Certificate of Analysis

Sample Name: 50mg Broad Spectrum
Client: cbdMD - ASG
Sample Code: HEM-260417-001
Matrix Name: Other
Type / Result: Quality Assurance - Pass

cambium analytica
an NSF company



Received Date: Mon, Apr 20, 2026
Published Date: Thu, Apr 23, 2026
Batch/Lot Code: 603006
Batch Size: N/A
Sample Size: 1U

RESULT SUMMARY

Total Cannabinoids	15.5465 %
Total CBD	14.3523 %
Total THC	0.0000 %

POT ✓
Cannabinoids
Potency

Approvals

RESULTS REVIEWED BY:

Leslie Nagy
Laboratory Director
Cambium Analytica
Thursday, Apr 23, 2026

RESULTS CERTIFIED BY:

Douglas Smith
VP - Scientific Operations
Cambium Analytica
Thursday, Apr 23, 2026

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Lab Information

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

POT

Cannabinoids - Potency

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

POT-HEM-260417-001-02 - THU, APR 23, 2026

Analyte	Value	Value (mg/g)	Action Limit	LOD	LOQ	Status
CBD	14.3523 %	143.5228 mg/g	N/A	0.3987 mg/g	0.7974 mg/g	N/A
CBN	0.3287 %	3.2866 mg/g	N/A	0.3987 mg/g	0.7974 mg/g	N/A
CBGA	0.2663 %	2.6634 mg/g	N/A	0.3987 mg/g	0.7974 mg/g	N/A
CBDV	0.2271 %	2.2706 mg/g	N/A	0.3987 mg/g	0.7974 mg/g	N/A
CBG	0.1922 %	1.9219 mg/g	N/A	0.3987 mg/g	0.7974 mg/g	N/A
CBC	0.1800 %	1.8001 mg/g	N/A	0.3987 mg/g	0.7974 mg/g	N/A
(6aR,9R)-Delta-10 THC	ND	N/A	N/A	0.3987 mg/g	0.7974 mg/g	N/A
(6aR,9S)-Delta-10 THC	ND	N/A	N/A	0.3987 mg/g	0.7974 mg/g	N/A
CBDA	ND	N/A	N/A	0.3987 mg/g	0.7974 mg/g	N/A
Delta-8 THC	ND	N/A	N/A	0.3987 mg/g	0.7974 mg/g	N/A
Delta-8 THCV	ND	N/A	N/A	0.3987 mg/g	0.7974 mg/g	N/A
Delta-9 THC	ND	N/A	N/A	0.3987 mg/g	0.7974 mg/g	N/A
THCA	ND	N/A	N/A	0.3987 mg/g	0.7974 mg/g	N/A
Delta-9 THCV	ND	N/A	N/A	0.3987 mg/g	0.7974 mg/g	N/A
Total Cannabinoids*	15.5465 %	155.4653 mg/g	N/A	N/A	N/A	N/A
Total CBD*	14.3523 %	143.5228 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 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).*

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Lexington, KY 40511

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Certificate of Analysis

50 mg Broad Spectrum softgel

Sample ID: SA-260417-80086
Batch: 603006
Type: Finished Product - Ingestible
Matrix: Edible - Softgel
Serving Size (g): 0.5000
Unit Volume (mL): , Density (g/mL):

Received: 05/01/2026
Completed: 05/14/2026

Heavy Metals by ICP-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Arsenic	0.002	0.02	ND
Cadmium	0.002	0.02	ND
Lead	0.005	0.05	ND
Mercury	0.005	0.01	ND

ND = Not Detected; NT = Not Tested; UA = Unsuitable for Analysis; NR = (Spike) Not Recoverable; LOD = Limit of Detection; LOQ = Limit of Quantitation; P = Pass; F = Fail; RL = Reporting Limit; Values over action limits may be estimates

Generated By: Scott Caudill
Laboratory Manager
Date: 05/19/2026

Tested By: Annie Velazquez
Assistant Scientist
Date: 05/08/2026

This product or substance has been tested by KCA Laboratories using validated testing methodologies and an ISO/IEC 17025:2017 accredited quality system. Values reported relate only to the product or substance tested. The reported result is based on a sample weight. Unless otherwise stated, results of tests performed on all quality control samples met criteria for acceptance established by KCA Laboratories. KCA Laboratories makes no claims as to the efficacy, safety or other risks associated with any detected or non-detected amounts of any substances reported herein. This Certificate of Analysis shall not be reproduced except in full, without the written approval of KCA Laboratories. KCA Laboratories can provide measurement uncertainty upon request.

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Unit Volume (mL): , Density (g/mL):

Received: 05/01/2026
Completed: 05/14/2026

Pesticides by LC-MS/MS and GC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)	Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
Abamectin	30	100	ND	Hexythiazox	30	100	ND
Acephate	30	100	ND	Imazalil	30	100	ND
Acequinocyl	30	100	NR	Imidacloprid	30	100	ND
Acetamiprid	30	100	ND	Kresoxim methyl	30	100	ND
Aldicarb	30	100	ND	Malathion	30	100	ND
Azoxystrobin	30	100	ND	Metalaxyl	30	100	ND
Bifenazate	30	100	ND	Methiocarb	30	100	ND
Bifenthrin	30	100	NR	Methomyl	30	100	ND
Boscalid	30	100	ND	Mevinphos	30	100	ND
Carbaryl	30	100	ND	Myclobutanil	30	100	ND
Carbofuran	30	100	ND	Naled	30	100	ND
Chloranthraniliprole	30	100	ND	Oxamyl	30	100	ND
Chlorfenapyr	30	100	ND	Paclobutrazol	30	100	ND
Chlormequat chloride	30	100	ND	Permethrin	30	100	NR
Chlorpyrifos	30	100	NR	Phosmet	30	100	ND
Clofentezine	30	100	ND	Piperonyl Butoxide	30	100	ND
Coumaphos	30	100	ND	Prallethrin	30	100	ND
Cypermethrin	30	100	NR	Propiconazole	30	100	ND
Daminozide	30	100	ND	Propoxur	30	100	ND
Diazinon	30	100	ND	Pyrethrins	30	100	ND
DDVP (Dichlorvos)	30	100	ND	Pyridaben	30	100	ND
Dimethoate	30	100	ND	Spinetoram	30	100	ND
Dimethomorph	30	100	ND	Spinosad	30	100	ND
Ethoprophos	30	100	ND	Spiromesifen	30	100	ND
Etofenprox	30	100	NR	Spirotetramat	30	100	ND
Etoxazole	30	100	ND	Spiroxamine	30	100	ND
Fenhexamid	30	100	ND	Tebuconazole	30	100	ND
Fenoxycarb	30	100	ND	Thiacloprid	30	100	ND
Fenpyroximate	30	100	ND	Thiamethoxam	30	100	ND
Fipronil	30	100	ND	Trifloxystrobin	30	100	ND
Flonicamid	30	100	ND				
Fludioxonil	30	100	ND				

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Generated By: Scott Caudill
Laboratory Manager
Date: 05/19/2026

Tested By: Madeline Mitchell
Assistant Scientist
Date: 05/08/2026

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Unit Volume (mL): , Density (g/mL):

Received: 05/01/2026
Completed: 05/14/2026

Mycotoxins by LC-MS/MS

Analyte	LOD (ppb)	LOQ (ppb)	Result (ppb)
B1	1	5	ND
B2	1	5	ND
G1	1	5	ND
G2	1	5	ND
Ochratoxin A	1	5	ND

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Generated By: Scott Caudill
Laboratory Manager
Date: 05/19/2026

Tested By: Madeline Mitchell
Assistant Scientist
Date: 05/08/2026

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Serving Size (g): 0.5000
Unit Volume (mL): , Density (g/mL):

Received: 05/01/2026
Completed: 05/14/2026

Microbials by PCR and Plating

Analyte	LOD (CFU/g)	Result (CFU/g)	Result (Qualitative)
Total aerobic count	10	ND	
Total coliforms	10	ND	
Generic E. coli	10	ND	
Listeria mono.	1		Not Detected per 1 gram
Salmonella spp.	1		Not Detected per 1 gram
Shiga-toxin producing E. coli (STEC)	1		Not Detected per 1 gram
Total yeast and mold count (TYMC)	10	ND	

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Generated By: Scott Caudill
Laboratory Manager
Date: 05/19/2026

Tested By: Sara Cook
Laboratory Technician
Date: 05/08/2026

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Unit Volume (mL): , Density (g/mL):

Received: 05/01/2026
Completed: 05/14/2026

Residual Solvents by HS-GC-MS

Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)	Analyte	LOD (ppm)	LOQ (ppm)	Result (ppm)
Acetone	33	100	ND	Ethylene Oxide	0.5	1	ND
Acetonitrile	14	41	ND	Heptane	33	100	ND
Benzene	0.5	1	ND	n-Hexane	2	6	ND
Butane	33	100	ND	Isobutane	33	100	ND
1-Butanol	167	500	ND	Isopropyl Acetate	167	500	ND
2-Butanol	167	500	ND	Isopropyl Alcohol	167	500	<LOQ
2-Butanone	167	500	ND	Isopropylbenzene	167	500	ND
Chloroform	2	6	ND	Methanol	20	60	ND
Cyclohexane	129	388	ND	2-Methylbutane	10	29	ND
1,2-Dichloroethane	0.5	1	ND	Methylene Chloride	20	60	ND
1,2-Dimethoxyethane	4	10	ND	2-Methylpentane	2	6	ND
Dimethyl Sulfoxide	167	500	ND	3-Methylpentane	2	6	ND
N,N-Dimethylacetamide	37	109	ND	n-Pentane	33	100	ND
2,2-Dimethylbutane	2	6	ND	1-Pentanol	167	500	ND
2,3-Dimethylbutane	2	6	ND	n-Propane	33	100	ND
N,N-Dimethylformamide	30	88	ND	1-Propanol	167	500	ND
2,2-Dimethylpropane	167	500	ND	Pyridine	7	20	ND
1,4-Dioxane	13	38	ND	Tetrahydrofuran	24	72	ND
Ethanol	167	500	ND	Toluene	6	18	ND
2-Ethoxyethanol	6	16	ND	Trichloroethylene	3	8	ND
Ethyl Acetate	33	100	ND	Xylenes (o-, m-, and p-)	14	43	ND
Ethyl Ether	167	500	ND				
Ethylbenzene	3	7	ND				

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Generated By: Scott Caudill
Laboratory Manager
Date: 05/19/2026

Tested By: Kelsey Rogers
Scientist
Date: 05/08/2026

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