Lexachrom Analytical Laboratory- NYS OCM Permit #OCM-CPL-2022-00002

Certificate of Analysis

Contact person: Alexander S. Woodmass
Phone number: (516) 415-7535
30 S Ocean Ave, Suite 203
Freeport, NY 11520, USA

Client Information

Client ID:	GROWER_21	**First Name:**	David	**Last Name:**	Sholes	**Facility Name:**	Omnium
Entry Date:	04/05/2024	**License Number:**	OCM-AUCP-22-000029	**Email:**	david.aurum@proton.me	**Phone No.:**	539-777-7997
Address:	415 Oser Ave, Suite Q1	**Country:**	United States				

Sample Information

Sample ID:	VC_4330	**Sample ID [External]:**	Pool CHG-24002	**Sample Type:**	Concentrates
Batch ID:	CHG-24002	**Analysis Type:**	Compliance	**Product Type:**	Adult-Use
Collection Date:	2024-04-12	**Collection Time:**	13:12	**Collection Site:**	Hauppauge

Test Information: Chemistry/ HPLC Potency

Test Method	Test ID	Type	Group	Code
SOP LEXA001	LC_Potency_610	Chemistry_HPLC Potency	Chemistry	HPLC Potency

Analytes and Results: Chemistry/ HPLC Potency PASS

Analyte Name	LOQ* (µg/mL)	Mass (mg/dose)	% Weight (%Cs)
Cannabichromene (CBC)	0.627	<LOQ	< 0.24%
Cannabidiol (CBD)	0.608	<LOQ	< 0.24%
Cannabidiolic Acid (CBDA)	0.713	<LOQ	< 0.28%
Cannabidivarin (CBDV)	0.691	<LOQ	< 0.27%
Cannabigerol (CBG)	0.634	0.37	3.66%
Cannabigerolic Acid (CBGA)	0.704	<LOQ	< 0.28%
Cannabinol (CBN)	0.637	0.34	3.37%
Delta-9-Tetrahydrocannabinol (D9-THC)	0.660	8.68	86.75%
Delta-8-Tetrahydrocannabinol (D8-THC)	0.712	<LOQ	< 0.3%
(6aR, 9S)Delta-10-Tetrahydrocannabinol (9SD10-THC)	0.557	<LOQ	< 0.29%
(6aR, 9R)Delta-10-Tetrahydrocannabinol (9RD10-THC)	0.612	<LOQ	< 0.3%
Tetrahydrocannabinolic Acid (THCA)	0.795	0.39	3.86%
Tetrahydrocannabivarin (THCV)	0.681	<LOQ	< 0.27%
Total Tetrahydrocannabinol (total-THC)		9.01	90.13%
Total Cannabidiol (total-CBD)		<LOQ	< 0.24%

Sample Testing Result: **Pass**

Analysis Date: **04/16/2024**

Analysis Time: **17:46**

Notes/Comments: **Sampling/Digestion/Extraction in accordance with Method SOP LEXA001**

Notes/ Comments: ***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/ Moisture Content

Test Method
SOP LEXA041

Analytes and Results: Cannabis Testing/ Moisture Content N/A

Analyte Name	Amount
Moisture Content (%)	N/A
Adjusted Dry Mass of Dose (mg)	10.0

Analysis Date:

Analysis Time:

Notes/Comments: **Test Limits: 5.0-15.0%**

Test Information: Cannabis Testing/ Water Activity

Test Method
SOP LEXA042

Analytes and Results: Cannabis Testing/ Water Activity N/A

Analyte Name	aW
Water Activity	N/A

Analysis Date:

Analysis Time:

Notes/Comments: **Test Limits: Flower (<=0.65 units); Edibles (<=0.85 units)**

Test Information: Cannabis Testing/ Filth Foreign Matter

Test Method
SOP LEXA043

Analytes and Results: Cannabis Testing/ Filth Foreign Matter N/A

Analyte Name	Amount
Mammalian Excreta (mg)	N/A
Foreign Material (%)	N/A

Analysis Date:

Analysis Time:

Notes/Comments: **Test Limits: Mammalian Excreta - Not more than an average of 1mg or more per pound; Foreign material - Not more than an average of 5% of stems 3 mm or more in diameter or more by weight and not more than 2% of other foreign matter.**

Test Information: Cannabis Testing/ Metals

Test Method	Test ID	Type	Group	Code
SOP LEXA005	MTnMT_606	Cannabis Testing_Metals	Cannabis Testing	Metals

Analytes and Results: Cannabis Testing/ Metals PASS

Analyte Name	LOQ (ppm)	Amount (ppm)	Status
Antimony (Sb)	0.0007	<LOQ	Pass
Arsenic	0.0006	<LOQ	PASS
Cadmium	0.0006	<LOQ	PASS
Chromium	0.0008	1.481	PASS
Copper	0.0008	<LOQ	Pass
Lead	0.0005	0.1170	PASS
Mercury	0.0002	<LOQ	PASS
Nickel	0.0008	0.066	PASS

Analysis Date: **04/14/2024**

Analysis Time: **14:45**

Notes/Comments: ****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/ Mycotoxins

Test Method	Test ID	Type	Group	Code
SOP LEXA002	MYCX_Pesticides-606	Cannabis Testing_Mycotoxins	Cannabis Testing	Mycotoxins

Analytes and Results: Cannabis Testing/ Mycotoxins PASS

Analyte Name	LOQ (ppm)	Amount (ppm)	Status
Aflatoxin B2	0.00141	<LOQ	PASS
Aflatoxin B1	0.00099	<LOQ	PASS
Ochratoxin A	0.00113	<LOQ	PASS
Aflatoxin G1	0.00129	<LOQ	PASS
Aflatoxin G2	0.00114	<LOQ	PASS
Acequinocyl	0.04400	<LOQ	PASS
Bifenthrin	0.03800	<LOQ	PASS
Cypermethrin	0.03500	<LOQ	PASS
Diazinon	0.04900	<LOQ	PASS
Malathion	0.03800	<LOQ	PASS
Naled	0.03700	<LOQ	PASS

Continued...

Analytes and Results: Cannabis Testing/ Mycotoxins PASS *Continued...*

Analyte Name	LOQ (ppm)	Amount (ppm)	Status
Permethrins, Total	0.04300	<LOQ	PASS
Prallethrin	0.03800	<LOQ	PASS
Pyrethrins	0.04200	<LOQ	PASS
Spiromesifen	0.03900	<LOQ	PASS
Myclobutanil (Systhane)	0.04200	<LOQ	PASS
Tebuconazole	0.04300	<LOQ	PASS
MGK-264	0.04100	<LOQ	PASS
Chlormequat chloride	0.04300	<LOQ	PASS
Clofentezine	0.02800	<LOQ	PASS
Fenhexamid	0.04300	<LOQ	PASS
Oxamyl	0.03700	<LOQ	PASS
Spinosad	0.03400	<LOQ	PASS
Spirotetramat	0.03300	<LOQ	PASS
Ethoprop	0.04500	<LOQ	PASS
Methiocarb	0.04800	<LOQ	PASS
Spinetoram	0.04100	<LOQ	PASS
Abamectin	0.09500	<LOQ	PASS
Acephate	0.07300	<LOQ	PASS
Aldicarb	0.08700	<LOQ	PASS
Bifenazate	0.07400	<LOQ	PASS
Boscalid	0.07300	<LOQ	PASS
Carbaryl	0.09000	<LOQ	PASS
Carbofuran	0.07600	<LOQ	PASS
Chlorantraniliprole	0.07000	<LOQ	PASS
Coumaphos	0.08300	<LOQ	PASS
Dimethoate	0.06700	<LOQ	PASS
Dimethomorph	0.06000	<LOQ	PASS
Etofenprox	0.09600	<LOQ	PASS
Fenoxycarb	0.07000	<LOQ	PASS
Fenpyroximate	0.07600	<LOQ	PASS
Fipronil	0.06100	<LOQ	PASS
Flonicamid	0.07800	<LOQ	PASS
Hexythiazox	0.07400	<LOQ	PASS
Imazalil	0.08300	<LOQ	PASS
Imidacloprid	0.05800	<LOQ	PASS
Kresoximmethyl	0.08700	<LOQ	PASS
Metalaxyl	0.07600	<LOQ	PASS
Methomyl	0.06100	<LOQ	PASS
Mevinphos	0.08100	<LOQ	PASS
Myclobutanil	0.07800	<LOQ	PASS
Paclobutrazol	0.07500	<LOQ	PASS
Piperonyl butoxide	0.07500	<LOQ	PASS
Pyridaben	0.07000	<LOQ	PASS
Spiroxamine	0.07300	<LOQ	PASS
Thiamethoxam	0.05400	<LOQ	PASS
Trifloxystrobin	0.10200	<LOQ	PASS

Continued...

Analytes and Results: Cannabis Testing/ Mycotoxins PASS *Continued...*

Analyte Name	LOQ (ppm)	Amount (ppm)	Status
Acetamiprid	0.13000	<LOQ	PASS
Azoxystrobin	0.13200	<LOQ	PASS
Dichlorvos	0.13200	<LOQ	PASS
Etoxazole	0.09000	<LOQ	PASS
Fludioxonil	0.13000	<LOQ	PASS
Thiacloprid	0.13600	<LOQ	PASS

Analysis Date: **04/15/2024**

Analysis Time: **16:17**

Notes/Comments:

Test Information: Cannabis Testing/ PGRs and Pesticides

Test Method	Test ID	Type	Group	Code
SOP LEXA003	PGRP_609	Cannabis Testing_PGRs and Pesticides	Cannabis Testing	PGRs and Pesticides

Analytes and Results: Cannabis Testing/ PGRs and Pesticides PASS

Analyte Name	LOQ (ppm)	Amount (ppm)	Status
IBA	0.0708	<LOQ	PASS
Azadirachtin	0.0674	<LOQ	PASS
Piperonyl Butoxide (PBO)	0.0488	<LOQ	PASS
Cyfluthrin	0.035	<LOQ	PASS
Chlordane	0.036	<LOQ	PASS
Chlorfenapyr	0.101	<LOQ	PASS

Analysis Date: **04/16/2024**

Analysis Time: **14:46**

Notes/Comments:

Test Information: Cannabis Testing/ Natural Pyrethrins

Test Method	Test ID	Type	Group	Code
SOP LEXA004	NPy_611	Cannabis Testing_Natural Pyrethrins	Cannabis Testing	Natural Pyrethrins

Analytes and Results: Cannabis Testing/ Natural Pyrethrins PASS

Analyte Name	LOQ (ppm)	Amount (ppm)	Status
Pyrethrin I	0.000318	<LOQ	PASS
Jasmolin I	0.0000610	<LOQ	PASS

Continued...

Analytes and Results: Cannabis Testing/ Natural Pyrethrins PASS *Continued...*

Analyte Name	LOQ (ppm)	Amount (ppm)	Status
Cinerin I	0.000067	<LOQ	PASS
Pyrethrin II	0.0061	<LOQ	PASS
Jasmolin II	0.00087	<LOQ	PASS
Cinerin II	0.00141	<LOQ	PASS
Captan	0.047	<LOQ	PASS
Methyl parathion	0.037	<LOQ	PASS
Pentachloronitrobenzene	0.043	<LOQ	PASS

Sample Testing Status: **Under Testing**

Sample Testing Completion Date: **04/16/2024**

Analysis Date: **04/16/2024**

Analysis Time: **08:14**

Notes/Comments:

Test Information: Cannabis Testing/ Microbials QLT

Test Method	Test ID	Type	Group	Code
SOP LEXA044	MQL_607	Cannabis Testing_Microbials QLT	Cannabis Testing	Microbials QLT

Analytes and Results: Cannabis Testing/ Microbials QLT PASS

Analyte Name	Result	Status
STEC	Negative	PASS
Salmonella spp.	Negative	PASS

Analysis Date: **04/12/2024**

Analysis Time: **14:15**

Notes/Comments:

Test Information: Cannabis Testing/ Microbials QNT

Test Method	Test ID	Type	Group	Code
SOP LEXA006, LEXA008 and LEXA044	MQNT_607	Cannabis Testing_Microbials QNT	Cannabis Testing	Microbials QNT

Analytes and Results: Cannabis Testing/ Microbials QNT PASS

Analyte Name	Result	CFU/g	Ct Value	Status
Total Viable Aerobic Bacteria Count	Not Detected	<100	N/A	PASS
Total Yeast and Mold Count	Not Detected	<100	N/A	PASS
STEC	Not Detected	<1	N/A	PASS
Salmonella spp.	Not Detected	<1	N/A	PASS

Analysis Date: 04/17/2024

Analysis Time: 13:40

Notes/Comments: If mold group is detected, further testing to identify the particular Aspergillus species is done below. If not detected further testing is N/A.

Test Information: Cannabis Testing/ Residual Solvents

Test Method	Test ID	Type	Group	Code
SOP LEXA045	RES_111	Cannabis Testing_Residual Solvents	Cannabis Testing	Residual Solvents

Analytes and Results: Cannabis Testing/ Residual Solvents

Analyte Name	LLOQ (ppm)	Amount (ppm)	Status
Acetone	62.5	<LOQ	Pass
Acetonitrile	62.5	<LOQ	Pass
Total Butane	62.5	<LOQ	Pass
Ethanol	62.5	<LOQ	Pass
Ethyl acetate	62.5	<LOQ	Pass
Diethyl ether	62.5	<LOQ	Pass
n-Heptane	62.5	<LOQ	Pass
2-Propanol	62.5	<LOQ	Pass
Methanol	62.5	<LOQ	Pass
Total Hexane	62.5	<LOQ	Pass
Total Pentane	62.5	<LOQ	Pass
DMSO	62.5	<LOQ	Pass
Trichloroethane	62.5	<LOQ	Pass
Propane	62.5	<LOQ	Pass
Toluene	62.5	<LOQ	Pass
Total Xylenes	62.5	<LOQ	Pass
Isobutane	62.5	<LOQ	Pass
1,2-Dichloroethane	0.156	<LOQ	PASS
Benzene	0.156	<LOQ	Pass
Chloroform	0.156	<LOQ	Pass
Methylene chloride	0.156	<LOQ	Pass

Analysis Date:

Analysis Time:

Notes/Comments:

Test Information: Cannabis Testing/ Aspergillus Spec

Test Method	Test ID	Type	Group	Code
SOP LEXA012 and SOP LEXA017	MAS_607	Cannabis Testing_Aspergillus Spec	Cannabis Testing	Aspergillus Spec

Continued...

Analytes and Results: Cannabis Testing/ Aspergillus Spec PASS

Analyte Name	Result	CFU/g	Ct Value	Status
Aspergillus flavus	N/A	N/A	N/A	N/A
Aspergillus fumigatus	N/A	N/A	N/A	N/A
Aspergillus niger	N/A	N/A	N/A	N/A
Aspergillus terreus	N/A	N/A	N/A	N/A

Analysis Date: 04/15/2024

Analysis Time: 18:28

Notes/Comments:

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

Test Information: Cannabis Testing/ Terpenes

Test Method	Test ID	Type	Group	Code
SOP LEXA046	TER_111	Cannabis Testing_Terpenes	Cannabis Testing	Terpenes

Analytes and Results: Cannabis Testing/ Terpenes PASS

Analyte Name	LOQ (ppm)	Weight (%)
beta-Pinene	15.8	N/A
Camphene	15.9	N/A
alpha-Pinene	13.2	N/A
3-Carene	17.1	N/A
alpha-Terpinene	17.1	N/A
(R)-(+)-Limonene	11.3	N/A
gamma-Terpinene	19	N/A
L-(-)-Fenchone	17.9	N/A
Fenchol	19.1	N/A
(1R)-(+)-Camphor	15.3	N/A
Isoborneol	16.8	N/A
Menthol	20	N/A
Citronellol	19.2	N/A
(+)-Pulegone	18.4	N/A
Geranyl acetate	18.3	N/A
alpha-Cedrene	12.4	N/A
alpha-Humulene	18.1	N/A
Nerolidol	16.5	N/A
(+)-Cedrol	16.4	N/A
(-)-alpha Bisabolol	18.7	N/A
beta-Caryophyllene	18.2	N/A
Phytol	23	N/A
Limonene	18.8	N/A
Geraniol	14	N/A
(1S)-(-)-Camphor	18.8	N/A

Continued...

Analytes and Results: Cannabis Testing/ Terpenes PASS *Continued...*

Analyte Name	LOQ (ppm)	Weight (%)
Terpinolene	15	N/A
beta-Eudesmol	19.6	N/A
(+)-Borneol	20	N/A
cis-Nerolidol	14.9	N/A
(-)-alpha-Terpineol	18.3	N/A
(1S)-(+)-3-Carene	17.6	N/A
Linalool	17.9	N/A
P-Cymene	16.1	N/A
B-Myrcene	14.7	N/A
Ocimene	17.2	N/A
Caryophyllene-oxide	18.4	N/A
Guaiol	21.4	N/A
Valencene	18.7	N/A
Alpha-phellandrene	19.6	N/A
Farnesene	20.4	N/A
Total Terpenes	N/A	N/A

Analysis Date: **04/17/2024**

Analysis Time: **09:32**

Disclaimer

All tests are conducted by Lexachrom Analytical Laboratory and the methods and results used conform to NYS OCM regulations and ISO/IEC 17025 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
Report Date:
04/19/2024

Risikat Oladimeji
Technical Director of Microbiology/QA Manager
Report Date:
04/19/2024