

Certificate Of Analysis

Results Summary

Cannabinoids Profile

Terpenes

Trace Metals PASS

Mycotoxins PASS

Pesticides LC PASS

Pesticides GC PASS

Residual Solvents PASS

Microbial Impurities (MDG for
STEC, Salmonella, Asp sp.) PASS

Microbial Impurities (Total
Aerobic Bacteria/CDP-TC) PASS

Microbial Impurities (Total
Yeast and Mold/CDP-YMR) PASS

Client Name: Mill Lane Chemist

Contact Name: Craig Sheikowitz

Address: 6309 Mill Lane
Brooklyn, NY 11234

Phone: 718-444-4749

License Number: OCM-AUCP-22-000037

Sample Description: CBD FS 100mg Supp

Lot Number: 12212023@11

Regulatory Category: Adult Use

Sample Matrix: Extracted

Delivery Method: Parenteral

Sample Type: Edible

Sample Subtype: suppository

Sampling Site: N/A

Sampling Date and Time: 01/05/2024 01:05 PM

Certificate Of Analysis

Cannabinoids Profile

Date analyzed: 01/26/2024

Method: NY.SOP.T.40.260

Analyst: Destiny Ribadeneyra

Date started: 01/17/2024 10:16 AM

Analyte	Result (%w/w)	LOQ (µg/mL)	Result (mg/g)
Δ8-THC†	<LOQ	0.6	<LOQ
Δ9-THC†	<LOQ	0.66	<LOQ
Δ10-THC-RS†	<LOQ	0.6	<LOQ
Δ10-THC-RR†	<LOQ	0.6	<LOQ
Tetrahydrocannabinolic acid (THCA)†	<LOQ	0.6	<LOQ
Tetrahydrocannabivarin (THCV)	<LOQ	0.6	<LOQ
Cannabidiol (CBD)*	7.21	0.6	100.23
Cannabinadiolic acid (CBDA)*	<LOQ	0.6	<LOQ
Cannabidivarin (CBDV)	<LOQ	0.6	<LOQ
Cannabinol (CBN)	<LOQ	0.6	<LOQ
Cannabigerol (CBG)	<LOQ	0.6	<LOQ
Cannabigerolic acid (CBGA)	<LOQ	0.6	<LOQ
Cannabichromene (CBC)	<LOQ	0.6	<LOQ
†Total Tetrahydrocannabinol (THC)	0	-	0
*Total Cannabidiol (CBD)	7.21	-	100.23
Total Cannabinoids	7.21	-	100.23

Analyzed by HPLC

V125.44

Certificate Of Analysis

Terpenes

Date analyzed: 01/25/2024

Method: NY.SOP.T.40.090

Analyst: Stephanie Knapp

Date started: 01/18/2024 04:38 PM

Analyte	Result (%w/w)	LOQ
3-Carene	<LOQ	0.02
alpha-Bisabolol	<LOQ	0.02
alpha-Humulene	<LOQ	0.03
alpha-Phellandrene	<LOQ	0.03
alpha-Pinene	<LOQ	0.02
alpha-Terpinene	<LOQ	0.01
alpha-Terpineol	<LOQ	0.02
beta-Myrcene	<LOQ	0.03
beta-Pinene	<LOQ	0.03
Borneol	<LOQ	0.02
Camphene	<LOQ	0.02
Camphor	<LOQ	0.02
Caryophyllene oxide	<LOQ	0.03
Cedrene	<LOQ	0.02
Cedrol	<LOQ	0.03
cis-Nerolidol	<LOQ	0.03
cis-Ocimene	<LOQ	0.03
Eucalyptol	<LOQ	0.04
Farnesene	<LOQ	0.04
Fenchol	<LOQ	0.02
Fenchone	<LOQ	0.03
gamma-Terpinene	<LOQ	0.02
gamma-Terpineol	<LOQ	0.02
Geraniol	<LOQ	0.02
Geranyl Acetate	<LOQ	0.03

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Guaiol	<LOQ	0.03
Isoborneol	<LOQ	0.02
Isopulegol	<LOQ	0.03
Limonene	<LOQ	0.04
Linalool	<LOQ	0.02
Menthol	<LOQ	0.02
Nerol	<LOQ	0.03
Pulegone	<LOQ	0.03
Sabinene	<LOQ	0.02
Sabinene Hydrate	<LOQ	0.02
Terpinolene	<LOQ	0.02
trans-b-Ocimene	<LOQ	0.02
trans-Caryophyllene	<LOQ	0.03
trans-Nerolidol	<LOQ	0.04
Valencene	<LOQ	0.03
TOTAL	0	

Analyzed by GCMS

V151.7

Certificate Of Analysis

Trace Metals

PASS

Date analyzed: 01/23/2024

Method: NY.SOP.T.40.050

Analyst: Alicia Caruso-Thomas

Date started: 01/18/2024 02:11 PM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Antimony (Sb)	<LOQ	0.13	120	PASS
Arsenic (As)	<LOQ	0.07	1.5	PASS
Cadmium (Cd)	<LOQ	0.06	0.5	PASS
Chromium (Cr)	<LOQ	0.36	1100	PASS
Copper (Cu)	<LOQ	0.39	300	PASS
Lead (Pb)	<LOQ	0.08	0.5	PASS
Mercury (Hg)	<LOQ	0.01	3	PASS
Nickel (Ni)	<LOQ	0.11	20	PASS
Overall Status				PASS

Analyzed by ICP-MS

V114.36

Certificate Of Analysis

Mycotoxins

PASS

Date analyzed: 01/22/2024

Method: NY.SOP.T.40.180

Analyst: Destiny Ribadeneyra

Date started: 01/18/2024 11:22 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Aflatoxin B1	<LOQ	0.001	0.02	PASS
Aflatoxin B2	<LOQ	0.002	0.02	PASS
Aflatoxin G1	<LOQ	0.001	0.02	PASS
Aflatoxin G2	<LOQ	0.002	0.02	PASS
Sum of Aflatoxins	0	-	0.02	PASS
Ochratoxin A	<LOQ	0.002	0.02	PASS
Overall Status				PASS

Analysis Instrument 30 LC-MS TQ

V141.3

Certificate Of Analysis

Pesticides LC

PASS

Date analyzed: 01/26/2024

Method: NY.SOP.T.040.270

Analyst: Destiny Ribadeneyra

Date started: 01/22/2024 11:11 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
Abamectin	<LOQ	0.02	0.5	PASS
Acephate	<LOQ	0.01	0.4	PASS
Acequinocyl	<LOQ	0.02	2	PASS
Acetamiprid	<LOQ	0.01	0.2	PASS
Aldicarb	<LOQ	0.01	0.4	PASS
Azadirachtin	<LOQ	0.02	1	PASS
Azoxystrobin	<LOQ	0.01	0.2	PASS
Bifenazate	<LOQ	0.01	0.2	PASS
Bifenthrin	<LOQ	0	0.2	PASS
Boscalid	<LOQ	0.01	0.4	PASS
Carbaryl	<LOQ	0.01	0.2	PASS
Carbofuran	<LOQ	0.01	0.2	PASS
Chlorantraniliprole	<LOQ	0.01	0.2	PASS
Chlormequat chloride	<LOQ	0.02	1	PASS
Chlorpyrifos	<LOQ	0.01	0.2	PASS
Clofentezine	<LOQ	0.01	0.2	PASS
Daminozide	<LOQ	0	1	PASS
Diazinon	<LOQ	0.01	0.2	PASS
Dichlorvos	<LOQ	0.01	1	PASS
Dimethoate	<LOQ	0.01	0.2	PASS
Dimethomorph	<LOQ	0.01	1	PASS
Ethoprophos	<LOQ	0.01	0.2	PASS
Etofenprox	<LOQ	0	0.4	PASS
Etoxazole	<LOQ	0.01	0.2	PASS
Fenhexamid	<LOQ	0.01	1	PASS

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Fenoxycarb	<LOQ	0.01	0.2	PASS
Fenpyroximate	<LOQ	0	0.4	PASS
Flonicamid	<LOQ	0.01	1	PASS
Fludioxonil	<LOQ	0.02	0.4	PASS
Hexythiazox	<LOQ	0	1	PASS
Imidacloprid	<LOQ	0.01	0.4	PASS
Indole-3-butyric acid	<LOQ	0.01	1	PASS
Kresoxim methyl	<LOQ	0.01	0.4	PASS
Malathion	<LOQ	0.01	0.2	PASS
Metalaxyl	<LOQ	0.01	0.2	PASS
Methiocarb	<LOQ	0	0.2	PASS
Methomyl	<LOQ	0.01	0.4	PASS
Mevinphos	<LOQ	0.02	1	PASS
MGK-264	<LOQ	0.01	0.2	PASS
Myclobutanil	<LOQ	0.01	0.2	PASS
Naled	<LOQ	0	0.5	PASS
Oxamyl	<LOQ	0.01	1	PASS
Paclobutrazol	<LOQ	0.01	0.4	PASS
Permethrins, Total	<LOQ	0.01	0.2	PASS
Phosmet	<LOQ	0.01	0.2	PASS
Piperonyl Butoxide	<LOQ	0.01	2	PASS
Prallethrin	<LOQ	0.01	0.2	PASS
Propiconazole	<LOQ	0.01	0.4	PASS
Propoxur	<LOQ	0.01	0.2	PASS
Pyrethrins	<LOQ	0.01	1	PASS
Pyridaben	<LOQ	0.01	0.2	PASS
Spinetoram, Total	<LOQ	0	1	PASS
Spinosad, Total	<LOQ	0.01	0.2	PASS
Spiromesifen	<LOQ	0.01	0.2	PASS
Spirotetramat	<LOQ	0.01	0.2	PASS
Spiroxamine	<LOQ	0	0.2	PASS

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Tebuconazole	<LOQ	0.01	0.4	PASS
Thiacloprid	<LOQ	0.01	0.2	PASS
Thiamethoxam	<LOQ	0.01	0.2	PASS
Overall Status				PASS

Analysis Instrument 30 Agilent LS-MS TQ

V144.9

Pesticides GC

PASS

Date analyzed: 01/25/2024

Method: NYS.SOP.T.040.271

Analyst: Stephanie Knapp

Date started: 01/22/2024 11:10 AM

Analyte	Result (µg/g)	LOQ (µg/g)	Allowable Limit	Pass/Fail
Captan	<LOQ	0.3	1	PASS
Chlordane	<LOQ	0.07	1	PASS
Chlorfenapyr	<LOQ	0.1	1	PASS
Coumaphos	<LOQ	0.19	1	PASS
Cyfluthrin	<LOQ	0.11	1	PASS
Cypermethrin	<LOQ	0.24	1	PASS
Fipronil	<LOQ	0.17	0.4	PASS
Imazalil	<LOQ	0.17	0.2	PASS
Methyl parathion	<LOQ	0.09	0.2	PASS
Pentachloronitrobenzene	<LOQ	0.17	1	PASS
Trifloxystrobin	<LOQ	0.11	0.2	PASS
Overall Status				PASS

Analysis Instrument 141 GC/TQ

V177.7

Certificate Of Analysis

Residual Solvents

PASS

Date analyzed: 01/23/2024

Method: NYS.SOP.T.040.272

Analyst: Stephanie Knapp

Date started: 01/17/2024 10:31 AM

Analyte	Result (µg/g)	LOQ	Allowable Limit	Pass/Fail
1,2-Dichloroethane (Ethylene dichloride, Ethylene chloride)	<LOQ	0.67	5	PASS
2-Propanol (Isopropanol, Isopropyl alcohol)	<LOQ	21.68	5000	PASS
Acetone (2-Propanone)	<LOQ	15.9	5000	PASS
Acetonitrile	<LOQ	0.85	410	PASS
Benzene	<LOQ	0.71	2	PASS
Butanes, Total	<LOQ	0.35	5000	PASS
Chloroform	<LOQ	0.54	60	PASS
Dichloromethane (Methylene chloride)	<LOQ	1.07	600	PASS
Dimethyl sulfoxide (DMSO)	<LOQ	0.66	5000	PASS
Ethanol (Ethyl alcohol)	<LOQ	10.02	5000	PASS
Ethyl acetate (Acetic acid ethyl ester)	<LOQ	18.45	5000	PASS
Ethyl ether (Diethyl ether, 1,1'-Oxybisethane)	<LOQ	0.44	5000	PASS
Heptane (n-Heptane)	<LOQ	0.36	5000	PASS
Hexanes, Total	<LOQ	0.39	290	PASS
Methanol (Methyl alcohol)	<LOQ	2.47	3000	PASS
Pentanes, Total	<LOQ	0.37	5000	PASS
Propane	<LOQ	0.53	5000	PASS
Toluene (Methylbenzene)	<LOQ	2.34	890	PASS
Trichloroethane (1,1,1-)	<LOQ	0.41	1500	PASS
Xylenes, Total (ortho-, meta-, para-)	<LOQ	2.65	2170	PASS
Overall Status				PASS

Analyzed by GCMS

V148.10

Certificate Of Analysis

Microbial Impurities (MDG for STEC, Salmonella, Asp sp.)

PASS

Date analyzed: 01/19/2024

Method: NYS.SOP.T.40.273

Analyst: Kristy Lee

Date started: 01/17/2024 03:35 PM

Microbial Species	Microbial Type	Detection Status	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacteria	Not Detected	PASS
Salmonella species	Bacteria	Not Detected	PASS
Aspergillus flavus	Fungal	Not Detected	PASS
Aspergillus niger	Fungal	Not Detected	PASS
Aspergillus terreus	Fungal	Not Detected	PASS
Aspergillus fumigatus	Fungal	Not Detected	PASS
Overall Status			PASS
Analysis Instrument		125 Agilent AriaMx Real-time PCR System	

V182.2

Microbial Impurities (Total Aerobic Bacteria/CDP-TC)

PASS

Date analyzed: 01/19/2024

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 01/17/2024 03:34 PM

Result (CFU/g)	LOQ	Allowable Limit	Pass/Fail
<LOQ	5	10000	PASS
Analysis Instrument		87 Colony Counter	

V149.7

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Microbial Impurities (Total Yeast and Mold/CDP-YMR)

PASS

Date analyzed: 01/22/2024

Method: NYS.SOP.T.040.200

Analyst: Kristy Lee

Date started: 01/17/2024 03:34 PM

Microbial Species	Result (cfu/g)	LOQ	Allowable Limit	Pass/Fail
Mold Count	<LOQ	5	1000	PASS
Yeast Count	<LOQ	5	1000	PASS
Total Yeast and Mold	<LOQ		1000	PASS
			Overall Status	PASS

Analysis Instrument

87 Colony Counter

V150.9

Sample Comment: Amended the sample/dose unit to be 1 unit from 1.179 grams. Cannabinoids result updated.



Kyle Rappaport
Quality Director
01/30/2024