

Certificate of Analysis

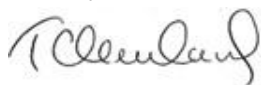
Product	Organic Agaricus blazei	Botanical Source	See active ingredients
Lot Number	AB080125	Product Code	AB *FS
Date of Manufacture	8-Jan-25	Best By Date	8-Jan-30
Plant Part Used	Mushroom	Particle Size	90% through 60 mesh
Active Ingredients	Agaricus blazei	Tapped Density	60% through 100 mesh
		Bulk Density	0.74 g/ml
Origin	USA		0.54 g/ml
Storage Recommendation	Store in a tightly closed container. Avoid extreme variations in temperature		

Analysis	Specification	Result	Method
Appearance / Color**	Brown Powder	Complies	Visual
Odor	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Identification	Positive	Positive	FTIR/HPTLC/Annual DNA
Moisture	≤ 7%	3.57%	AOAC 930.15 / AOAC 964.22 / LOD
Total Plate Count	≤ 100,000 CFU/g	20 CFU/g	AOAC 966.23
Yeast & Mold	< 1,000 CFU/g	80 CFU/g	FDA BAM Chapter 18
Coliform	≤ 500 CFU/g	<10 CFU/g	AOAC 991.14
E.coli	Negative / 10g	Negative / 10g	USP <62> / AOAC 991.14
Salmonella spp.	Negative / 25g	Negative / 25g	USP <62> / AOAC 2004.03
S.aureus	Negative / 10g	Negative / 10g	USP <62> / AOAC 975.55
Listeria	Negative / 25g	Negative / 25g	AOAC 2004.06
Arsenic	< 3 ppm	<0.01 ppm	ICP-MS
Cadmium	< 1 ppm	0.078 ppm	ICP-MS
Lead	< 1 ppm	<0.01 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.005 ppm	ICP-MS
Total Polysaccharide Content	≥50.0%	58.1%	KYGBL
1,3-1,6 Beta Glucan Content	≥25.0%	52.2%	KYGBL
Alpha Glucan Content	≤10.0%	5.9%	KYGBL

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

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



Taryn Cleveland
Food Safety & Sanitation Supervisor
Aloha Medicinals

Date of Issue: 01/21/2025

