

Blackberry Hemp Based THC Beverage

Sample ID: 2507NBL0440.1276
Matrix: Ingestible
Type: Beverage
Sample Size:

Received: 07/28/2025
Completed: 08/04/2025
Batch#: 25144

Client
Production Hemp Agricultural Research Management, PHARM
Lic. #
2580 Hwy 42 W
Bedford, KY 40006



Summary

Test	Date Tested	Result
Cannabinoids	07/28/2025	Complete
Residual Solvents	07/28/2025	Complete
Microbials	07/28/2025	Complete
Mycotoxins	07/28/2025	Complete
Pesticides	07/28/2025	Complete
Heavy Metals	07/28/2025	Complete
Foreign Matter	07/28/2025	Not Detected

Cannabinoids

Complete

4.682 mg/unit Total THC	0.0013% Δ9-THC	ND Total CBD	4.682 mg/unit Total Cannabinoids
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Analyte	LOD	LOQ	Result	Result	Result
	mg/unit	mg/unit	mg/unit	mg/g	%
(6aR,9R)-d10-THC	0.8735	1.310	ND	ND	ND
9R-HHC	0.8735	1.310	ND	ND	ND
(6aR,9S)-d10-THC	0.8735	1.310	ND	ND	ND
9S-HHC	0.8735	1.310	ND	ND	ND
CBC	0.8735	1.310	ND	ND	ND
CBCa	0.8735	1.310	ND	ND	ND
CBD	0.8735	1.310	ND	ND	ND
CBDa	0.8735	1.310	ND	ND	ND
CBDV	0.8735	1.310	ND	ND	ND
CBDVa	0.8735	1.310	ND	ND	ND
CBG	0.8735	1.310	ND	ND	ND
CBGa	0.8735	1.310	ND	ND	ND
CBN	0.8735	1.310	ND	ND	ND
CBNa	0.8735	1.310	ND	ND	ND
Δ8-THC	0.8735	1.310	ND	ND	ND
Δ9-THC	0.8735	1.310	4.682	0.01	0.0013
THCa	0.8735	1.310	ND	ND	ND
THCp	0.8735	1.310	ND	ND	ND
THCV	0.8735	1.310	ND	ND	ND
THCVa	0.8735	1.310	ND	ND	ND
Total THC			4.682	0.013	0.001
Total CBD			ND	ND	ND
Total			4.682	0.013	0.001

Date Tested: 07/28/2025
1 mL = 0.987 g 349.398g

1 Unit = 12 fl oz; 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
08/04/2025

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Pesticides

Complete

Analyte	LOQ	LOD	Limit	Result	Status	Analyte	LOQ	LOD	Limit	Result	Status
	PPM	PPM	PPM	PPM			PPM	PPM	PPM	PPM	
Abamectin	0.097	0.028		ND	Tested	Fludioxonil	0.093	0.028		ND	Tested
Acephate	0.093	0.028		ND	Tested	Hexythiazox	0.093	0.028		ND	Tested
Acequinocyl	0.093	0.028		ND	Tested	Imazalil	0.093	0.028		ND	Tested
Acetamiprid	0.093	0.028		ND	Tested	Imidacloprid	0.093	0.028		ND	Tested
Aldicarb	0.093	0.028		ND	Tested	Kresoxim Methyl	0.093	0.028		ND	Tested
Azoxystrobin	0.093	0.028		ND	Tested	Malathion	0.093	0.028		ND	Tested
Bifenazate	0.093	0.028		ND	Tested	Metalaxyl	0.093	0.028		ND	Tested
Bifenthrin	0.093	0.028		ND	Tested	Methiocarb	0.093	0.028		ND	Tested
Boscalid	0.093	0.028		ND	Tested	Methomyl	0.093	0.028		ND	Tested
Captan	0.653	0.196		ND	Tested	Mevinphos	0.093	0.028		ND	Tested
Carbaryl	0.093	0.028		ND	Tested	MGK-264	0.093	0.028		ND	Tested
Carbofuran	0.093	0.028		ND	Tested	Myclobutanil	0.093	0.028		ND	Tested
Chlorantraniliprole	0.093	0.028		ND	Tested	Naled	0.233	0.071		ND	Tested
Chlorfenapyr	0.075	0.028		ND	Tested	Oxamyl	0.093	0.028		ND	Tested
Chlormequat	0.093	0.028		ND	Tested	Paclobutrazol	0.093	0.028		ND	Tested
Chlorpyrifos	0.093	0.028		ND	Tested	Methyl Parathion	0.075	0.028		ND	Tested
Clofentezine	0.093	0.028		ND	Tested	Pentachloronitrobenzene	0.075	0.028		ND	Tested
Coumaphos	0.093	0.028		ND	Tested	Permethrins	0.093	0.028		ND	Tested
Cyfluthrin	0.466	0.140		ND	Tested	Phosmet	0.093	0.028		ND	Tested
Cypermethrin	0.466	0.140		ND	Tested	Piperonyl Butoxide	0.093	0.028		ND	Tested
Daminozide	0.933	0.280		ND	Tested	Prallethrin	0.093	0.028		ND	Tested
Diazinon	0.093	0.028		ND	Tested	Propiconazole	0.093	0.028		ND	Tested
Dichlorvos	0.047	0.015		ND	Tested	Propoxur	0.093	0.028		ND	Tested
Dimethoate	0.093	0.028		ND	Tested	Pyrethrins	0.466	0.140		ND	Tested
Dimethomorph I	0.065	0.021		ND	Tested	Pyridaben	0.093	0.028		ND	Tested
Dimethomorph II	0.024	0.007		ND	Tested	Spinetoram	0.093	0.028		ND	Tested
Ethoprophos	0.093	0.028		ND	Tested	Spinosad	0.093	0.028		ND	Tested
Etofenprox	0.093	0.028		ND	Tested	Spiromesifen	0.093	0.028		ND	Tested
Etoxazole	0.093	0.028		ND	Tested	Spirotetramat	0.093	0.028		ND	Tested
Fenhexamid	0.093	0.028		ND	Tested	Spiroxamine	0.093	0.028		ND	Tested
Fenoxycarb	0.093	0.028		ND	Tested	Tebuconazole	0.093	0.028		ND	Tested
Fenpyroximate	0.093	0.028		ND	Tested	Thiacloprid	0.093	0.028		ND	Tested
Fipronil	0.093	0.028		ND	Tested	Thiamethoxam	0.093	0.028		ND	Tested
Flonicamid	0.093	0.028		ND	Tested	Trifloxystrobin	0.093	0.028		ND	Tested

Date Tested: 07/28/2025

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



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Microbials

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Analyte	LOD	Result	Status
	Cq	Cq	
Shiga toxin-producing E. Coli	31.62	ND	Tested
Salmonella	31.73	ND	Tested
Aspergillus spp. (A. flavus, A. fumigatus, A. terreus, A. niger)	29.78	ND	Tested

Method of Analysis: qPCR, CON-P-6000

Analyte	LOD	Result	Status
	CFU/g	CFU/g	
Aerobic Bacteria	10	ND	Tested
Enterobacteriaceae	10	ND	Tested
Coliforms	10	ND	Tested
Yeast & Mold	10	ND	Tested

Method of Analysis: Petrifilm, CON-P-9000

Date Tested: 07/28/2025

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

Mycotoxins

Complete

Analyte	LOD	LOQ	Limit	Result	Status
	PPB	PPB	PPB	PPB	
B1	1	5		ND	Tested
B2	1	5		ND	Tested
G1	1	5		ND	Tested
G2	1	5		ND	Tested
Total Aflatoxins	1	5		ND	Tested
Ochratoxin A	6	19		ND	Tested

Date Tested: 07/28/2025

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

Heavy Metals

Complete

Analyte	LOD	LOQ	Limit	Result	Status
	PPM	PPM	PPM	PPM	
Arsenic	0.049	0.097		ND	Tested
Cadmium	0.049	0.097		ND	Tested
Lead	0.049	0.097		ND	Tested
Mercury	0.049	0.097		ND	Tested
Palladium	0.049	0.244		ND	Tested
Selenium	0.049	0.097		ND	Tested

Date Tested: 07/28/2025

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



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Residual Solvents

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Analyte	LOD PPM	LOQ PPM	Limit PPM	Result PPM	Status
Acetone	78.125	260.417		ND	Tested
Benzene	0.313	1.042		ND	Tested
n-Butane	71.875	239.583		ND	Tested
Isobutane	71.875	239.583		ND	Tested
Ethanol	78.125	260.417		366.036	Tested
Ethyl Acetate	78.125	260.417		ND	Tested
Heptane	78.125	260.417		ND	Tested
n-Hexane	1.563	5.208		ND	Tested
2,2-Dimethylbutane	1.563	5.208		ND	Tested
3-Methylpentane	1.563	5.208		ND	Tested
2-Methylpentane/2,3-Dimethylbutane	3.125	10.417		ND	Tested
Methanol	31.250	104.167		ND	Tested
Isopentane	71.875	239.583		ND	Tested
n-Pentane	31.250	104.167		ND	Tested
Neopentane	71.875	239.583		ND	Tested
2-Propanol	78.125	260.417		ND	Tested
Propane	312.500	1041.667		ND	Tested
Toluene	0.156	0.521		ND	Tested
Ethylbenzene	0.156	0.521		ND	Tested
m/p-Xylene	0.156	0.521		ND	Tested
o-Xylene	0.156	0.521		ND	Tested

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Testing Method: HS-GC/MS, CON-P-8000



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