



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

Elderberry 5g

Sample ID: 2508NBL0629.1825

Matrix: Ingestible

Type: Soft Chew

Sample Size:

Received: 08/25/2025

Completed: 09/04/2025

Batch#: g2523402

Client

Botanicanna

305 E Business Hwy 151

Suite A Platteville, WI 53818



Summary

Test	Date Tested	Result
Cannabinoids	08/25/2025	Pass
Residual Solvents	08/28/2025	Pass
Microbials	08/28/2025	Pass
Mycotoxins	08/28/2025	Pass
Pesticides	08/28/2025	Pass
Heavy Metals	08/28/2025	Pass

Cannabinoids

Pass

1.652 mg/unit

Total THC

0.028%

Compliance Result

19.191 mg/unit

Total CBD

37.892 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	0.2631	0.395	ND	ND	ND	±0
9R-HHC	0.2631	0.395	ND	ND	ND	±0
(6aR,9S)-d10-THC	0.2631	0.395	ND	ND	ND	±0
9S-HHC	0.2631	0.395	ND	ND	ND	±0
CBC	0.2631	0.395	ND	ND	ND	±0
CBCa	0.2631	0.395	ND	ND	ND	±0
CBD	0.2631	0.395	19.191	3.65	0.3647	±0.036
CBDa	0.2631	0.395	ND	ND	ND	±0
CBDV	0.2631	0.395	ND	ND	ND	±0
CBDVa	0.2631	0.395	ND	ND	ND	±0
CBG	0.2631	0.395	ND	ND	ND	±0
CBGa	0.2631	0.395	ND	ND	ND	±0
CBN	0.2631	0.395	17.049	3.24	0.3240	±0.016
CBNa	0.2631	0.395	ND	ND	ND	±0
Δ8-THC	0.2631	0.395	ND	ND	ND	±0
Δ9-THC	0.2631	0.395	1.652	0.31	0.0314	±0.031
THCa	0.2631	0.395	ND	ND	ND	±0
THCp	0.2631	0.395	ND	ND	ND	±0
THCV	0.2631	0.395	ND	ND	ND	±0
THCVa	0.2631	0.395	ND	ND	ND	±0
Total THC			1.652	0.314	0.031	
Total CBD			19.191	3.647	0.365	
Total			37.892	7.201	0.720	

Date Tested: 08/25/2025

Unit Mass: 5.262 g, 1 Unit = 1 Gummy

Testing Method: HPLC, CON-P-3000

Total THC = THCa * 0.877 + Δ9-THC; Total CBD = CBDa * 0.877 + CBD; LOQ = Limit of Quantitation; LOD = Limit of Detection, ND = Not Detected

Total THC Measurement of Uncertainty: ± 0.040%, Total CBD Measurement of Uncertainty: ± 2.000%



Ashley N Phillips

Ashley Phillips
Laboratory Director
09/04/2025

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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	0.095	0.027	0.500	ND	±0	Pass	Hexythiazox	0.091	0.027	1.000	ND	±0	Pass
Acephate	0.091	0.027	0.400	ND	±0	Pass	Imazalil	0.091	0.027	0.200	ND	±0	Pass
Acequinocyl	0.091	0.027	2.000	ND	±0	Pass	Imidacloprid	0.091	0.027	0.400	ND	±0	Pass
Acetamiprid	0.091	0.027	0.200	ND	±0	Pass	Kresoxim	0.091	0.027	0.400	ND	±0	Pass
Aldicarb	0.091	0.027	0.400	ND	±0	Pass	Methyl						
Azoxystrobin	0.091	0.027	0.200	ND	±0	Pass	Malathion	0.091	0.027	0.200	ND	±0	Pass
Bifenazate	0.091	0.027	0.200	ND	±0	Pass	Metalaxyl	0.091	0.027	0.200	ND	±0	Pass
Bifenthrin	0.091	0.027	0.200	ND	±0	Pass	Methiocarb	0.091	0.027	0.200	ND	±0	Pass
Boscalid	0.091	0.027	0.400	ND	±0	Pass	Methomyl	0.091	0.027	0.400	ND	±0	Pass
Carbaryl	0.091	0.027	0.200	ND	±0	Pass	Myclobutanil	0.091	0.027	0.200	ND	±0	Pass
Carbofuran	0.091	0.027	0.200	ND	±0	Pass	Naled	0.227	0.069	0.500	ND	±0	Pass
Chlorantraniliprole	0.091	0.027	0.200	ND	±0	Pass	Oxamyl	0.091	0.027	1.000	ND	±0	Pass
Chlorfenapyr	0.073	0.027	1.000	ND	±0	Pass	Paclobutrazol	0.091	0.027	0.400	ND	±0	Pass
Chlormequat	0.091	0.027	0.200	ND	±0	Pass	Methyl						
Chlorpyrifos	0.091	0.027	0.200	ND	±0	Pass	Parathion	0.073	0.027	0.200	ND	±0	Pass
Clofentezine	0.091	0.027	0.200	ND	±0	Pass	Permethrins	0.091	0.027	0.200	ND	±0	Pass
Cyfluthrin	0.455	0.136	1.000	ND	±0	Pass	Phosmet	0.091	0.027	0.200	ND	±0	Pass
Cypermethrin	0.455	0.136	1.000	ND	±0	Pass	Piperonyl	0.091	0.027	2.000	ND	±0	Pass
Daminozide	0.909	0.273	1.000	ND	±0	Pass	Butoxide						
Diazinon	0.091	0.027	0.200	ND	±0	Pass	Prallethrin	0.091	0.027	0.200	ND	±0	Pass
Dichlorvos	0.045	0.015	0.100	ND	±0	Pass	Propiconazole	0.091	0.027	0.400	ND	±0	Pass
Dimethoate	0.091	0.027	0.200	ND	±0	Pass	Propoxur	0.091	0.027	0.200	ND	±0	Pass
Ethoprophos	0.091	0.027	0.200	ND	±0	Pass	Pyrethrins	0.455	0.136	1.000	ND	±0	Pass
Etofenprox	0.091	0.027	0.400	ND	±0	Pass	Pyridaben	0.091	0.027	0.200	ND	±0	Pass
Etoxazole	0.091	0.027	0.200	ND	±0	Pass	Spinosad	0.093	0.027	0.200	ND	±0	Pass
Fenoxycarb	0.091	0.027	0.200	ND	±0	Pass	Spiromesifen	0.091	0.027	0.200	ND	±0	Pass
Fenpyroximate	0.091	0.027	0.400	ND	±0	Pass	Spirotetramat	0.091	0.027	0.200	ND	±0	Pass
Fipronil	0.091	0.027	0.400	ND	±0	Pass	Spiroxamine	0.091	0.027	0.400	ND	±0	Pass
Flonicamid	0.091	0.027	1.000	ND	±0	Pass	Tebuconazole	0.091	0.027	0.400	ND	±0	Pass
Fludioxonil	0.091	0.027	0.400	ND	±0	Pass	Thiacloprid	0.091	0.027	0.200	ND	±0	Pass
							Thiamethoxam	0.091	0.027	0.200	ND	±0	Pass
							Trifloxystrobin	0.091	0.027	0.200	ND	±0	Pass

Date Tested: 08/28/2025

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: 08/28/2025

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	1	5		ND	±0	Tested
B2	1	5		ND	±0	Tested
G1	1	5		ND	±0	Tested
G2	1	5		ND	±0	Tested
Total Aflatoxins	1	5	20	ND	±0	Pass
Ochratoxin A	5	18	20	ND	±0	Pass

Date Tested: 08/28/2025

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

Heavy Metals

Pass

Analyte	LOD	LOQ	Limit	Result	MU	Status
	PPM	PPM	PPM	PPM	PPM	
Arsenic	0.046	0.092	0.400	ND	±0	Pass
Cadmium	0.046	0.092	0.400	ND	±0	Pass
Lead	0.046	0.092	1.000	ND	±0	Pass
Mercury	0.046	0.092	1.200	ND	±0	Pass

Date Tested: 08/28/2025

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	69.444	231.481	1000.000	ND	±0	Pass
Benzene	0.278	0.926	2.000	ND	±0	Pass
n-Butane	63.889	212.963		ND	±0	Tested
Isobutane	63.889	212.963		ND	±0	Tested
Butanes			1000.000	ND	±0	Pass
Ethanol	69.444	231.481	5000.000	<LOQ	±0	Pass
Ethyl Acetate	69.444	231.481	1000.000	ND	±0	Pass
Heptane	69.444	231.481	1000.000	ND	±0	Pass
n-Hexane	1.389	4.630		ND	±0	Tested
2,2-Dimethylbutane	1.389	4.630		ND	±0	Tested
3-Methylpentane	1.389	4.630		ND	±0	Tested
2-Methylpentane/2,3-Dimethylbutane	2.778	9.259		ND	±0	Tested
Hexanes			60.000	ND	±0	Pass
Methanol	27.778	92.593	600.000	ND	±0	Pass
Isopentane	63.889	212.963		ND	±0	Tested
n-Pentane	27.778	92.593		ND	±0	Tested
Neopentane	63.889	212.963		ND	±0	Tested
Pentanes			1000.000	ND	±0	Pass
2-Propanol	69.444	231.481	1000.000	ND	±0	Pass
Propane	277.778	925.926	1000.000	ND	±0	Pass
Toluene	0.139	0.463	180.000	ND	±0	Pass
Ethylbenzene	0.139	0.463		ND	±0	Tested
m/p-Xylene	0.139	0.463		ND	±0	Tested
o-Xylene	0.139	0.463		ND	±0	Tested
Xylenes			430.000	ND	±0	Pass

Date Tested: 08/28/2025

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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