

Certificate of Analysis

Product	Organic <i>Agaricus blazei</i>	Botanical Source	<i>Agaricus blazei</i>
Lot Number	AB050320	Product Code	AB*. FS
Date of Manufacture	5-Mar-20	Re-evaluation date	5-Mar-25
Active Ingredients	100% <i>Agaricus blazei</i>		
Plant Part Used	Mushroom		
Origin	USA	Tapped Density	0.86 g/ml
Partical size	90% pass through 60 mesh	Bulk Density	0.65 g/ml

Storage Recommendations Store in a tightly closed container. Avoid extreme variations in temperature

Analysis	Specification	Result	Method
Appearance / Color**	Light Brown Powder	Complies	Visual
Odor	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Identification	Positive	Positive	FTIR/HPTLC
Moisture	≤ 7%	4.95%	AOAC 930.15
Total Plate Count	≤ 100,000 cfu/g	10 cfu/g	AOAC 990.12 / AOAC 966.23
Yeast & Mold	≤ 500 cfu/g	<10 cfu/g	AOAC 997.12 /AOAC 2014.05
Coliform	≤ 500 cfu/g	<10 cfu/g	USP <61>
E.coli	Negative	Negative	USP <62>
Salmonella spp.	Negative	Negative	USP <62>
S.aureus	Negative	Negative	USP <62>
Arsenic*	< 3 ppm	<0.10 ppm	ICP-MS
Cadmium*	< 1 ppm	0.067ppm	ICP-MS
Lead*	< 1 ppm	<0.010 ppm	ICP-MS
Mercury*	< 0.1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	≥ 50 %	62.24%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15%	23.24%	AMI/PS.02.3
Alpha Glucan Content	≤ 5%	0.80%	AMI/PS.02.3
Agaritine	<0.001 mg/g (LDL)	<0.001 mg/g	HPLC

**This is a natural product. Color may vary between each lot due to crop fluctuation and harvest

*Subject to reduce frequency testing.

(LDL) = Lowest detection limit

Note: Please be advised that due to the nature of our product matrix its been determined that Aerobic Plate Count (aka TPC) should be tested via "pour plate" method (AOAC 966.23)."

I certify that this certificate is true and correct to the best of my knowledge

Jackie Tomaroy
Quality Control
Aloha Medicinals
Date of Issue: 12/16/2020



Supersedes COA Dated: 10/13/2020