	Cannabis Testing	Natural Pyrethrins

## Analytes and Results: Cannabis Testing/ Natural Pyrethrins - Test Method NYS DOH MML-308

**PASS**

Analyte Name	LOQ (ng/g)	Amount (ng/g)	Status
Cinerin I	0.067	<LOQ	Pass
Cinerin II	0.141	<LOQ	Pass
Jasmolin I	0.06	<LOQ	Pass
Jasmolin II	0.087	<LOQ	Pass
Pyrethrin I	0.318	<LOQ	Pass
Pyrethrin II	0.605	<LOQ	Pass

## Test Information: Cannabis Testing/ Microbials QLT - Cannabinoids by HPLC-PDA

Test ID	Sample Testing Completion Date	Type	Group	Code
MLL_447	Jan 13, 2023	Cannabis Testing_Microbials QLT	Cannabis Testing	Microbials QLT

## Analytes and Results: Cannabis Testing/ Microbials Qualitative - Test Method NYS DOH LEB-604

**PASS**

Analyte	NYS ELAP Method	Result	Status
E. coli	NYS DOH ELAP LEB- 604***	Negative	Pass
Salmonella spp.	NYS DOH ELAP LEB- 604***	Negative	Pass

## Test Information: Cannabis Testing/ Microbials QNT - Cannabinoids by HPLC-PDA

Test ID	Sample Testing Completion Date	Type	Group	Code
MQNT_447	Jan 13, 2023	Cannabis Testing_Microbials QNT	Cannabis Testing	Microbials QNT

## Analytes and Results: Cannabis Testing/ Microbials Quantitative - Test Method NYS DOH LEB-605 /LEB-618

**PASS**

Analyte	NYS ELAP Method	Result	CFU/g	Ct Value	Status
Aerobic Plate Count	NYS DOH ELAP LEB-	Not Detected	1.19E+06	N/A	Pass
Aspergillus/Penicillium/Paecilomyces spp.	NYS DOH ELAP LEB-	Not Detected	<1	N/A	Pass
E. coli STEC	SOP LEXA041	Not Detected	<1	N/A	Pass
Mold Plate Count	NYS DOH ELAP LEB-	Not Detected	7.80E+05	N/A	Pass
Salmonella spp.	SOP LEXA041	Not Detected	<1	N/A	Pass

**N.B. Bacteria NTID: Enterobacter cloacae complex, Mold NTID: Cladosporium allacinum / cladosporioides / cucumerinum / herbarum / macrocarpum / phaenocoma / ramotenellum. CRL Report Attached**

If Aspergillus/Penicillium/Paecilomyces group is detected, further testing to identify particular Aspergillus species is done as below. If not detected this further testing is N/A:

## Test Information: Cannabis Testing/ Aspergillus Spec - Cannabinoids by HPLC-PDA

Test ID	Sample Testing Completion Date	Type	Group	Code
MAS_447	Jan 12, 2023	Cannabis Testing_AspERGILLUS Spec	Cannabis Testing	Aspergillus Spec

## Analytes and Results: Cannabis Testing/ Microbials Quantitative, Aspergillus species- Test Method NYS DOH LEB-618

**PASS**

Analyte	NYS ELAP Method	Result	CFU/g	Ct Value	Status
Aspergillus flavus	NYS DOH ELAP LEB-	Not Detected	<1	N/A	Pass
Aspergillus fumigatus	NYS DOH ELAP LEB-	Not Detected	<1	N/A	Pass
Aspergillus niger	NYS DOH ELAP LEB-	Not Detected	<1	N/A	Pass
Aspergillus terreus	NYS DOH ELAP LEB-	Not Detected	<1	N/A	Pass

**NOTE:**

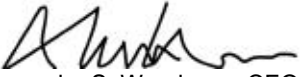
\*\*\*Preparation in accordance with NYSELAP Method NYS DOH LEB-603.

**NOTE:**

Samples are pooled as needed for microbiological testing. For these tests only one result is reported, which is the same for all specimens

**Disclaimer**

**All Tests are conducted by Lexachrom Analytical Laboratory and conform to NYS DOH ELAP regulations and standards.  
The results reported relate only to the samples as received and tested.  
This Certificate of Analysis (CoA) shall not be reproduced in full without the written approval of Lexachrom Analytical Laboratory.**



Alexander S. Woodmass CEO/  
Lead Technical Director  
23 Jan, 2023



Risikat Oladimeji  
Technical Director of Microbiology/QA Manager  
23 Jan, 2023