

Certificate of Analysis

Sample Name: CBD - 251020
Client: Gorilla CBD
Sample Code: CAN-251022-033
Matrix Name: Extract - Isolate
Type / Result: Compliance - Pass



Source Package: N/A
Test Package: N/A
Received Date: Wed, Oct 29, 2025
Published Date: Mon, Nov 3, 2025
Batch/Lot Code: CBD - 251020
Batch Size: N/A
Sample Size: 1U

ACCURATE POTENCY

Total CBD	97.5775 %
Total Cannabinoids	97.5775 %
Total THC	0.0000 %

POT
Cannabinoids
Potency

MET
Heavy Metals

SOL
Residual Solvents

PGC
Chemical Residue
MI Cannabis

PLC
Chemical Residue
MI Cannabis

Approvals

RESULTS REVIEWED BY:

Leslie Varela
Laboratory Director

Cambium Analytica
Monday, Nov 3, 2025

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific
Operations

Cambium Analytica
Monday, Nov 3, 2025

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Lab Information

Address: 1230 Woodmere Ave, Traverse City, MI 49686 **Phone:** 231.252.3669 **Accreditation:** ISO/IEC 17025:2017 – #108157 **License #:** AU-SC-000112



POT

Cannabinoids - Potency

LAB-TM-025 - Determination of Potency of Cannabis and Cannabis Infused Products
POT-CAN-251022-033-01 - FRI, OCT 31, 2025

Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
CBD	97.5775 %	975.7749 mg/g	N/A	3.8835 mg/g	7.7670 mg/g	N/A
(6aR,9R)-Delta-10 THC	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
(6aR,9S)-Delta-10 THC	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
CBC	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
CBDA	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
CBDV	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
CBG	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
CBGA	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
CBN	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
Delta-8 THC	ND	N/A	10 %	3.8835 mg/g	7.7670 mg/g	PASS
Delta-8 THCv	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
Delta-9 THC	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
THCA	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
Delta-9 THCv	ND	N/A	N/A	3.8835 mg/g	7.7670 mg/g	N/A
Total CBD*	97.5775 %	975.7749 mg/g	N/A	N/A	N/A	N/A
Total Cannabinoids*	97.5775 %	975.7749 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 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 CBD is calculated as the sum of CBD and 0.877(CBDA).

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

*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 MetalsLAB-TM-005 - Determination of Heavy Metals in Cannabis and Cannabis-Infused Products by ICP-MS
MET-CAN-251022-033-01 - FRI, OCT 31, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Arsenic	ND	0.2 ug/g	0.509 ug/kg	2.062 ug/kg	PASS
Cadmium	ND	0.2 ug/g	0.256 ug/kg	0.509 ug/kg	PASS
Chromium	0.135 ug/g	0.6 ug/g	0.259 ug/kg	0.509 ug/kg	PASS
Copper	0.005 ug/g	N/A	0.255 ug/kg	1.015 ug/kg	N/A
Lead	0.001 ug/g	0.5 ug/g	0.255 ug/kg	0.515 ug/kg	PASS
Mercury	ND	0.1 ug/g	0.025 ug/kg	0.057 ug/kg	PASS
Nickel	0.033 ug/g	0.5 ug/g	0.251 ug/kg	0.509 ug/kg	PASS



SOL

Residual Solvents

ANA-TM-004 - Determination of Residual Solvents

SOL-CAN-251022-033-01 - FRI, OCT 31, 2025



Analyte	Value	Action Limit	LOD	LOG	Status
1,2-Dichloroethane	ND	2 ug/g	0.5 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	0.046 ug/g	0.154 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	0.73 ug/g	2.44 ug/g	PASS
Acetone	ND	750 ug/g	1.57 ug/g	5.23 ug/g	PASS
Acetonitrile	ND	60 ug/g	1.85 ug/g	6.17 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	6.02 ug/g	20.1 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	109.758 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	4.9 ug/g	16.3 ug/g	PASS
Methanol	ND	250 ug/g	7.89 ug/g	26.4 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	54.948 ug/g	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	8.176 ug/g	150 ug/g	1.88 ug/g	6.26 ug/g	PASS
Total Xylenes	94.775 ug/g	150 ug/g	2.02 ug/g	6.72 ug/g	PASS
Trichloroethylene	ND	25 ug/g	0.29 ug/g	0.96 ug/g	PASS
Total Butanes*	0.000 ug/g	800 ug/g	N/A	N/A	PASS
Total Hexanes*	0.000 ug/g	50 ug/g	N/A	N/A	PASS
Total Pentanes*	54.948 ug/g	750 ug/g	N/A	N/A	PASS

*Total Butanes is calculated as the sum of Butane and Isobutane

*Total Hexanes is calculated as the sum of Hexane, 2,2-Dimethylbutane, 2,3-Dimethylbutane, 2-Methylpentane, and 3-Methylpentane.

*Total Pentanes is calculated as the sum of Pentane, 2-Methylbutane, and Neopentane.



PGC

Chemical Residue - MI Cannabis - GC/TQLAB-TM-003 - Determination of Chemical Residue of Cannabis and Cannabis Infused Products by GC
PGC-CAN-251022-033-01 - MON, NOV 3, 2025

Analyte	Value	Action Limit	LOD	LOQ	Status
Chlorfenapyr	ND	1 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-251022-033-01 - FRI, OCT 31, 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 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 ug/g	0.05 ug/g	0.10 ug/g	PASS
Cypermethrin	ND	1 ug/g	0.05 ug/g	0.10 ug/g	PASS
Daminozide	ND	1 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 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 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 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

*Total Pyrethrins is calculated as the sum of Cinerin I, Jasmolin I, and Pyrethrin I

*Total Spinosads is calculated as the sum of Spinosad A and Spinosad D.



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-251022-033-01 - FRI, OCT 31, 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 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 Cinerin I	ND	N/A	0.002 ug/g	0.004 ug/g	N/A
Pyrethrins Jasmolin I	ND	N/A	0.002 ug/g	0.004 ug/g	N/A
Pyrethrins Pyrethrin I	ND	N/A	0.034 ug/g	0.069 ug/g	N/A
Pyridaben	ND	0.2 ug/g	0.05 ug/g	0.10 ug/g	PASS
Spinosad A	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
Spinosad D	ND	N/A	0.05 ug/g	0.10 ug/g	N/A
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
Total Pyrethrins - MI*	0.000 ug/g	1 ug/g	N/A	N/A	PASS
Total Spinosads*	0.000 ug/g	0.2 ug/g	N/A	N/A	PASS

*Total Pyrethrins is calculated as the sum of Cinerin I, Jasmolin I, and Pyrethrin I

*Total Spinosads is calculated as the sum of Spinosad A and Spinosad D.

