



Certificate of Analysis for

Balanced Health Botanicals
1500 W Hampden Ave, Unit 5G
Sheridan, CO 80110



Received: 8/18/2022 @ 26.9 °C

Broad Spectrum Softgels (4221729)

Sample ID: 2208726-001

AC.1a: AC by mass via AOAC 990.12 (Petrifilm™) Analyzed 08/18/22

Aerobic Plate Count	< 10	CFU/g
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aW.2: aW via AquaLab Tunable Diode Laser Methods Analyzed 08/23/22

Water Activity	0.450	aW
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CBD.1: Cannabinoids via MBL-HPLC2 Analyzed 08/19/22

Cannabichromene (CBC)	< 0.200	mg/softgel	Cannabicitran (CBT)	< 0.200	mg/softgel
Cannabidiol (CBD)	33.2	mg/softgel	Cannabidiolic Acid (CBDA)	< 0.100	mg/softgel
Cannabidivarin (CBDV)	< 0.100	mg/softgel	Cannabigerol (CBG)	< 0.100	mg/softgel
Cannabinol (CBN)	4.69	mg/softgel	Delta - 9 THC (THC)	< 0.100	mg/softgel
Delta 9 - Tetrahydrocannabinolic Acid (THCA-A)	< 0.100	mg/softgel	Potential CBD	4.80	% (g/100g)
Potential THC	< 0.010	% (g/100g)	Tetrahydrocannabivarin (THCV)	< 0.100	mg/softgel

TC.1a: TC by mass via AOAC 991.14, 998.03 (Petrifilm™) Analyzed 08/18/22

Total Coliform Bacteria	< 10	CFU/g
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EC.1a: EC by mass via AOAC 991.14, 998.08 (Petrifilm™) Analyzed 08/18/22

Escherichia coli	< 10	CFU/g
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ICPMS.1: Metals via FDA - EAM:2008 (ICP/MS) Analyzed 08/23/22

Arsenic (As)	< 0.020	mg/kg (ppm)	Cadmium (Cd)	< 0.010	mg/kg (ppm)
Lead (Pb)	< 0.005	mg/kg (ppm)	Mercury (Hg)	< 0.005	mg/kg (ppm)

LMono.2: Listeria monocytogenes via AOAC 121804 (Gene-Up® PCR) Analyzed 08/18/22

Listeria monocytogenes	Negative	/10 g
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Myco.1: Mycotoxins by LC-MS Analyzed 08/19/22

Aflatoxin B1	< 10	µg/kg (ppb)	Aflatoxin B2	< 10	µg/kg (ppb)
Aflatoxin G1	< 10	µg/kg (ppb)	Aflatoxin G2	< 10	µg/kg (ppb)
Ochratoxin A	< 20	µg/kg (ppb)			



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Pest.1: Pesticides by LC/MS/MS (Agilent App - Determination of Pesticides and Mycotoxins) Analyzed 08/19/22

Abamectin (B1a + B1b)	< 50	µg/kg (ppb)	Acephate	< 25	µg/kg (ppb)
Acequinocyl	< 25	µg/kg (ppb)	Acetamiprid	< 10	µg/kg (ppb)
Aldicarb	< 10	µg/kg (ppb)	Azoxystrobin	< 10	µg/kg (ppb)
Bifenazate	< 50	µg/kg (ppb)	Bifenthrin	< 25	µg/kg (ppb)
Boscalid	< 50	µg/kg (ppb)	Carbaryl	< 25	µg/kg (ppb)
Carbofuran	< 25	µg/kg (ppb)	Chlorantraniliprole	< 25	µg/kg (ppb)
Chlorfenapyr	< 100	µg/kg (ppb)	Chlorpyrifos	< 25	µg/kg (ppb)
Clofentezine	< 10	µg/kg (ppb)	Coumaphos	< 10	µg/kg (ppb)
Cyfluthrin (Baythroid)	< 50	µg/kg (ppb)	Cypermethrin	< 50	µg/kg (ppb)
Daminozide	< 25	µg/kg (ppb)	Diazinon	< 10	µg/kg (ppb)
Dibrom (Naled)	< 50	µg/kg (ppb)	Dichlorvos	< 50	µg/kg (ppb)
Dimethoate	< 25	µg/kg (ppb)	Dimethomorph	< 25	µg/kg (ppb)
Ethofenprox	< 10	µg/kg (ppb)	Ethoprophos (Propfos)	< 25	µg/kg (ppb)
Etoxazole	< 25	µg/kg (ppb)	Fenhexamid	< 50	µg/kg (ppb)
Fenoxycarb	< 10	µg/kg (ppb)	Fenpyroximate	< 25	µg/kg (ppb)
Fipronil	< 10	µg/kg (ppb)	Flonicamid	< 25	µg/kg (ppb)
Fludioxonil	< 25	µg/kg (ppb)	Hexythiazox	< 10	µg/kg (ppb)
Imazalil	< 50	µg/kg (ppb)	Imidacloprid	< 10	µg/kg (ppb)
Kresoxim Methyl	< 10	µg/kg (ppb)	Malathion	< 100	µg/kg (ppb)
Metalaxyl	< 25	µg/kg (ppb)	Methiocarb	< 50	µg/kg (ppb)
Methomyl	< 25	µg/kg (ppb)	Oxamyl	< 10	µg/kg (ppb)
Paclobutrazol	< 25	µg/kg (ppb)	Permethrins	< 10	µg/kg (ppb)
Phosdrin (Mevinphos)	< 50	µg/kg (ppb)	Phosmet	< 10	µg/kg (ppb)
Piperonyl Butoxide	< 10	µg/kg (ppb)	Prallethrin	< 25	µg/kg (ppb)
Propiconazole	< 25	µg/kg (ppb)	Propoxur	< 25	µg/kg (ppb)
Pyrethrins	< 50	µg/kg (ppb)	Pyridaben	< 10	µg/kg (ppb)
Spinetoram	< 25	µg/kg (ppb)	Spinosad A	< 10	µg/kg (ppb)
Spinosad D	< 50	µg/kg (ppb)	Spiromesifen	< 25	µg/kg (ppb)
Spirotetramat	< 25	µg/kg (ppb)	Spiroxamine	< 25	µg/kg (ppb)
Systhane (Myclobutanil)	< 50	µg/kg (ppb)	Tebuconazol (Folicur)	< 25	µg/kg (ppb)
Thiacloprid	< 25	µg/kg (ppb)	Thiamethoxam	< 25	µg/kg (ppb)
Trifloxystrobin	< 10	µg/kg (ppb)			



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ResSolv.2: Residual Solvents by Headspace GC/MS (VF-624MS)

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(+/-)-2-Butanol	< 10	ppm	1,1-Dichloroethene	< 5	ppm
1,2-Dichloroethane	< 2	ppm	1,2-Dimethoxyethane	< 10	ppm
1,4-Dioxane	< 25	ppm	1-Butanol	< 50	ppm
1-Pentanol	< 100	ppm	1-Propanol	< 100	ppm
2,2-Dimethylbutane	< 25	ppm	2,3-Dimethylbutane	< 25	ppm
2-Ethoxyethanol	< 75	ppm	2-Methylbutane (Isopentane)	< 75	ppm
2-Methylpentane	< 25	ppm	2-Propanol	< 50	ppm
3-Methylpentane	< 25	ppm	Acetone	< 50	ppm
Acetonitrile	< 50	ppm	Benzene	< 1	ppm
Chloroform	< 10	ppm	Cumene	< 100	ppm
Cyclohexane	< 50	ppm	Diethyl ether	< 50	ppm
Ethanol	< 50	ppm	Ethyl Acetate	< 50	ppm
Ethyl benzene	< 25	ppm	Ethyl Ether	< 100	ppm
Ethylene Glycol	< 100	ppm	Ethylene Oxide	< 50	ppm
Heptane	< 50	ppm	Hexane	< 10	ppm
Isobutane	< 100	ppm	Isopropyl acetate	< 10	ppm
Methanol	< 50	ppm	Methylene Chloride	< 50	ppm
Methylethyl Ketone	< 50	ppm	N,N-Dimethylacetamide	< 100	ppm
N,N-Dimethylformamide	< 10	ppm	n-Butane	< 100	ppm
Neopentane	< 100	ppm	Pentane	< 50	ppm
Propane	< 100	ppm	Pyridine	< 10	ppm
Sulfolane	< 100	ppm	Tetrahydrofuran	< 10	ppm
Toluene	< 50	ppm	Trichloroethene	< 50	ppm
Xylenes (p-, m-, o-)	< 50	ppm			

Salm.1: Salmonella via AOAC 081201, 2013.02 (BAX® PCR)

Analyzed 08/18/22

Salmonella spp. Negative /25 g

STEC.1: E. coli (O157:H7, O26, O45, O103, O111, O121, O145)

via AOAC 091301 (BAX® PCR, STEC Screen) Analyzed 08/18/22

Shiga toxin-producing E. coli Negative /25 g

YM.1a: YM by mass via AOAC RI 121301 (Petrifilm™) Analyzed

08/18/22

Yeast and Mold < 10 CFU/g

Reported By:

Thu D Ly, Chemistry Laboratory Technician, 8/25/2022