

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: AR3064
Sample Name: Organic CBD - 20mg - Tablets - 30ct
Sample Matrix: Capsule
Date Received: 8/30/2021
Batch ID: 051682112A
State ID:
Date Reported: 9/3/2021
Capsule Mass: 1.12
Package Mass: 33.72
Servings: 30

Sample Result: PASS



Cannabinoids

Standard potency analysis utilizing Ultra High Performance Liquid Chromatography (UHPLC; SOP-068-AR) | Test ID: #16942

Analyte	%	mg/g	mg/serving	mg/package	LOD (mg/g)	LOQ (mg/g)
CBC	0.184	1.841	2.07	62.098	0.00	0.01
CBD	2.329	23.294	26.186	785.568	0.01	0.04
CBDA	ND	ND	ND	ND	0.01	0.01
CBDV	0.016	0.163	0.183	5.5	0.01	0.02
CBG	0.03	0.297	0.334	10.02	0.01	0.03
CBGA	ND	ND	ND	ND	0.01	0.02
CBN	0.016	0.16	0.18	5.412	0.01	0.02
9-THC	0.061	0.614	0.69	20.707	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	0.012	0.123	0.139	4.156	0.01	0.02

Total Cannabinoids				
	%	mg/g	mg/serving	mg/package
Total THC:	0.061	0.614	0.69	20.707
Total CBD:	2.329	23.294	26.186	785.568
Total Cannabinoids:	2.649	26.494	29.782	893.461

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: #16943

Analyte	Result (%)	Result (mg/g)	LOD (mg/g)	LOQ (mg/g)
α-Pinene	0.003	0.028	0.012	0.041
β-Pinene	ND	ND	0.011	0.038
β-myrcene	0.006	0.058	0.011	0.036
Limonene	0.003	0.034	0.009	0.029
Terpinolene	0.004	0.043	0.032	0.107
Linalool	0.012	0.117	0.024	0.079
β-Caryophyllene	0.022	0.216	0.021	0.070
α-Humulene	0.009	0.086	0.015	0.049
Caryophyllene Oxide	0.014	0.136	0.040	0.133



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Total Terpenes	
%	mg/g
0.072	0.72

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: #16945

Analyte	Pass/Fail	Result (µg/g)	Limit	LOD (µg/g)	LOQ (µg/g)
1-Butanol	PASS	ND	5000	5.208	17.359
1-Pentanol	PASS	ND	5000	10.416	34.718
1-Propanol	PASS	ND	5000	5.208	17.359
1,2-Dimethoxyethane	PASS	ND	100	5.208	17.359
1,4-Dioxane	PASS	ND	380	5.208	17.359
2-Butanol	PASS	ND	5000	5.208	17.359
2-Butanone	PASS	ND	5000	5.208	17.359
2-Ethoxyethanol	PASS	ND	160	10.416	34.718
2-Methylbutane	PASS	ND	5000	5.208	17.359
2-Methylpentane	PASS	ND	290	5.208	17.359
2-Propanol (IPA)	PASS	ND	5000	5.208	17.359
2,2-Dimethylbutane	PASS	ND	290	5.208	17.359
2,3-Dimethylbutane	PASS	ND	290	5.208	17.359
3-Methylpentane	PASS	ND	290	5.208	17.359
Acetone	PASS	ND	5000	5.208	17.359
Acetonitrile	PASS	ND	410	5.208	17.359
Benzene	PASS	ND	2	0.337	1.088
n-Butane	PASS	ND	5000	5.208	17.359
Cumene	PASS	ND	70	5.208	17.359
Cyclohexane	PASS	ND	3880	5.208	17.359
Dichloromethane	PASS	ND	600	9.561	31.868
Dimethyl Sulfoxide	PASS	ND	5000	5.208	17.359
Ethanol	PASS	ND	5000	5.208	17.359
Ethyl Acetate	PASS	ND	5000	5.208	17.359
Ethyl Ether	PASS	ND	5000	5.208	17.359
Ethylene Glycol	PASS	ND	620	37.646	125.505
Ethylene Oxide	PASS	ND	50	5.208	17.359
n-Heptane	PASS	ND	5000	5.208	17.359
n-Hexane	PASS	ND	290	5.208	17.359
Isopropyl Acetate	PASS	ND	5000	5.208	17.359
Methanol	PASS	ND	3000	5.208	17.359
Methylpropane	PASS	ND	5000	5.208	17.359
N,N-Dimethylacetamide	PASS	ND	1090	20.831	69.437
N,N-Dimethylformamide	PASS	ND	880	20.831	69.437
n-Pentane	PASS	ND	5000	5.208	17.359
Propane	PASS	ND	5000	5.208	17.359
Pyridine	PASS	ND	200	10.416	34.718
Sulfolane	PASS	ND	160	37.646	125.505
Tetrahydrofuran	PASS	ND	720	5.208	17.359
Toluene	PASS	ND	890	5.208	17.359
Xylenes	PASS	ND	2170	20.909	69.748



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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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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: #16944

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	0.133	0.444
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	0.047
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	0.081
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	0.123
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	0.109
Etoazole	PASS	ND	0.200	0.026	0.088
Fenoxycarb	PASS	ND	0.200	0.021	0.070
Fenpyroximate	PASS	ND	0.400	0.017	0.057
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	0.119
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	0.054	0.182
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	0.090
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: 9/3/2021



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