LEXACHROM
analytical laboratory

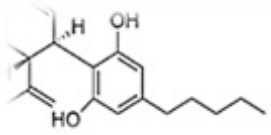
Lexachrom Analytical Laboratory
30 S Ocean Ave Ste 203
Freeport NY 11520
(516) 415-7535 alex@lexachrom.com
OCM License: OCM-CPL-00002

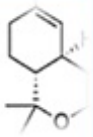
CERTIFICATE OF ANALYSIS SUMMARY SHEET

Sample Information

BATCH ID:	BRD-BB-1G-090624
SAMPLE TYPE:	Concentrates
PRODUCT TYPE:	Adult-Use
ANALYSIS TYPE:	Compliance
BATCH SIZE:	1189.0

Potency



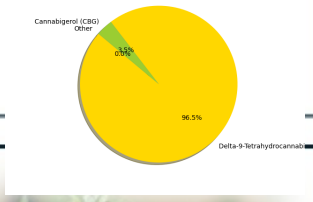


Total THC

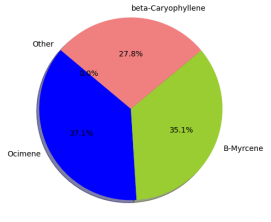
88.10%

Cannabinoid Profile:

NA



Terpene Profile



Pesticides

PASS

Metals

PASS

Microbiology

TAMC	Salmonella	STEC
PASS	PASS	PASS
TYMC	Aspergillus (flavus, terreus, fumigatus, niger)	
PASS	PASS	

Water Activity

PASS

Filth & Foreign Material

PASS

Residual Solvents

PASS

NEW YORK STATE | Office of Cannabis Management

License: OCM-CPL-00002

PJLA Testing

CERTIFIED ISO/IEC 17025:2017 COMPANY

ilac-MRA

Lexachrom Analytical Laboratory- NYS OCM Permit #OCM-CPL-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_22	**First Name:**	David	**Last Name:**	Sholes	**Facility Name:**	Hauppauge
Entry Date:	2021-01-01 00:00:00	**License Number:**	OCM-PROC-24-000047	**Email:**	David@Libertyleaf-Ny.Com	**Phone No.:**	(424) 303-8027
Address:	415 Oser Ave	**Country:**	United States				

Sample Information

Batch Size:	1189.0	**Sample ID [External]:**	Pool BRD-BB-1G-090624	**Sample Type:**	Concentrates
Batch ID:	BRD-BB-1G-090624	**Analysis Type:**	Compliance	**Product Type:**	Adult-Use
Collection Date:	2024-09-12 00:00:00	**Collection Time:**	19:32:00	**Collection Site:**	Hauppauge

Test Information: Chemistry/ HPLC Potency

Test Method	Type	Group	Code
SOP LEXA001	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	< 0.52%
Cannabidiol (CBD)	0.608	<LOQ	< 0.36%
Cannabidiolic Acid (CBDA)	0.713	<LOQ	< 0.93%
Cannabidivarin (CBDV)	0.691	<LOQ	< 0.72%
Cannabigerol (CBG)	0.634	0.33	3.18%
Cannabigerolic Acid (CBGA)	0.704	<LOQ	< 0.55%
Cannabinol (CBN)	0.637	<LOQ	< 0.57%
Delta-9-Tetrahydrocannabinol (D9-THC)	0.660	8.82	91.07%
Delta-8-Tetrahydrocannabinol (D8-THC)	0.712	<LOQ	< 0.86%
(6aR, 9S)Delta-10-Tetrahydrocannabinol (9SD10-THC)	0.557	<LOQ	< 0.45%
(6aR, 9R)Delta-10-Tetrahydrocannabinol (9RD10-THC)	0.612	<LOQ	< 0.76%
Tetrahydrocannabinolic Acid (THCA)	0.795	<LOQ	< 0.64%
Tetrahydrocannabivarin (THCV)	0.681	<LOQ	< 0.8%
Total Tetrahydrocannabinol (Total-THC)		9.07	88.10%
Total Cannabidiol (Total-CBD)		<LOQ	< 0.8%

Sample Testing Result: Pass

Analysis Date: 2024-09-17 00:00:00

Analysis Time: 10:20:00

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 PASS

Analyte Name	Amount
Moisture Content (%)	**NA**
Adjusted Dry Mass Of Dose (Mg)	**10.0**

Analysis Date: None

Analysis Time: None

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 PASS

Analyte Name	aW
Water Activity	**NA**

Analysis Date: None

Analysis Time: None

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

Test Information: Cannabis Testing/ Filth & Foreign Material

Test Method
SOP LEXA043

Analytes and Results: Cannabis Testing/ Filth & Foreign Material PASS

Analyte Name	Amount
Mammalian Excreta (Mg)	**NA**
Foreign Material (%)	**NA**

Analysis Date: None

Analysis Time: None

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	Type	Group	Code
SOP LEXA005	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	1.118	Pass
Copper	0.0008	<LOQ	Pass
Lead	0.0005	0.105	Pass
Mercury	0.0002	<LOQ	Pass
Nickel	0.0008	0.07	Pass

Analysis Date: 2024-09-16 00:00:00

Analysis Time: 13:28:00

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	Type	Group	Code
SOP LEXA002	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...

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...

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: 2024-09-17 00:00:00

Analysis Time: 20:20:00

Notes/Comments:

Test Information: Cannabis Testing/ PGRs and Pesticides

Test Method	Type	Group	Code
SOP LEXA003	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: 2024-09-18 00:00:00

Analysis Time: 18:58:00

Notes/Comments:

Test Information: Cannabis Testing/ Natural Pyrethrins

Test Method	Type	Group	Code
SOP LEXA004	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...

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

Analysis Date: 2024-09-18 00:00:00
Analysis Time: 10:16:00

Notes/Comments:

Test Information: Cannabis Testing/ Microbials QLT

Test Method	Type	Group	Code
SOP LEXA044	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: 2024-09-13 00:00:00

Analysis Time: 15:13:00

Notes/Comments:

Test Information: Cannabis Testing/ Microbials QNT

Test Method	Type	Group	Code
SOP LEXA006, LEXA008 And LEXA044	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	LT10	N/A	Pass
Total Yeast And Mold Count	Not Detected	LT10	N/A	Pass
STEC	Negative	N/A	N/A	Pass
Salmonella Spp.	Negative	N/A	N/A	Pass

Analysis Date: 2024-09-18 00:00:00

Analysis Time: 07:50:00

Notes/Comments: I

Test Information: Cannabis Testing/ Residual Solvents

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

Analytes and Results: Cannabis Testing/ Residual Solvents

PASS

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: 2024-09-18 00:00:00

Analysis Time: 07:28:00

Notes/Comments:

Test Information: Cannabis Testing/ Aspergillus Specific

Test Method	Type	Group	Code
SOP LEXA012 And SOP LEXA017	Cannabis Testing_Aspergillus Spec	Cannabis Testing	Aspergillus Spec

Continued...

Analytes and Results: Cannabis Testing/ Aspergillus Specific

PASS

Analyte Name	Result	CFU/g	Ct Value	Status
Aspergillus Flavus	Negative	N/A	N/A	Pass
Aspergillus Fumigatus	Negative	N/A	N/A	Pass
Aspergillus Niger	Negative	N/A	N/A	Pass
Aspergillus Terreus	Negative	N/A	N/A	Pass

Analysis Date: 2024-09-18 00:00:00

Analysis Time: 15:31:00

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	Type	Group	Code
SOP LEXA046	Cannabis Testing_Terpenes	Cannabis Testing	Terpenes

Analytes and Results: Cannabis Testing/ Terpenes

PASS

Analyte Name	LOQ (ppm)	Weight (%)
Beta-Pinene	15.8	< 3.036
Camphene	15.9	< 2.417
Alpha-Pinene	13.2	< 2.584
3-Carene	17.1	< 2.582
Alpha-Terpinene	17.1	< 2.771
(R)-(+)-Limonene	11.3	< 1.707
Gamma-Terpinene	19	< 2.875
L-(-)-Fenchone	17.9	< 2.717
Fenchol	19.1	< 2.899
(1R)-(+)-Camphor	15.3	< 2.317
Isoborneol	16.8	< 2.544
Menthol	20	< 3.041
Citronellol	19.2	< 2.905
(+)-Pulegone	18.4	< 2.789
Geranyl Acetate	18.3	< 2.774
Alpha-Cedrene	12.4	< 1.882
Alpha-Humulene	18.1	< 2.755
Nerolidol	16.5	< 2.502
(+)-Cedrol	16.4	< 2.501
(-)-Alpha Bisabolol	18.7	< 2.841
Beta-Caryophyllene	18.2	0.549
Phytol	23	< 3.477
Limonene	18.8	< 1.707
Geraniol	14	< 2.132
(1S)-(-)-Camphor	18.8	< 2.852

Continued...

Analyte Name	LOQ (ppm)	Weight (%)
Terpinolene	15	< 2.271
Beta-Eudesmol	19.6	0.302
(+)-Borneol	20	< 2.388
Cis-Nerolidol	14.9	< 2.27
(-)-Alpha-Terpineol	18.3	< 2.005
(1S)-(+)-3-Carene	17.6	< 2.666
Linalool	17.9	< 2.72
P-Cymene	16.1	< 2.434
B-Myrcene	14.7	< 2.963
Ocimene	17.2	0.127
Caryophyllene-Oxide	18.4	< 2.794
Guaiol	21.4	< 3.248
Valencene	18.7	< 2.826
Alpha-Phellandrene	19.6	< 2.963
Farnesene	20.4	< 3.08
Total Terpenes	N/A	1.74

Analysis Date: 2024-09-18 00:00:00

Analysis Time: 11:23:00

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:
2024-09-20 00:00:00

Risikat Oladimeji
Technical Director of Microbiology/QA Manager
Report Date:
2024-09-20 00:00:00