



Bo - c/o Mill Lane Chemist
 Address: 6309 Mill Lane, Brooklyn, NY 11234
 Contact Name: Bo -
 Contact Phone:
 License #: OCM-PROC-24-000034
 Sample ID: 5674

Certificate: 5674.1

Average Cannabinoid Profile

Pass

Sample Analysis

Date: 08/05/2024 01:47 PM SOP: NY.SOPT.40.260
 Analyzed By: HPLC Sample Weight: N/A
 Analyst: Stephanie Knapp

Analyte	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity [†]
Total Tetrahydrocannabinol (THC)	-	23.4	234	
Tetrahydrocannabinolic acid (THCA)	0.500	24.9	249	
Δ8-THC	0.500	<LOQ	<LOQ	
Δ9-THC	0.500	1.54	15.4	
Δ10-THC-RS	0.500	<LOQ	<LOQ	
Δ10-THC-RR	0.500	0.111	1.11	
Total Cannabidiol (CBD)	-	0.0718	0.718	
Cannabinadiolic acid (CBDA)	0.500	0.0819	0.819	
Cannabidiol (CBD)	0.500	<LOQ	<LOQ	
Total Active Tetrahydrocannabivarin (THCV)	-	0.164	1.64	
Tetrahydrocannabivarinic acid (THCVA)*	0.500	0.189	1.89	
Tetrahydrocannabivarin (THCV)	0.500	<LOQ	<LOQ	
Total Active Cannabigerol (CBG)	-	0.522	5.22	
Cannabigerolic acid (CBGA)	0.500	0.445	4.45	
Cannabigerol (CBG)	0.500	0.132	1.32	
Cannabidivarin (CBDV)	0.500	<LOQ	<LOQ	
Cannabinol (CBN)	0.500	<LOQ	<LOQ	
Cannabichromene (CBC)	0.500	0.0200	0.200	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity [†]
Total Cannabinoids	24.2	242	

* Analyte is not included in ISO 17025 scope of accreditation

† Concentration of individual samples must be ±25% of the mean concentration

Total Active CBD = CBD + (0.877 x CBDA); Total Active CBG = CBG + (0.878 x CBGA);

Total Active THC = (Δ9THC + Δ8THC + Δ10THC-RS + Δ10THC-RR) + (0.877 x THCA);

Total Active THCV = THCV + (0.867 x THCVA);

Serving Weight: 1g

Alicia Caruso-Thomas

08/07/2024

Alicia Caruso-Thomas

Laboratory Director

Phyto-Farma Labs

49 John Hicks Drive

Warwick, NY 10990

(845) 988-0937



Accreditation #: 121747



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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5674.1

Terpene Total

Tested (1.330%)

Sample Analysis

Date: 08/06/2024 11:03 AM

SOP: NY.SOPT.40.090

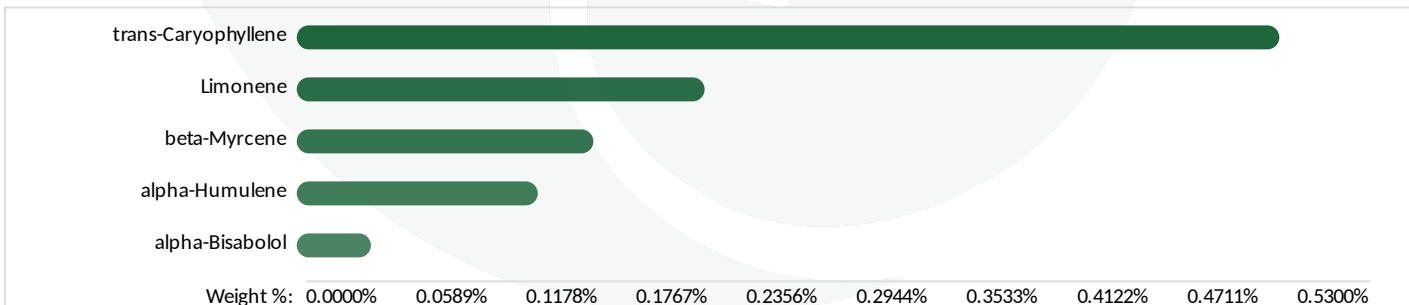
Sample Weight: 0.203 g

Analyzed By: GC-MS

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Results (%)	Analyte	LOQ (%)	Results (%)
3-Carene	0.0004200	<LOQ	gamma-Terpinene	0.0004400	<LOQ
alpha-Bisabolol	0.0005000	0.04000	gamma-Terpineol	0.0003000	<LOQ
alpha-Humulene	0.0005600	0.1300	Geraniol	0.0004800	<LOQ
alpha-Phellandrene	0.0006600	<LOQ	Geranyl acetate	0.0006200	<LOQ
alpha-Pinene	0.0004800	0.03000	Guaiol	0.0006000	<LOQ
alpha-Terpinene	0.0002600	<LOQ	Isoborneol	0.0003400	0.01000
alpha-Terpineol	0.0003400	0.03000	Isopulegol	0.0006600	<LOQ
beta-Myrcene	0.0006400	0.1600	Limonene	0.0007400	0.2200
beta-Pinene	0.0006600	0.03000	Linalool	0.0004600	<LOQ
Borneol	0.0004600	0.01000	Menthol	0.0004600	<LOQ
Camphene	0.0004400	<LOQ	Nerol	0.0005000	<LOQ
Camphor	0.0004000	<LOQ	Pulegone (+)	0.0005600	<LOQ
Caryophyllene oxide	0.0005800	<LOQ	Sabinene	0.0003400	0.03000
Cedrene	0.0004400	<LOQ	Sabinene Hydrate	0.0004200	<LOQ
Cedrol	0.0005600	<LOQ	Terpinolene	0.0005000	<LOQ
cis-Nerolidol	0.0006800	0.01000	trans-b-Ocimene	0.0004200	0.01000
cis-Ocimene	0.0005200	<LOQ	trans-Caryophyllene	0.0006600	0.5300
Eucalyptol	0.0007200	<LOQ	trans-Nerolidol	0.0007200	0.03000
Farnesene	0.0008400	0.02000	Valencene	0.0005600	0.01000
Fenchone	0.0005000	<LOQ			

Terpene Totals	%	Pass/Fail
Total Terpenes	1.330	N/A



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08/07/2024
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Trace Metals

Pass

Sample Analysis

Date: 08/06/2024 10:12 AM SOP: NY.SOPT.40.050
 Analyzed By: ICP-MS Sample Weight: 0.1231 g
 Analyst: Moni Kaneti

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Antimony (Sb)*	0.130	2.00	<LOQ	PASS
Arsenic (As)*	0.0700	0.200	<LOQ	PASS
Cadmium (Cd)*	0.0600	0.300	<LOQ	PASS
Chromium (Cr)*	0.360	110	<LOQ	PASS
Copper (Cu)*	0.390	30.0	6.12	PASS
Lead (Pb)*	0.0800	0.500	<LOQ	PASS
Mercury (Hg)*	0.0100	0.100	<LOQ	PASS
Nickel (Ni)*	0.110	5.00	<LOQ	PASS

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Mycotoxin Analysis

Pass

Sample Analysis

Date: 08/07/2024 11:44 AM SOP: NY.SOPT.40.180
 Analyzed By: LC-MS/MS Sample Weight: 0.1 g
 Analyst: Destiny Ribadeneyra

Analyte	LOQ (µg/g)	Action Limit (µg/g)	Results (µg/g)	Pass/Fail
Sum of Aflatoxins	-	0.020	0	PASS
Aflatoxin B1	0.0010	0.020	<LOQ	PASS
Aflatoxin B2	0.0020	0.020	<LOQ	PASS
Aflatoxin G1	0.0010	0.020	<LOQ	PASS
Aflatoxin G2	0.0020	0.020	<LOQ	PASS
Ochratoxin A	0.0020	0.020	<LOQ	PASS

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Pesticides LC

Pass

Sample Analysis

Date: 08/07/2024 11:52 AM

SOP: NY.SOPT.040.270

Analyzed By: LC-MS/MS

Sample Weight: 1 g

Analyst: Destiny Ribadeneyra

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail	Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Abamectin*	0.0180	0.500	<LOQ	PASS	Imidacloprid*	0.00800	0.400	<LOQ	PASS
Acephate*	0.00700	0.400	<LOQ	PASS	Indole-3-butyric acid*	0.00700	1.00	<LOQ	PASS
Acequinocyl*	0.0160	2.00	<LOQ	PASS	Kresoxim methyl*	0.0120	0.400	<LOQ	PASS
Acetamiprid*	0.00500	0.200	<LOQ	PASS	Malathion*	0.0110	0.200	<LOQ	PASS
Aldicarb*	0.00500	0.400	<LOQ	PASS	Metalaxyl*	0.0120	0.200	<LOQ	PASS
Azadirachtin*	0.0220	1.00	<LOQ	PASS	Methiocarb*	0.00400	0.200	<LOQ	PASS
Azoxystrobin*	0.00600	0.200	<LOQ	PASS	Methomyl*	0.0120	0.400	<LOQ	PASS
Bifenazate*	0.00600	0.200	<LOQ	PASS	Mevinphos*	0.0190	1.00	<LOQ	PASS
Bifenthrin*	0.00300	0.200	<LOQ	PASS	MGK-264*	0.0110	0.200	<LOQ	PASS
Boscalid*	0.0110	0.400	<LOQ	PASS	Myclobutanil*	0.0130	0.200	<LOQ	PASS
Carbaryl*	0.00600	0.200	<LOQ	PASS	Naled*	0.00500	0.500	<LOQ	PASS
Carbofuran*	0.00500	0.200	<LOQ	PASS	Oxamyl*	0.00800	1.00	<LOQ	PASS
Chlorantraniliprole*	0.00600	0.200	<LOQ	PASS	Paclobutrazol*	0.0150	0.400	<LOQ	PASS
Chloromequat chloride*	0.0190	1.00	<LOQ	PASS	Permethrins, Total*	0.00900	0.200	<LOQ	PASS
Chlorpyrifos*	0.00900	0.200	<LOQ	PASS	Phosmet*	0.00700	0.200	<LOQ	PASS
Clofentezine*	0.0100	0.200	<LOQ	PASS	Piperonyl Butoxide*	0.00600	2.00	<LOQ	PASS
Daminozide*	0.00400	1.00	<LOQ	PASS	Prallethrin*	0.00800	0.200	<LOQ	PASS
Diazinon*	0.00700	0.200	<LOQ	PASS	Propiconazole*	0.00600	0.400	<LOQ	PASS
Dichlorvos*	0.0120	1.00	<LOQ	PASS	Propoxur*	0.00800	0.200	<LOQ	PASS
Dimethoate*	0.00600	0.200	<LOQ	PASS	Pyrethrins*	0.0140	1.00	<LOQ	PASS
Dimethomorph*	0.00500	1.00	<LOQ	PASS	Pyridaben*	0.00600	0.200	<LOQ	PASS
Ethoprophos*	0.0130	0.200	<LOQ	PASS	Spinetoram, Total*	0.00500	1.00	<LOQ	PASS
Etofenprox*	0.00300	0.400	<LOQ	PASS	Spinosad, Total*	0.00600	0.200	<LOQ	PASS
Etoxazole*	0.00500	0.200	<LOQ	PASS	Spiromesifen*	0.0130	0.200	<LOQ	PASS
Fenhexamid*	0.0150	1.00	<LOQ	PASS	Spirotetramat*	0.00600	0.200	<LOQ	PASS
Fenoxycarb*	0.0110	0.200	<LOQ	PASS	Spiroxamine*	0.00400	0.200	<LOQ	PASS
Fenpyroximate*	0.00200	0.400	<LOQ	PASS	Tebuconazole*	0.0120	0.400	<LOQ	PASS
Flonicamid*	0.00700	1.00	<LOQ	PASS	Thiacloprid*	0.00800	0.200	<LOQ	PASS
Fludioxonil*	0.0170	0.400	<LOQ	PASS	Thiamethoxam*	0.00800	0.200	<LOQ	PASS
Hexythiazox*	0.00500	1.00	<LOQ	PASS					

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Alicia Caruso-Thomas

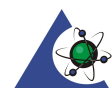
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Pesticides GC

Pass

Sample Analysis

Date: 08/07/2024 11:41 AM **SOP:** NYS.SOPT.040.271
Analyzed By: GC-MS/MS **Sample Weight:** N/A
Analyst: Destiny Ribadeneyra

Analyte	LOQ (ppm)	Action Limit (ppm)	Results (ppm)	Pass/Fail
Captan*	0.300	1.00	<LOQ	PASS
Chlordane*	0.0700	1.00	<LOQ	PASS
Chlorfenapyr*	0.100	1.00	<LOQ	PASS
Coumaphos*	0.190	1.00	<LOQ	PASS
Cyfluthrin*	0.110	1.00	<LOQ	PASS
Cypermethrin*	0.240	1.00	<LOQ	PASS
Fipronil*	0.170	0.400	<LOQ	PASS
Imazalil*	0.170	0.200	<LOQ	PASS
Methyl parathion*	0.0900	0.200	<LOQ	PASS
Pentachloronitrobenzene*	0.170	1.00	<LOQ	PASS
Trifloxystrobin*	0.110	0.200	<LOQ	PASS

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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5674.1

Microbial Impurities - MDG

Pass

Sample Analysis

Date: 08/05/2024 09:09 PM

SOP: NYS.SOPT.40.273

Analyzed By: PCR

Analyst: Lindsey Vento

Analyte	Microbial Type	LOQ (CFU/g)	Allowable Limit	Results	Pass/Fail
Shiga toxin-producing Escherichia coli	Bacterial	1	Not Detected	Not Detected	PASS
Salmonella species	Bacterial	1	Not Detected	Not Detected	PASS
Aspergillus flavus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus niger	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus terreus	Fungal	1	Not Detected	Not Detected	PASS
Aspergillus fumigatus	Fungal	1	Not Detected	Not Detected	PASS

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CERTIFICATE OF ANALYSIS

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Certificate: 5674.1

Microbial Impurities - TAPC

Pass

Sample Analysis

Date: 08/02/2024 05:23 PM SOP: NYS.SOPT.040.200

Analyzed By: Plating

Analyst: Lindsey Vento

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Aerobic Bacteria/CDP-TC	5	N/A	<LOQ	PASS

Microbial Impurities - TYMC

Pass

Sample Analysis

Date: 08/05/2024 03:33 PM SOP: NYS.SOPT.040.200

Analyzed By: Plating

Analyst: Lindsey Vento

Analyte	LOQ (CFU/g)	Action Limit (CFU/g)	Results (CFU/g)	Pass/Fail
Total Yeast and Mold	5	N/A	220000	PASS
Mold Count	5	N/A	220000	PASS
Yeast Count	5	N/A	<LOQ	PASS

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CERTIFICATE OF ANALYSIS

Permit #: OCM-CPL-00004

Certificate: 5674.1

Foreign Matter

Pass

Sample Analysis

Date: 08/06/2024 10:40 AM **SOP:** NYS.SOPT.040.250
Analyzed By: Microscopy
Analyst: Destiny Ribadeneyra

Analyte	LOQ	Action Limit	Results	Pass/Fail
Mammalian excreta (mg/lb)	0	1.0	0	PASS
Stems >3mm in diameter (%)	0	5.0	0	PASS
Other Foreign Material (%)	0	2.0	0	PASS

Moisture Content

Pass

Sample Analysis

Date: 08/02/2024 03:38 PM **SOP:** NY.SOPT.040.220
Analyzed By: Moisture Balance
Analyst: Destiny Ribadeneyra

Analyte	LOQ (%)	Action Limit (%)	Results (%)	Pass/Fail
Moisture Content	0.0	5.0 - 15.0	11.9	PASS

Water Activity

Pass

Sample Analysis

Date: 08/06/2024 04:27 PM **SOP:** NY.SOPT.040.210
Analyzed By: Water Activity Meter
Analyst: Moni Kaneti

Analyte	LOQ (Aw)	Action Limit (Aw)	Results (Aw)	Pass/Fail
Water Activity	0.25	0.65	0.51	PASS

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