

11711 HERMITAGE ROAD, SUITE #5  
 LITTLE ROCK, AR 72211  
 License #: BL157155  
 Phone: 501-516-8028

# Certificate of Analysis

**Client Name:** Beyond Organic Nutritionals  
**Address:** 5488 Country Rd. 333 Koshkonong, MO 65692  
**Phone:** (417) 264-3166  
**License Number:**

**Sample ID:** AR8736  
**Sample Name:** Organic CBD - Relief & Comfort - 20g - Tablets - 30ct  
**Sample Matrix:** Capsule  
**Date Received:** 2/2/2022  
**Batch ID:** 050122211A  
**State ID:**  
**Date Reported:** 2/13/2022  
**Capsule Mass:** 1.25  
**Package Mass:** 35.56  
**Servings:** 30

## Sample Result: PASS



### Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR) | Test ID: #51742

Analyte	%	mg/g	mg/serving	mg/package	LOD (mg/g)	LOQ (mg/g)
CBC	0.143	1.426	1.69	50.688	0.00	0.01
CBD	1.652	16.519	19.58	587.388	0.02	0.05
CBDA	ND	ND	ND	ND	0.01	0.02
CBDV	ND	ND	ND	ND	0.01	0.02
CBG	0.027	0.273	0.324	9.723	0.01	0.04
CBGA	ND	ND	ND	ND	0.01	0.02
CBN	0.012	0.12	0.142	4.272	0.01	0.03
9-THC	0.036	0.365	0.432	12.964	0.02	0.06
delta-8-THC	ND	ND	ND	ND	0.00	0.01
THCA	ND	ND	ND	ND	0.01	0.04
THCV	0.036	0.363	0.43	12.904	0.01	0.02

Total Cannabinoids				
	%	mg/g	mg/serving	mg/package
Total THC:	0.036	0.365	0.433	12.978
Total CBD:	1.652	16.519	19.579	587.374
Total Cannabinoids:	1.907	19.066	22.598	677.939

### Terpenes

Standard terpene analysis utilizing Gas Chromatography – Mass Spectrometry (GC-MS; SOP-069-AR) This method is not included in our ISO accreditation scope. | Test ID: #51743

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
α-Pinene	< LOQ	< LOQ	0.014	0.047
β-Pinene	ND	ND	0.013	0.045
β-myrcene	0.005	0.051	0.013	0.042
Limonene	< LOQ	< LOQ	0.010	0.034
Terpinolene	< LOQ	< LOQ	0.038	0.125
Linalool	ND	ND	0.028	0.093
β-Caryophyllene	0.018	0.179	0.024	0.082
α-Humulene	0.008	0.084	0.017	0.057
Caryophyllene Oxide	< LOQ	< LOQ	0.046	0.155



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Determination of Pass/Fail is based on RULES AND REGULATIONS GOVERNING MEDICAL MARIJUANA REGISTRATION, TESTING, AND LABELING IN ARKANSAS. Steep Hill Arkansas does not use Measurement Uncertainty when determining results. Measurement Uncertainty information is available upon request.



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Total Terpenes	
%	mg/g
0.031	0.31

## Residual Solvents

**PASS**

 Residual solvents and processing chemicals analysis utilizing Headspace Gas Chromatography – Mass Spectrometry (HS-GC-MS; SOP-010-AR) - **Limit units: µg/g** | Test ID: #51745

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
1-Butanol	PASS	ND	5000	4.673	15.577
1-Pentanol	PASS	ND	5000	9.346	31.154
1-Propanol	PASS	ND	5000	4.673	15.577
1,2-Dimethoxyethane	PASS	ND	100	4.673	15.577
1,4-Dioxane	PASS	ND	380	4.673	15.577
2-Butanol	PASS	ND	5000	4.673	15.577
2-Butanone	PASS	ND	5000	4.673	15.577
2-Ethoxyethanol	PASS	ND	160	9.346	31.154
2-Methylbutane	PASS	ND	5000	4.673	15.577
2-Methylpentane	PASS	ND	290	4.673	15.577
2-Propanol (IPA)	PASS	ND	5000	4.673	15.577
2,2-Dimethylbutane	PASS	ND	290	4.673	15.577
2,3-Dimethylbutane	PASS	ND	290	4.673	15.577
3-Methylpentane	PASS	ND	290	4.673	15.577
Acetone	PASS	ND	5000	4.673	15.577
Acetonitrile	PASS	ND	410	4.673	15.577
Benzene	PASS	ND	2	0.302	0.976
n-Butane	PASS	ND	5000	4.673	15.577
Cumene	PASS	ND	70	4.673	15.577
Cyclohexane	PASS	ND	3880	4.673	15.577
Dichloromethane	PASS	< LOQ	600	8.579	28.596
Dimethyl Sulfoxide	PASS	ND	5000	4.673	15.577
Ethanol	PASS	192.592	5000	4.673	15.577
Ethyl Acetate	PASS	ND	5000	4.673	15.577
Ethyl Ether	PASS	ND	5000	4.673	15.577
Ethylene Glycol	PASS	ND	620	33.781	112.618
Ethylene Oxide	PASS	ND	50	4.673	15.577
n-Heptane	PASS	ND	5000	4.673	15.577
n-Hexane	PASS	ND	290	4.673	15.577
Isopropyl Acetate	PASS	ND	5000	4.673	15.577
Methanol	PASS	ND	3000	4.673	15.577
Methylpropane	PASS	ND	5000	4.673	15.577
N,N-Dimethylacetamide	PASS	ND	1090	18.692	62.307
N,N-Dimethylformamide	PASS	ND	880	18.692	62.307
n-Pentane	PASS	ND	5000	4.673	15.577
Propane	PASS	ND	5000	4.673	15.577
Pyridine	PASS	36.786	200	9.346	31.154
Sulfolane	PASS	ND	160	33.781	112.618
Tetrahydrofuran	PASS	ND	720	4.673	15.577
Toluene	PASS	ND	890	4.673	15.577
Xylenes	PASS	ND	2170	18.762	62.586



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## Pesticides

**PASS**

Residual pesticide analysis utilizing Liquid and Gas Chromatography – Mass Spectrometry (LC-MSMS + GC-MSMS; SOP-070-AR + SOP-073-AR) - Limit units: ug/g = ppm | Test ID: #51744

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
Abamectin	PASS	ND	0.500	0.033	0.110
Acephate	PASS	ND	0.400	0.023	0.078
Acequinocyl	PASS	ND	2.000	0.133	0.443
Acetamiprid	PASS	ND	0.200	0.024	0.079
Aldicarb	PASS	ND	0.400	0.016	0.055
Azoxystrobin	PASS	ND	0.200	0.021	0.071
Bifenazate	PASS	ND	0.200	0.015	0.049
Bifenthrin	PASS	ND	0.200	0.034	0.112
Boscalid	PASS	ND	0.400	0.038	0.126
Carbaryl	PASS	ND	0.200	0.014	0.047
Carbofuran	PASS	ND	0.200	0.017	0.056
Chlorantraniliprole	PASS	ND	0.200	0.026	0.087
Chlorfenapyr	PASS	ND	1.000	0.027	0.078
Chlorpyrifos	PASS	ND	0.200	0.024	0.080
Clofentezine	PASS	ND	0.200	0.033	0.111
Cyfluthrin	PASS	ND	1.000	0.041	0.119
Cypermethrin	PASS	ND	1.000	0.041	0.122
Daminozide	PASS	ND	1.000	0.049	0.162
Diazinon	PASS	ND	0.200	0.017	0.057
DDVP (Dichlorvos)	PASS	ND	0.100	0.023	0.076
Dimethoate	PASS	ND	0.200	0.024	0.077
Ethoprophos	PASS	ND	0.200	0.023	0.077
Etofenprox	PASS	ND	0.400	0.033	0.109
Etoxazole	PASS	ND	0.200	0.026	0.088
Fenoxycarb	PASS	ND	0.200	0.021	0.070
Fenpyroximate	PASS	ND	0.400	0.017	0.056
Fipronil	PASS	ND	0.400	0.033	0.110
Flonicamid	PASS	ND	1.000	0.042	0.140
Fludioxonil	PASS	ND	0.400	0.040	0.132
Hexythiazox	PASS	ND	1.000	0.017	0.058
Imazalil	PASS	ND	0.200	0.039	0.129
Imidacloprid	PASS	ND	0.400	0.018	0.061
Kresoxim-methyl	PASS	ND	0.400	0.016	0.054
Malathion	PASS	ND	0.200	0.011	0.037
Metalaxyl	PASS	ND	0.200	0.017	0.055
Methiocarb	PASS	ND	0.200	0.016	0.053
Methomyl	PASS	ND	0.400	0.024	0.080
Methyl parathion	PASS	ND	0.200	0.027	0.078
MGK-264	PASS	ND	0.200	0.008	0.028
Myclobutanil	PASS	ND	0.200	0.020	0.067
Naled	PASS	ND	0.500	0.036	0.119
Oxamyl	PASS	ND	1.000	0.034	0.112
Paclobutrazol	PASS	ND	0.400	0.028	0.094
Permethrins	PASS	ND	0.200	0.025	0.073
Phosmet	PASS	ND	0.200	0.025	0.083
Piperonyl Butoxide	PASS	ND	2.000	0.016	0.055
Prallethrin	PASS	ND	0.200	0.016	0.055
Propiconazole	PASS	ND	0.400	0.012	0.039
Propoxur	PASS	ND	0.200	0.013	0.043
Pyrethrins	PASS	ND	1.000	0.054	0.181
Pyridaben	PASS	ND	0.200	0.027	0.091
Spinosad	PASS	ND	0.200	0.031	0.103
Spiromesifen	PASS	ND	0.200	0.027	0.089
Spirotetramat	PASS	ND	0.200	0.013	0.043
Spiroxamine	PASS	ND	0.400	0.040	0.133
Tebuconazole	PASS	ND	0.400	0.012	0.039
Thiacloprid	PASS	ND	0.200	0.014	0.046
Thiamethoxam	PASS	ND	0.200	0.014	0.046
Trifloxystrobin	PASS	ND	0.200	0.017	0.057



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Brandon Thornton  
Pharm D. Co-Owner & CEO  
Date: 2/13/2022



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