



New Bloom Labs
6121 Heritage Park Dr.
Chattanooga, TN 37416

(844) 837-8223
http://newbloomlabs.com
Lic# AT-2868

Regulatory Compliance Testing

1 of 4

4:1 Tincture

Sample ID: 2507NBL0398.1158

Matrix: Ingestible

Type: Tincture

Sample Size:

Received: 07/21/2025

Completed: 08/04/2025

Batch#: CBD - 43757 THCA - 47547

Client

FarmToMed

Lic. #

502 N. Market St.

Chattanooga, TN 37405



Summary

Test	Date Tested	Result
Cannabinoids	07/21/2025	Pass
Residual Solvents	07/29/2025	Pass
Microbials	07/29/2025	Pass
Mycotoxins	07/29/2025	Pass
Pesticides	07/29/2025	Pass
Heavy Metals	07/29/2025	Pass

Cannabinoids

Pass

122.949 mg/unit

Total THC

0.112%

Compliance Result

428.897 mg/unit

Total CBD

634.002 mg/unit

Total Cannabinoids

Analyte	LOD	LOQ	Result	Result	Result	MU
	mg/unit	mg/unit	mg/unit	mg/g	%	mg/g
(6aR,9R)-d10-THC	5.1721	7.758	ND	ND	ND	±0
9R-HHC	5.1721	7.758	ND	ND	ND	±0
(6aR,9S)-d10-THC	5.1721	7.758	ND	ND	ND	±0
9S-HHC	5.1721	7.758	ND	ND	ND	±0
CBC	5.1721	7.758	<LOQ	<LOQ	<LOQ	±0
CBCa	5.1721	7.758	10.137	0.18	0.0183	±0
CBD	5.1721	7.758	84.616	1.53	0.1529	±0.015
CBDa	5.1721	7.758	392.566	7.09	0.7093	±0.035
CBDV	5.1721	7.758	ND	ND	ND	±0
CBDVa	5.1721	7.758	ND	ND	ND	±0
CBG	5.1721	7.758	ND	ND	ND	±0
CBGa	5.1721	7.758	16.137	0.29	0.0292	±0.001
CBN	5.1721	7.758	ND	ND	ND	±0
CBNa	5.1721	7.758	ND	ND	ND	±0
Δ8-THC	5.1721	7.758	ND	ND	ND	±0
Δ9-THC	5.1721	7.758	68.790	1.24	0.1243	±0.124
THCa	5.1721	7.758	61.755	1.12	0.1116	±0.112
THCp	5.1721	7.758	ND	ND	ND	±0
THCV	5.1721	7.758	ND	ND	ND	±0
THCVa	5.1721	7.758	ND	ND	ND	±0
Total THC			122.949	2.222	0.222	
Total CBD			428.897	7.750	0.775	
Total			634.002	11.456	1.146	

Date Tested: 07/21/2025

1 mL = 0.938 g 55.342g

1 Unit = 2 fl oz; Testing Method: HPLC, CON-P-3000Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; LOD = Limit of Detection, ND = Not DetectedTotal THC Measurement of Uncertainty: ± 0.040%, Total CBD Measurement of Uncertainty: ± 2.000%



Ashley N Phillips

Ashley Phillips
Laboratory Director
08/04/2025

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Pesticides

Pass

Analyte	LOQ	LOD	Limit	Result	MU	Status	Analyte	LOQ	LOD	Limit	Result	MU	Status
	PPM	PPM	PPM	PPM	PPM			PPM	PPM	PPM	PPM	PPM	
Abamectin	0.103	0.030	0.500	ND	±0	Pass	Hexythiazox	0.099	0.030	1.000	ND	±0	Pass
Acephate	0.099	0.030	0.400	ND	±0	Pass	Imazalil	0.099	0.030	0.200	ND	±0	Pass
Acequinocyl	0.099	0.030	2.000	ND	±0	Pass	Imidacloprid	0.099	0.030	0.400	ND	±0	Pass
Acetamiprid	0.099	0.030	0.200	ND	±0	Pass	Kresoxim	0.099	0.030	0.400	ND	±0	Pass
Aldicarb	0.099	0.030	0.400	ND	±0	Pass	Methyl						
Azoxystrobin	0.099	0.030	0.200	ND	±0	Pass	Malathion	0.099	0.030	0.200	ND	±0	Pass
Bifenazate	0.099	0.030	0.200	ND	±0	Pass	Metalaxyl	0.099	0.030	0.200	ND	±0	Pass
Bifenthrin	0.099	0.030	0.200	ND	±0	Pass	Methiocarb	0.099	0.030	0.200	ND	±0	Pass
Boscalid	0.099	0.030	0.400	ND	±0	Pass	Methomyl	0.099	0.030	0.400	ND	±0	Pass
Carbaryl	0.099	0.030	0.200	ND	±0	Pass	Myclobutanil	0.099	0.030	0.200	ND	±0	Pass
Carbofuran	0.099	0.030	0.200	ND	±0	Pass	Naled	0.247	0.075	0.500	ND	±0	Pass
Chlorantraniliprole	0.099	0.030	0.200	ND	±0	Pass	Oxamyl	0.099	0.030	1.000	ND	±0	Pass
Chlorfenapyr	0.079	0.030	1.000	ND	±0	Pass	Paclobutrazol	0.099	0.030	0.400	ND	±0	Pass
Chlormequat	0.099	0.030	0.200	ND	±0	Pass	Methyl						
Chlorpyrifos	0.099	0.030	0.200	ND	±0	Pass	Parathion	0.079	0.030	0.200	ND	±0	Pass
Clofentezine	0.099	0.030	0.200	ND	±0	Pass	Permethrins	0.099	0.030	0.200	ND	±0	Pass
Cyfluthrin	0.493	0.148	1.000	ND	±0	Pass	Phosmet	0.099	0.030	0.200	ND	±0	Pass
Cypermethrin	0.493	0.148	1.000	ND	±0	Pass	Piperonyl						
Daminozide	0.986	0.296	1.000	ND	±0	Pass	Butoxide	0.099	0.030	2.000	ND	±0	Pass
Diazinon	0.099	0.030	0.200	ND	±0	Pass	Prallethrin	0.099	0.030	0.200	ND	±0	Pass
Dichlorvos	0.049	0.016	0.100	ND	±0	Pass	Propiconazole	0.099	0.030	0.400	ND	±0	Pass
Dimethoate	0.099	0.030	0.200	ND	±0	Pass	Propoxur	0.099	0.030	0.200	ND	±0	Pass
Ethoprophos	0.099	0.030	0.200	ND	±0	Pass	Pyrethrins	0.493	0.148	1.000	ND	±0	Pass
Etofenprox	0.099	0.030	0.400	ND	±0	Pass	Pyridaben	0.099	0.030	0.200	ND	±0	Pass
Etoxazole	0.099	0.030	0.200	ND	±0	Pass	Spinosad	0.101	0.030	0.200	ND	±0	Pass
Fenoxycarb	0.099	0.030	0.200	ND	±0	Pass	Spiromesifen	0.099	0.030	0.200	ND	±0	Pass
Fenpyroximate	0.099	0.030	0.400	ND	±0	Pass	Spirotetramat	0.099	0.030	0.200	ND	±0	Pass
Fipronil	0.099	0.030	0.400	ND	±0	Pass	Spiroxamine	0.099	0.030	0.400	ND	±0	Pass
Flonicamid	0.099	0.030	1.000	ND	±0	Pass	Tebuconazole	0.099	0.030	0.400	ND	±0	Pass
Fludioxonil	0.099	0.030	0.400	ND	±0	Pass	Thiacloprid	0.099	0.030	0.200	ND	±0	Pass
							Thiamethoxam	0.099	0.030	0.200	ND	±0	Pass
							Trifloxystrobin	0.099	0.030	0.200	ND	±0	Pass

Date Tested: 07/29/2025

Testing Method: LC/MS/MS CON-P-5000; GC/MS/MS CON-P-12000



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Microbials

Pass

Analyte	LOD	Result	Status
	Cq	Cq	
Shiga toxin-producing E. Coli	31.62	ND	Pass
Salmonella	31.73	ND	Pass

Method of Analysis: qPCR, CON-P-6000

Date Tested: 07/29/2025

CFU = Colony Forming Units, Cq = Quantification Cycle, ND = Not Detected, LOD = Limit of Detection, ND = Not Detected

Mycotoxins

Pass

Analyte	LOD	LOQ	Limit	Result	MU	Status
	PPB	PPB	PPB	PPB	PPM	
B1	2	5		ND	±0	Tested
B2	2	5		ND	±0	Tested
G1	2	5		ND	±0	Tested
G2	2	5		ND	±0	Tested
Total Aflatoxins	2	5	20	ND	±0	Pass
Ochratoxin A	6	20	20	ND	±0	Pass

Date Tested: 07/29/2025

Testing Method: LC/MS/MS, CON-P-5000

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Result	MU	Status
	PPM	PPM	PPM	PPM	PPM	
Arsenic	0.049	0.099	0.400	ND	±0	Pass
Cadmium	0.049	0.099	0.400	ND	±0	Pass
Lead	0.049	0.099	1.000	ND	±0	Pass
Mercury	0.049	0.099	1.200	ND	±0	Pass

Date Tested: 07/29/2025

Testing Method: ICP/MS, CON-P-7000



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Residual Solvents

Analyte	LOD	LOQ	Limit	Result	MU	Status
	PPM	PPM	PPM	PPM	PPM	
Acetone	89.286	297.619	1000.000	ND	±0	Pass
Benzene	0.357	1.190	2.000	ND	±0	Pass
n-Butane	82.143	273.810		ND	±0	Tested
Isobutane	82.143	273.810		ND	±0	Tested
Butanes			1000.000	ND	±0	Pass
Ethanol	89.286	297.619	1000.000	ND	±0	Pass
Ethyl Acetate	89.286	297.619	1000.000	ND	±0	Pass
Heptane	89.286	297.619	1000.000	ND	±0	Pass
n-Hexane	1.786	5.952		ND	±0	Tested
2,2-Dimethylbutane	1.786	5.952		ND	±0	Tested
3-Methylpentane	1.786	5.952		ND	±0	Tested
2-Methylpentane/2,3-Dimethylbutane	3.571	11.905		ND	±0	Tested
Hexanes			60.000	ND	±0	Pass
Methanol	35.714	119.048	600.000	ND	±0	Pass
Isopentane	82.143	273.810		ND	±0	Tested
n-Pentane	35.714	119.048		ND	±0	Tested
Neopentane	82.143	273.810		ND	±0	Tested
Pentanes			1000.000	ND	±0	Pass
2-Propanol	89.286	297.619	1000.000	ND	±0	Pass
Propane	357.143	1190.476	1000.000	ND	±0	Pass
Toluene	0.179	0.595	180.000	ND	±0	Pass
Ethylbenzene	0.179	0.595		ND	±0	Tested
m/p-Xylene	0.179	0.595		ND	±0	Tested
o-Xylene	0.179	0.595		ND	±0	Tested
Xylenes			430.000	ND	±0	Pass

Date Tested: 07/29/2025

Testing Method: HS-GC/MS, CON-P-8000, Butanes (measured as the cumulative sum of n-Butane and iso-Butane), Hexanes (measured as the cumulative sum of n-Hexane, 2,2-Dimethylbutane, 3-Methylpentane, 2-Methylpentane/2,3-Dimethylbutane), Pentanes (measured as the cumulative sum of iso-Pentane, n-Pentane, and neo-Pentane), Xylenes (measured as the cumulative sum of m/p-Xylene, o-Xylenes, and ethylbenzene)



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