

# Certificate of Analysis

<b>Product</b>	Organic Grifola frondosa	<b>Botanical Source</b>	<i>Grifola frondosa</i>
<b>Lot Number</b>	GF170720SSS	<b>Product Code</b>	GF*.FS
<b>Date of Manufacture</b>	17-Jul-20	<b>Re-Evaluation Date</b>	17-Jul-25
<b>Plant Part Used</b>	Mushroom		
<b>Active Ingredients</b>	100% <i>Grifola frondosa</i>	<b>Tapped Density</b>	0.83 g/ml
<b>Particle Size</b>	90% through a 60 mesh	<b>Bulk Density</b>	0.59 g/ml
		<b>Origin</b>	USA
<b>Storage Recommendations</b>	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%	1.35%	AOAC 930.15
Total Plate Count	≤ 100,000 CFU/g	260 CFU/g	AOAC 990.12
Yeast & Mold	≤ 500 CFU/g	<10 CFU/g	AOAC 997.02
Total Coliform Bacteria	< 500 CFU/g	<10 CFU/g	USP <61>
E.coli	Negative/ 10g	Negative/ 10g	USP <62>
Salmonella spp.	Negative/ 10g	Negative/ 10g	USP <62>
S.aureus	Negative/ 10g	Negative/ 10g	USP <62>
Arsenic	< 3 ppm	<0.10 ppm	ICP-MS
Cadmium	< 1 ppm	<0.050 ppm	ICP-MS
Lead	< 1 ppm	<0.010 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	≥ 50 %	70.37%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15%	27.79%	AMI/PS.02.3
Alpha Glucan Content	≤ 5%	0.95%	AMI/PS.02.3

\*\*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  
 Quality Control  
 Aloha Medicinals  
 Date of Issue: 10/14/2020



Supersedes COA Dated: 10/09/2020