

# Certificate of Analysis

**Sample Name:** CBNMB - 250406  
**Client:** Gorilla CBD  
**Sample Code:** CAN-250604-044  
**Matrix Name:** Extract - Isolate  
**Type / Result:** QA - Pass



**Source Package:** N/A  
**Test Package:** N/A  
**Received Date:** Fri, Jun 6, 2025  
**Published Date:** Wed, Jun 11, 2025  
**Batch/Lot Code:** 250406  
**Batch Size:** N/A  
**Sample Size:** 1U

## ACCURATE POTENCY

Total Cannabinoids	97.6796 %
Total CBD	0.0000 %
Total THC	0.0000 %

POT  
**Cannabinoids**  
Potency

MET  
**Heavy Metals**

SOL  
**Residual Solvents**  
USP <467>

PGC  
**Chemical Residue**  
MI Cannabis

PLC  
**Chemical Residue**  
MI Cannabis

## Approvals

### RESULTS REVIEWED BY:

**Leslie Varela**  
Laboratory Director

Cambium Analytica  
Wednesday, Jun 11,  
2025

### RESULTS CERTIFIED BY:

**Douglas Smith**  
VP - Scientific Operations

Cambium Analytica  
Wednesday, Jun 11,  
2025

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POT

## Cannabinoids - Potency

LAB-TM-025 - Determination of Potency of Cannabis and Cannabis Infused Products

POT-CAN-250604-044-01 - WED, JUN 11, 2025



Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
CBN	97.1021 %	971.0208 mg/g	N/A	381.6746 ug/g	763.3492 ug/g	N/A
CBG	0.5775 %	5.7751 mg/g	N/A	381.6746 ug/g	763.3492 ug/g	N/A
(6aR,9R)-Delta-10 THC	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
(6aR,9S)-Delta-10 THC	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
CBC	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
CBD	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
CBDA	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
CBDV	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
CBGA	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
Delta-8 THC	ND	N/A	10.0 %	381.6746 ug/g	763.3492 ug/g	PASS
Delta-8 THCV	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
Delta-9 THC	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
Delta-9 THCV	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
THCA	ND	N/A	N/A	381.6746 ug/g	763.3492 ug/g	N/A
Total Cannabinoids*	97.6796 %	976.7960 mg/g	N/A	N/A	N/A	N/A
Delta-9 THC + Delta-8 THC	0.0000 %	0.0000 mg/g	N/A	N/A	N/A	N/A
Total CBD*	0.0000 %	0.0000 mg/g	N/A	N/A	N/A	N/A
Total THCV*	0.0000 %	0.0000 mg/g	N/A	N/A	N/A	N/A
Total THC*	0.0000 %	0.0000 mg/g	N/A	N/A	N/A	N/A

\*Total Cannabinoids is calculated as the sum of all quantified cannabinoids.

\*Total CBD is calculated as the sum of CBD and 0.877\*(CBDA).

\*Total THCV is calculated as the sum of Delta-8 THCV and Delta-9 THCV.

\*Total THC is calculated as the sum of Delta-9 THC, Delta-8 THC, and 0.877\*(THCA).



MET

**Heavy Metals**LAB-TM-005 - Determination of Heavy Metals in Cannabis and Cannabis-Infused Products by ICP-MS  
MET-CAN-250604-044-01 - TUE, JUN 10, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Arsenic	ND	0.20 ug/g	0.509 ug/kg	2.062 ug/kg	PASS
Cadmium	ND	0.20 ug/g	0.256 ug/kg	0.509 ug/kg	PASS
Chromium	0.016 ug/g	0.60 ug/g	0.259 ug/kg	0.509 ug/kg	PASS
Copper	ND	N/A	0.255 ug/kg	1.015 ug/kg	N/A
Lead	0.001 ug/g	0.50 ug/g	0.255 ug/kg	0.515 ug/kg	PASS
Mercury	0.000 ug/g	0.10 ug/g	0.025 ug/kg	0.057 ug/kg	PASS
Nickel	0.003 ug/g	0.50 ug/g	0.251 ug/kg	1.071 ug/kg	PASS



SOL

## Residual Solvents - USP &lt;467&gt;

LAB-TM-004 - Determination of Residual Solvents  
SOL-CAN-250604-044-01 - TUE, JUN 10, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
1,2-Dichloroethane	ND	2 ug/g	0.4 ug/g	1.00 ug/g	PASS
2-Methylbutane	ND	750 ug/g	1.54 ug/g	5.14 ug/g	PASS
2-Methylpentane	ND	50 ug/g	5.02 ug/g	10.05 ug/g	PASS
2,2-Dimethylbutane	ND	50 ug/g	0.98 ug/g	3.27 ug/g	PASS
2,3-Dimethylbutane	ND	50 ug/g	2.19 ug/g	7.32 ug/g	PASS
3-Methylpentane	ND	50 ug/g	5.02 ug/g	10.05 ug/g	PASS
Acetone	ND	750 ug/g	10.5 ug/g	31.25 ug/g	PASS
Acetonitrile	ND	60 ug/g	5.15 ug/g	10.25 ug/g	PASS
Benzene	ND	1 ug/g	0.18 ug/g	0.50 ug/g	PASS
Butane	ND	800 ug/g	1.68 ug/g	5.59 ug/g	PASS
Chloroform	ND	2 ug/g	0.78 ug/g	1.00 ug/g	PASS
Ethanol	ND	1000 ug/g	15.6 ug/g	31.8 ug/g	PASS
Ethyl Acetate	ND	400 ug/g	1.95 ug/g	6.49 ug/g	PASS
Ethyl Ether	ND	500 ug/g	1.37 ug/g	4.55 ug/g	PASS
Ethylene Oxide	ND	5 ug/g	0.15 ug/g	0.49 ug/g	PASS
Heptane	329.135 ug/g	500 ug/g	1.31 ug/g	4.37 ug/g	PASS
Hexane	ND	50 ug/g	1.42 ug/g	4.74 ug/g	PASS
Isobutane	ND	800 ug/g	1.6 ug/g	5.34 ug/g	PASS
Isopropyl Alcohol	ND	500 ug/g	10.93 ug/g	30.24 ug/g	PASS
Methanol	ND	250 ug/g	10.2 ug/g	30.6 ug/g	PASS
Methylene Chloride	ND	125 ug/g	1.36 ug/g	4.53 ug/g	PASS
Neopentane	ND	750 ug/g	1.49 ug/g	4.97 ug/g	PASS
Pentane	ND	750 ug/g	1.46 ug/g	4.87 ug/g	PASS
Propane	ND	2100 ug/g	1.95 ug/g	6.51 ug/g	PASS
Toluene	ND	150 ug/g	12.5 ug/g	25.2 ug/g	PASS
Total Xylenes	ND	150 ug/g	10.25 ug/g	30.75 ug/g	PASS
Trichloroethylene	ND	25 ug/g	0.29 ug/g	0.96 ug/g	PASS
Butanes (Sum of Butane and Isobutane)	0.000 ug/g	800 ug/g	N/A	N/A	PASS
Hexanes (Sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane)	0.000 ug/g	50 ug/g	N/A	N/A	PASS
Pentanes (Sum of Pentane, 2-Methylbutane, and Neopentane)	0.000 ug/g	750 ug/g	N/A	N/A	PASS



PGC

**Chemical Residue - MI Cannabis - GC/TQ**

LAB-TM-003 - Determination of Chemical Residue of Cannabis and Cannabis Infused Products by GC

PGC-CAN-250604-044-01 - TUE, JUN 10, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Chlorfenapyr	ND	1.0 ug/g	6.110 ug/kg	20.400 ug/kg	PASS
Methyl Parathion	ND	0.2 ug/g	3.120 ug/kg	10.500 ug/kg	PASS



PLC

## Chemical Residue - MI Cannabis - LC/TQ

LAB-TM-002 - Determination of Chemical Residue of Cannabis and Cannabis Infused Products by LC-TQ  
PLC-CAN-250604-044-01 - TUE, JUN 10, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Abamectin	ND	0.5 ug/g	0.05 ug/g	0.10 ug/g	PASS
Acephate	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Acequinocyl	ND	2.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Acetamiprid	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Aldicarb	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Azoxystrobin	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Bifenazate	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Bifenthrin	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Boscalid	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Carbaryl	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Carbofuran	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Chlorantraniliprole	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Chlorpyrifos	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Clofentezine	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Cyfluthrin	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Cypermethrin	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Daminozide	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Diazinon	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Dichlorvos	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Dimethoate	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Ethoprophos	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Etofenprox	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Etoxazole	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Fenoxycarb	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Fenpyroximate	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Fipronil	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Fonicamid	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Fludioxonil	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Hexythiazox	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Imazalil	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Imidacloprid	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Kresoxim Methyl	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Malathion	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Metalaxyl	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Methiocarb	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS



PLC

## Chemical Residue - MI Cannabis - LC/TQ

LAB-TM-002 - Determination of Chemical Residue of Cannabis and Cannabis Infused Products by LC-TQ

PLC-CAN-250604-044-01 - TUE, JUN 10, 2025



Analyte	Value	Action Limit	LOD	LOQ	Status
Methomyl	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
MGK-264	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Myclobutanil	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Naled	ND	0.5 ug/g	0.05 ug/g	0.10 ug/g	PASS
Oxamyl	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Paclobutrazol	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Permethrins (Sum of Cis- and Trans-Permethrin)	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Phosmet	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Prallethrin	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Propiconazole	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Propoxur	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Pyrethrins (Sum of Cinerin 1, Jasmolin 1, and Pyrethrin 1)	ND	1.0 ug/g	0.05 ug/g	0.10 ug/g	PASS
Pyridaben	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Spinosad	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Spiromesifen	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Spirotetramat	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Spiroxamine	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Tebuconazole	ND	0.4 ug/g	0.05 ug/g	0.10 ug/g	PASS
Thiacloprid	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Thiamethoxam	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Trifloxystrobin	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS

