

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: AR5205
Sample Name: Organic CBD - Brain Boost - 20mg - Tablets - 30ct
Sample Matrix: Capsule
Date Received: 10/27/2021
Batch ID: 052922112A
State ID:
Date Reported: 11/2/2021
Capsule Mass: 1.17
Package Mass: 35.07
Servings: 30

Sample Result: PASS



Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR) | Test ID: #29138

Analyte	%	mg/g	mg/serving	mg/package	LOD (mg/g)	LOQ (mg/g)
CBC	0.146	1.461	1.708	51.254	0.00	0.01
CBD	1.583	15.826	18.503	555.09	0.02	0.05
CBDA	ND	ND	ND	ND	0.01	0.01
CBDV	0.026	0.258	0.302	9.051	0.01	0.02
CBG	0.03	0.3	0.35	10.513	0.01	0.04
CBGA	ND	ND	ND	ND	0.01	0.02
CBN	0.012	0.116	0.135	4.063	0.01	0.02
9-THC	0.033	0.328	0.383	11.49	0.02	0.05
delta-8-THC	ND	ND	ND	ND	0.00	0.01
THCA	ND	ND	ND	ND	0.01	0.03
THCV	0.066	0.664	0.777	23.3	0.01	0.02

Total Cannabinoids				
	%	mg/g	mg/serving	mg/package
Total THC:	0.033	0.328	0.383	11.49
Total CBD:	1.583	15.826	18.503	555.09
Total Cannabinoids:	1.895	18.953	22.159	664.761

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: #29139

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
α-Pinene	0.001	0.012	0.015	0.049
β-Pinene	0.001	0.008	0.014	0.047
β-myrcene	0.005	0.045	0.013	0.044
Limonene	ND	ND	0.011	0.035
Terpinolene	ND	ND	0.039	0.131
Linalool	ND	ND	0.029	0.097
β-Caryophyllene	0.009	0.093	0.026	0.086
α-Humulene	0.004	0.039	0.018	0.059
Caryophyllene Oxide	0.007	0.074	0.049	0.162



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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
0.027	0.27

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: #29141

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
1-Butanol	PASS	ND	5000	4.813	16.044
1-Pentanol	PASS	ND	5000	9.626	32.088
1-Propanol	PASS	ND	5000	4.813	16.044
1,2-Dimethoxyethane	PASS	ND	100	4.813	16.044
1,4-Dioxane	PASS	ND	380	4.813	16.044
2-Butanol	PASS	ND	5000	4.813	16.044
2-Butanone	PASS	ND	5000	4.813	16.044
2-Ethoxyethanol	PASS	ND	160	9.626	32.088
2-Methylbutane	PASS	ND	5000	4.813	16.044
2-Methylpentane	PASS	ND	290	4.813	16.044
2-Propanol (IPA)	PASS	ND	5000	4.813	16.044
2,2-Dimethylbutane	PASS	ND	290	4.813	16.044
2,3-Dimethylbutane	PASS	ND	290	4.813	16.044
3-Methylpentane	PASS	ND	290	4.813	16.044
Acetone	PASS	ND	5000	4.813	16.044
Acetonitrile	PASS	ND	410	4.813	16.044
Benzene	PASS	ND	2	0.311	1.006
n-Butane	PASS	ND	5000	4.813	16.044
Cumene	PASS	ND	70	4.813	16.044
Cyclohexane	PASS	ND	3880	4.813	16.044
Dichloromethane	PASS	ND	600	8.836	29.454
Dimethyl Sulfoxide	PASS	ND	5000	4.813	16.044
Ethanol	PASS	ND	5000	4.813	16.044
Ethyl Acetate	PASS	ND	5000	4.813	16.044
Ethyl Ether	PASS	ND	5000	4.813	16.044
Ethylene Glycol	PASS	ND	620	34.794	115.995
Ethylene Oxide	PASS	ND	50	4.813	16.044
n-Heptane	PASS	ND	5000	4.813	16.044
n-Hexane	PASS	ND	290	4.813	16.044
Isopropyl Acetate	PASS	ND	5000	4.813	16.044
Methanol	PASS	ND	3000	4.813	16.044
Methylpropane	PASS	ND	5000	4.813	16.044
N,N-Dimethylacetamide	PASS	ND	1090	19.253	64.176
N,N-Dimethylformamide	PASS	ND	880	19.253	64.176
n-Pentane	PASS	ND	5000	4.813	16.044
Propane	PASS	ND	5000	4.813	16.044
Pyridine	PASS	ND	200	9.626	32.088
Sulfolane	PASS	ND	160	34.794	115.995
Tetrahydrofuran	PASS	ND	720	4.813	16.044
Toluene	PASS	ND	890	4.813	16.044
Xylenes	PASS	ND	2170	19.325	64.463



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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: #29140

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	0.024	0.078
Acequinocyl	PASS	ND	2.000	0.134	0.445
Acetamiprid	PASS	ND	0.200	0.024	0.079
Aldicarb	PASS	ND	0.400	0.017	0.055
Azoxystrobin	PASS	ND	0.200	0.021	0.071
Bifenazate	PASS	ND	0.200	0.015	0.050
Bifenthrin	PASS	ND	0.200	0.034	0.112
Boscalid	PASS	ND	0.400	0.038	0.127
Carbaryl	PASS	ND	0.200	0.014	0.048
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	0.081
Clofentezine	PASS	ND	0.200	0.033	0.112
Cyfluthrin	PASS	ND	1.000	0.041	0.119
Cypermethrin	PASS	ND	1.000	0.041	0.123
Daminozide	PASS	ND	1.000	0.049	0.163
Diazinon	PASS	ND	0.200	0.017	0.058
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	0.110
Etoazole	PASS	ND	0.200	0.027	0.088
Fenoxycarb	PASS	ND	0.200	0.021	0.070
Fenpyroximate	PASS	ND	0.400	0.017	0.057
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	0.133
Hexythiazox	PASS	ND	1.000	0.018	0.058
Imazalil	PASS	ND	0.200	0.039	0.130
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	0.038
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	0.120
Oxamyl	PASS	ND	1.000	0.034	0.113
Paclobutrazol	PASS	ND	0.400	0.028	0.095
Permethrins	PASS	ND	0.200	0.025	0.073
Phosmet	PASS	ND	0.200	0.025	0.084
Piperonyl Butoxide	PASS	ND	2.000	0.016	0.055
Prallethrin	PASS	ND	0.200	0.017	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	0.055	0.182
Pyridaben	PASS	ND	0.200	0.027	0.091
Spinosad	PASS	ND	0.200	0.031	0.104
Spiromesifen	PASS	ND	0.200	0.027	0.090
Spirotetramat	PASS	ND	0.200	0.013	0.044
Spiroxamine	PASS	ND	0.400	0.040	0.133
Tebuconazole	PASS	ND	0.400	0.012	0.040
Thiacloprid	PASS	ND	0.200	0.014	0.047
Thiamethoxam	PASS	ND	0.200	0.014	0.047
Trifloxystrobin	PASS	ND	0.200	0.017	0.057



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Brandon Thornton
Pharm D. Co-Owner & CEO
Date: 11/2/2021



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