

Certificate of Analysis

Product	Organic Grifola frondosa	Botanical Source	<i>Grifola frondosa</i>
Lot Number	GF081018	Product Code	GF.FS
Date of Manufacture	8-Oct-18	Re-Evaluation Date	8-Oct-22
Plant Part Used	Mycelium, primordia, fruiting bodies, and extracellular compounds		
Active Ingredients	100% <i>Grifola frondosa</i>	Tapped Density	0.896 g/ml
Particle Size	90% through a 60 mesh	Bulk Density	0.546 g/ml
		Origin	USA
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
Moisture	≤ 7%	4.52%	AOAC 930.15
Total Plate Count	≤ 10,000 CFU/g	10 CFU/g	AOAC 990.12
Yeast & Mold	≤ 100 CFU/g	<10 CFU/g	AOAC 997.12
Total Coliform Bacteria	< 100 CFU/g	40 CFU/g	USP <61>
E.coli	Negative	Negative in 10g	USP <62>
Salmonella spp.	Negative	Negative in 10g	USP <62>
S.aureus	Negative	Negative in 10g	USP <62>
Arsenic*	< 3 ppm	<0.10 ppm	ICP-MS
Cadmium*	< 1 ppm	<0.050 ppm	ICP-MS
Lead*	< 1 ppm	0.014 ppm	ICP-MS
Mercury*	< 1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	≥ 50 %	59.56%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15%	22.34%	AMI/PS.02.3
Alpha Glucan Content	≤ 5%	0.76%	AMI/PS.02.3

*Subject to reduced frequency testing.

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

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

Jackie Tomaroy

Jackie Tomaroy
Quality Control
Aloha Medicinals
Date of Issue: 11/21/2018

