



Tom Ayres c/o Big Sky Ranch Holdings LLC  
 Address: 60 Millstone Watermill, NY 11976  
 Contact Name: Tom Ayres  
 Contact Phone: 631-514-5218  
 License #: OCM-AUCC-22-000188  
 Sample ID: 4658

Certificate: 4658.1

## Weed Brother OG

Lot #: BSRWBO00002      Lot Size: 750  
 Sample ID: 4658      Sample Type: Flower  
 Regulatory Category: Adult Use      Amount Received: 8 units  
 Received: 05/03/2024      Sample Collected: 05/03/2024 10:45 AM  
 Sampling Location: 60 Millstone Watermill, NY      Published: 05/10/2024



## COMPLIANCE FOR RETAIL

Cannabinoid Profile <b>Not Tested</b>	Average Cannabinoid Profile <b>Pass</b>	Terpenes Total <b>Pass</b>	<b>Pass</b> Sample Status	
Pesticides <b>Pass</b>	Mycotoxins <b>Pass</b>	Residual Solvents <b>Not Tested</b>		<b>28.1%</b> Total THC
Trace Metals <b>Pass</b>	Microbial Contaminants <b>Pass</b>	Moisture Analysis <b>Pass</b>		<b>0.105%</b> Total CBD
Water Activity <b>Pass</b>	Filth & Foreign <b>Pass</b>			<b>29.7 %</b> Total Cannabinoids

Report Notes: N/A

Alicia Caruso-Thomas  
 Laboratory Director

05/10/2024  
*Alicia Caruso-Thomas*

Phyto-Farma Labs  
 49 John Hicks Drive  
 Warwick, NY 10990  
 (845) 988-0937



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**Phyto-Farma Labs**  
 a Smithers company

**CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

Certificate: 4658.1

**Average Cannabinoid Profile**

**Pass**

**Sample Analysis**

Date: 05/09/2024 12:54 PM

SOP: NY.SOPT.40.260

Analyzed By: HPLC

Sample Weight: N/A

Analyst: Stephanie Knapp

Analyte	LOQ (%)	Average % (w/w)	mg/serving	Homogeneity <sup>†</sup>
Total Tetrahydrocannabinol (THC)	-	28.1	982	
Tetrahydrocannabinolic acid (THCA)	0.500	27.2	951	
Δ8-THC	0.500	0.0684	2.39	
Δ9-THC	0.500	4.05	142	
Δ10-THC-RS	0.500	<LOQ	<LOQ	
Δ10-THC-RR	0.500	0.107	3.75	
Total Cannabidiol (CBD)	-	0.105	3.69	
Cannabinadiolic acid (CBDA)	0.500	0.120	4.21	
Cannabidiol (CBD)	0.500	<LOQ	<LOQ	
Total Active Tetrahydrocannabivarin (THCV)	-	0.264	9.26	
Tetrahydrocannabivarinic acid (THCVA)*	0.500	0.261	9.12	
Tetrahydrocannabivarin (THCV)	0.500	0.0385	1.35	
Total Active Cannabigerol (CBG)	-	1.13	39.5	
Cannabigerolic acid (CBGA)	0.500	1.08	37.8	
Cannabigerol (CBG)	0.500	0.179	6.27	
Cannabidivarin (CBDV)	0.500	<LOQ	<LOQ	
Cannabinol (CBN)	0.500	0.0581	2.03	
Cannabichromene (CBC)	0.500	0.0730	2.56	

Cannabinoid Totals	Actual % (w/w)	mg/serving	Homogeneity <sup>†</sup>
Total Cannabinoids	29.7	1040	

\* 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: 3.5 g

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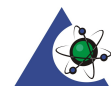
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 Sample ID: 4658

Certificate: 4658.1

## Terpene Total

Pass (1.690%)

## Sample Analysis

Date: 05/09/2024 09:50 AM

SOP: NY.SOPT.40.090

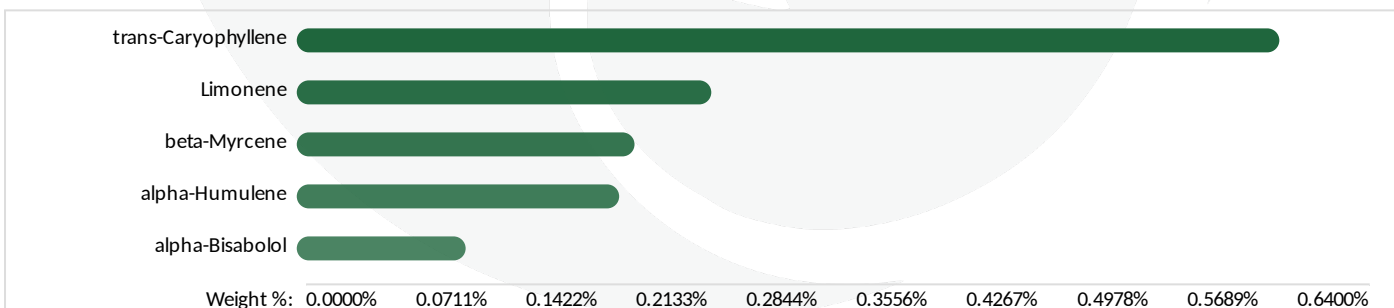
Sample Weight: 0.48952 g

Analyzed By: GC-MS

Analyst: Destiny Ribadeneyra

Analyte	LOQ (%)	Results (%)	Analyte	LOQ (%)	Results (%)
3-Carene	0.02000	<LOQ	gamma-Terpinene	0.02000	<LOQ
alpha-Bisabolol	0.02000	0.1100	gamma-Terpineol	0.02000	<LOQ
alpha-Humulene	0.03000	0.2100	Geraniol	0.02000	<LOQ
alpha-Phellandrene	0.03000	<LOQ	Geranyl acetate	0.03000	<LOQ
alpha-Pinene	0.02000	0.02000	Guaiol	0.03000	<LOQ
alpha-Terpinene	0.01000	<LOQ	Isoborneol	0.02000	<LOQ
alpha-Terpineol	0.02000	0.02000	Isopulegol	0.03000	<LOQ
beta-Myrcene	0.03000	0.2200	Limonene	0.04000	0.2700
beta-Pinene	0.03000	0.04000	Linalool	0.02000	0.06000
Borneol	0.02000	<LOQ	Menthol	0.02000	<LOQ
Camphene	0.02000	<LOQ	Nerol	0.03000	<LOQ
Camphor	0.02000	<LOQ	Pulegone (+)	0.03000	<LOQ
Caryophyllene oxide	0.03000	0.04000	Sabinene	0.02000	0.04000
Cedrene	0.02000	<LOQ	Sabinene Hydrate	0.02000	<LOQ
Cedrol	0.03000	<LOQ	Terpinolene	0.02000	<LOQ
cis-Nerolidol	0.03000	<LOQ	trans-b-Ocimene	0.02000	<LOQ
cis-Ocimene	0.03000	<LOQ	trans-Caryophyllene	0.03000	0.6400
Eucalyptol	0.04000	<LOQ	trans-Nerolidol	0.04000	<LOQ
Farnesene	0.04000	<LOQ	Valencene	0.03000	<LOQ
Fenchone	0.03000	<LOQ			

Terpene Totals	%	Pass/Fail
Total Terpenes	1.690	PASS



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**CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

Certificate: 4658.1

**Trace Metals**

**Pass**

**Sample Analysis**

Date: 05/09/2024 02:18 PM

SOP: NY.SOPT.40.050

Analyzed By: ICP-MS

Sample Weight: 0.13144 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	8.25	PASS
Lead (Pb)*	0.0800	0.500	<LOQ	PASS
Mercury (Hg)*	0.0100	0.100	<LOQ	PASS
Nickel (Ni)*	0.110	5.00	1.81	PASS

\* Analyte is not included in ISO 17025 scope of accreditation

**Mycotoxin Analysis**

**Pass**

**Sample Analysis**

Date: 05/10/2024 09:59 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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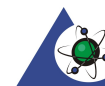
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 Sample ID: 4658

Certificate: 4658.1

**Pesticides LC**

**Pass**

**Sample Analysis**

Date: 05/08/2024 01:46 PM

SOP: NY.SOPT.040.270

Analyzed By: LC-MS/MS

Sample Weight: 1.00052 g

Analyst: Stephanie Knapp

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
Fonicamid*	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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 Laboratory Director

05/10/2024  
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 a Smithers company

**CERTIFICATE OF ANALYSIS**

Permit #: OCM-CPL-00004

Certificate: 4658.1

**Pesticides GC**

**Pass**

**Sample Analysis**

**Date:** 05/09/2024 10:19 AM

**SOP:** NYS.SOPT.040.271

**Analyzed By:** GC-MS/MS

**Sample Weight:** 1.00052 g

**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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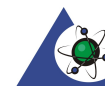
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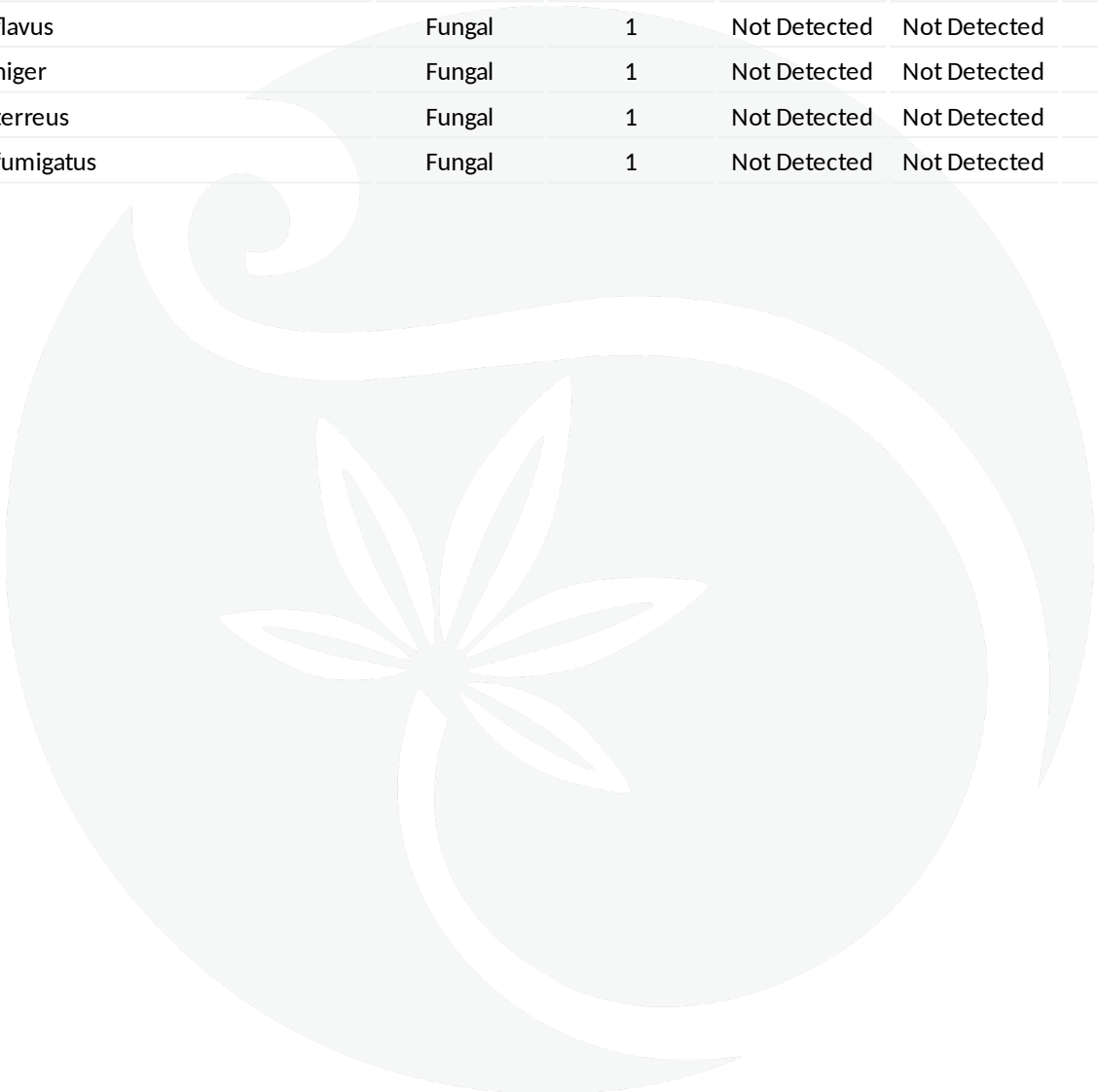
**Microbial Impurities - MDG**

**Pass**

**Sample Analysis**

**Date:** 05/09/2024 07:59 AM      **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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**Microbial Impurities - TAPC**

**Pass**

**Sample Analysis**

Date: 05/08/2024 05:18 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: 05/09/2024 03:57 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	<LOQ	PASS
Mold Count	5	N/A	<LOQ	PASS
Yeast Count	5	N/A	<LOQ	PASS

**Alicia Caruso-Thomas**

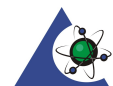
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 Address: 60 Millstone Watermill, NY 11976  
 Contact Name: Tom Ayres  
 Contact Phone: 631-514-5218  
 License #: OCM-AUCC-22-000188  
 Sample ID: 4658



**Phyto-Farma Labs**  
 a Smithers company

**CERTIFICATE OF ANALYSIS**  
 Permit #: OCM-CPL-00004

Certificate: 4658.1

### Foreign Matter

Pass

#### Sample Analysis

Date: 05/06/2024 03:35 PM      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: 05/07/2024 08:34 AM      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	12.6	PASS

### Water Activity

Pass

#### Sample Analysis

Date: 05/07/2024 02:34 PM      SOP: NY.SOPT.040.210  
 Analyzed By: Water Activity Meter  
 Analyst: Destiny Ribadeneyra

Analyte	LOQ (Aw)	Action Limit (Aw)	Results (Aw)	Pass/Fail
Water Activity	0.25	0.65	0.50	PASS

Alicia Caruso-Thomas  
 Laboratory Director

05/10/2024  
*Alicia Caruso-Thomas*

Phyto-Farma Labs  
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