

## Chocolate Malawi

Sample ID: 2503APO1045.5855

Strain: Chocolate Malawi

Matrix: Plant

Type: Flower - Cured

Source Batch #: 20250218CMW-2T2-5

Produced:

Collected: 03/07/2025 03:08 pm

Received: 03/10/2025

Completed: 03/14/2025

Batch #: 20250218CMW-2T2-5

Harvest Date: 02/18/2025

Client

**Aeriz AZ**

Lic. # 00000106DCQV00747138

Lot #:

Production/Manufacture Date:

Production/Manufacture Method:



## Summary

Test	Date Tested	Result
Batch		Pass
Cannabinoids	03/10/2025	Complete
Terpenes	03/11/2025	Complete
Microbials	03/13/2025	Pass
Pesticides	03/11/2025	Pass
Heavy Metals	03/10/2025	Pass

## Cannabinoids by SOP-6

Complete

34.8770%	ND	40.5846%	2.4733%
Total THC	Total CBD	Total Cannabinoids <sup>(Q3)</sup>	Total Terpenes <sup>(Q3)</sup>

Analyte	LOD	LOQ	Result	Result	Q
	%	%	%	mg/g	
THCa		0.1000	39.4478	394.478	
Δ9-THC		0.1000	0.2813	2.813	
Δ8-THC		0.1000	ND	ND	
THCV		0.1000	ND	ND	
CBDa		0.1000	<LOQ	<LOQ	
CBD		0.1000	ND	ND	
CBDVa		0.1000	ND	ND	
CBDV		0.1000	ND	ND	
CBN		0.1000	ND	ND	
CBGa		0.1000	0.7040	7.040	
CBG		0.1000	0.1515	1.515	
CBC		0.1000	ND	ND	
Total THC			34.8770	348.7700	
Total CBD			ND	ND	
Total			40.5846	405.846	

Date Tested: 03/10/2025 07:00 am



*Anthony Settanni*  
Anthony Settanni  
Lab Director  
03/14/2025

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## Pesticides by SOP-22

Pass

Analyte	LOQ	Limit	Result	Q	Status	Analyte	LOQ	Limit	Result	Q	Status
	PPM	PPM	PPM				PPM	PPM	PPM		
Abamectin	0.2500	0.5000	ND		Pass	Hexythiazox	0.5000	1.0000	ND		Pass
Acephate	0.2000	0.4000	ND		Pass	Imazalil	0.1000	0.2000	ND		Pass
Acetamiprid	0.1000	0.2000	ND		Pass	Imidacloprid	0.2000	0.4000	ND		Pass
Aldicarb	0.2000	0.4000	ND		Pass	Kresoxim Methyl	0.2000	0.4000	ND		Pass
Azoxystrobin	0.1000	0.2000	ND		Pass	Malathion	0.1000	0.2000	ND		Pass
Bifenazate	0.1000	0.2000	ND		Pass	Metalaxyl	0.1000	0.2000	ND		Pass
Bifenthrin	0.1000	0.2000	ND		Pass	Methiocarb	0.1000	0.2000	ND		Pass
Boscalid	0.2000	0.4000	ND		Pass	Methomyl	0.2000	0.4000	ND		Pass
Carbaryl	0.1000	0.2000	ND		Pass	Myclobutanil	0.1000	0.2000	ND		Pass
Carbofuran	0.1000	0.2000	ND		Pass	Naled	0.2500	0.5000	ND		Pass
Chlorantraniliprole	0.1000	0.2000	ND		Pass	Oxamyl	0.5000	1.0000	ND		Pass
Chlorfenapyr	0.5000	1.0000	ND		Pass	Paclobutrazol	0.2000	0.4000	ND		Pass
Chlorpyrifos	0.1000	0.2000	ND		Pass	Permethrins	0.1000	0.2000	ND		Pass
Clofentezine	0.1000	0.2000	ND		Pass	Phosmet	0.1000	0.2000	ND		Pass
Cyfluthrin	0.5000	1.0000	ND		Pass	Piperonyl	1.0000	2.0000	ND		Pass
Cypermethrin	0.5000	1.0000	ND		Pass	Butoxide					
Daminozide	0.5000	1.0000	ND		Pass	Prallethrin	0.1000	0.2000	ND		Pass
Diazinon	0.1000	0.2000	ND		Pass	Propiconazole	0.2000	0.4000	ND		Pass
Dichlorvos	0.0500	0.1000	ND		Pass	Propoxur	0.1000	0.2000	ND		Pass
Dimethoate	0.1000	0.2000	ND		Pass	Pyrethrins	0.5000	1.0000	ND		Pass
Ethoprophos	0.1000	0.2000	ND		Pass	Pyridaben	0.1000	0.2000	ND		Pass
Etofenprox	0.2000	0.4000	ND		Pass	Spinosad	0.1000	0.2000	ND		Pass
Etoxazole	0.1000	0.2000	ND		Pass	Spiromesifen	0.1000	0.2000	ND		Pass
Fenoxycarb	0.1000	0.2000	ND		Pass	Spirotetramat	0.1000	0.2000	ND		Pass
Fenpyroximate	0.2000	0.4000	ND		Pass	Spiroxamine	0.2000	0.4000	ND		Pass
Fipronil	0.2000	0.4000	ND		Pass	Tebuconazole	0.2000	0.4000	ND		Pass
Flonicamid	0.5000	1.0000	ND		Pass	Thiacloprid	0.1000	0.2000	ND		Pass
Fludioxonil	0.2000	0.4000	ND		Pass	Thiamethoxam	0.1000	0.2000	ND		Pass
						Trifloxystrobin	0.1000	0.2000	ND		Pass

Date Tested: 03/11/2025 07:00 am



*Anthony Settanni*

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Lab Director  
03/14/2025

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## Microbials

Pass

Analyte	Limit	Result	Status	Q
Salmonella SPP by QPCR: SOP-15	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Flavus Aspergillus Fumigatus or Aspergillus Niger by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	
Aspergillus Terreus by QPCR: SOP-14	Detected/Not Detected in 1g	ND	Pass	

Analyte	LOQ	Limit	Result	Status	Q
	CFU/g	CFU/g	CFU/g		
E. Coli by traditional plating: SOP-13	10.0	100.0	< 10 CFU/g	Pass	

Date Tested: 03/13/2025 12:00 am

## Mycotoxins by SOP-22

Not Tested

Analyte	LOD	LOQ	Limit	Units	Status	Q
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Date Tested:

## Heavy Metals by SOP-21

Pass

Analyte	LOD	LOQ	Limit	Units	Status	Q
	PPM	PPM	PPM	PPM		
Arsenic	0.1000	0.1330	0.4000	ND	Pass	
Cadmium	0.1000	0.1330	0.4000	ND	Pass	
Lead	0.2500	0.3330	1.0000	ND	Pass	
Mercury	0.0500	0.0660	0.2000	ND	Pass	

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## Terpenes

Analyte	LOQ	Result	Result	Q		Analyte	LOQ	Result	Result	Q
	%	%	mg/g				%	%	mg/g	
D,L-Limonene	0.0010	0.7267	7.267	Q3		Cedrol	0.0010	ND	ND	Q3
β-Caryophyllene	0.0010	0.4215	4.215	Q3		cis-Citral	0.0010	ND	ND	Q3
Linalool	0.0010	0.3995	3.995	Q3		cis-Farnesol	0.0010	ND	ND	Q3
β-Myrcene	0.0010	0.2831	2.831	Q3		cis-Nerolidol	0.0010	ND	ND	Q3
β-Pinene	0.0010	0.1374	1.374	Q3		Citronellol	0.0010	ND	ND	Q3
α-Humulene	0.0010	0.1361	1.361	Q3		Eucalyptol	0.0010	ND	ND	Q3
Endo-Fenchyl Alcohol	0.0010	0.0830	0.830	Q3		γ-Terpinene	0.0010	ND	ND	Q3
α-Terpineol	0.0010	0.0732	0.732	Q3		Geranyl Acetate	0.0010	ND	ND	Q3
α-Pinene	0.0010	0.0731	0.731	Q3		Guaiol	0.0010	ND	ND	Q3
trans-Nerolidol	0.0010	0.0393	0.393	Q3		Isoborneol	0.0010	ND	ND	Q3
α-Bisabolol	0.0010	0.0374	0.374	Q3		Isobornyl Acetate	0.0010	ND	ND	Q3
Camphene	0.0010	0.0212	0.212	Q3		Isopulegol	0.0010	ND	ND	Q3
cis-beta-Ocimene	0.0010	0.0086	0.086	Q3		m-Cymene	0.0010	ND	ND	Q3
Terpinolene	0.0010	0.0075	0.075	Q3		Menthol	0.0010	ND	ND	Q3
D,L-Borneol	0.0010	0.0071	0.071	Q3		L-Menthone	0.0010	ND	ND	Q3
Caryophyllene Oxide	0.0010	0.0049	0.049	Q3		Nerol	0.0010	ND	ND	Q3
α-Terpinene	0.0010	0.0043	0.043	Q3		Nootkatone	0.0010	ND	ND	Q3
Geraniol	0.0010	0.0028	0.028	Q3		o,p-Cymene	0.0010	ND	ND	Q3
trans-beta-Ocimene	0.0010	0.0025	0.025	Q3		Octyl Acetate	0.0010	ND	ND	Q3
Sabinene Hydrate	0.0010	0.0021	0.021	Q3		Phytane	0.0010	ND	ND	Q3
Fenchone	0.0010	0.0020	0.020	Q3		Piperitone	0.0010	ND	ND	Q3
3-Carene	0.0010	ND	ND	Q3		Pulegone	0.0010	ND	ND	Q3
α-Cedrene	0.0010	ND	ND	Q3		Sabinene	0.0010	ND	ND	Q3
α-Phellandrene	0.0010	ND	ND	Q3		Safranal	0.0010	ND	ND	Q3
α-Thujone	0.0010	ND	ND	Q3		Terpinen-4-ol	0.0010	ND	ND	Q3
trans-β-Farnesene	0.0010	ND	ND	Q3		Thymol	0.0010	ND	ND	Q3
Camphor	0.0010	ND	ND	Q3		trans-Citral	0.0010	ND	ND	Q3
Carvacrol	0.0010	ND	ND	Q3		Valencene	0.0010	ND	ND	Q3
Carvone	0.0010	ND	ND	Q3		Verbenone	0.0010	ND	ND	Q3
						Total		2.4733	24.733	

## Primary Aromas



Date Tested: 03/11/2025 12:00 am  
Terpenes analysis is not regulated by AZDHS.



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Lab Director  
03/14/2025

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## Qualifiers Definitions

Qualifier Notation	Qualifier Description
I1	The relative intensity of a characteristic ion in a sample analyte exceeded the acceptance criteria in subsection (L)(1) with respect to the reference spectra, indicating interference
L1	When testing for pesticides, fungicides, herbicides, growth regulators, heavy metals, or residual solvents, the percent recovery of a laboratory control sample is greater than the acceptance limits in subsection (K)(2)(c), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
M1	The recovery from the matrix spike in subsection (K)(4) was: a. High, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M2	The recovery from the matrix spike in subsection (K)(4) was: b. Low, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
M3	The recovery from the matrix spike in subsection (K)(4) was: c. Unusable because the analyte concentration was disproportionate to the spike level, but the recovery from the laboratory control sample in subsection (K)(2) was within acceptance criteria
R1	The relative percent difference for the laboratory control sample and duplicate exceeded the limit in subsection (K)(3), but the recovery in subsection (K)(2) was within acceptance criteria
V1	The recovery from continuing calibration verification standards exceeded the acceptance limits in subsection (J)(1)(b), but the sample's target analytes were not detected above the maximum allowable concentrations in Table 3.1 for the analytes in the sample
Q2	The sample is heterogeneous, and sample homogeneity could not be readily achieved using routine laboratory practices – Used to denote that the sample as-received could not be fully pre-homogenized in packaging prior to microbiology analysis
Q3	Testing result is for informational purposes only and cannot be used to satisfy dispensary testing requirements in R9-17-317.01(A) or labeling requirements in R9-17-317

## Customer Supplied Information:

## Notes and Addenda:



*[Signature]*

Bryant Kearl  
Chief Scientific Officer  
03/14/2025

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