

Certificate of Analysis

Product	Organic <i>Grifola frondosa</i> Dried Full Spectrum Mushroom Powder	Botanical Source	See active ingredients
Lot Number	GF090425	Product Code	GF *FS
Date of Manufacture	9-Apr-25	Best By Date	9-Apr-30
Plant Part Used	Mushroom	Particle Size	90% through 60 mesh
Active Ingredients	<i>Grifola frondosa</i>		60% through 100 mesh
Origin	USA	Tapped Density	0.76 g/ml
		Bulk Density	0.55 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/HPLC/Annual DNA
Moisture	≤ 7%	1.38%	AOAC 991.02(mod)
Total Plate Count	≤ 100,000 CFU/g	110 CFU/g	AOAC 966.23
Yeast & Mold	< 1,000 CFU/g	<10 CFU/g	FDA BAM 7th ED
Coliform	≤ 500 CFU/g	<10 CFU/g	USP 2022 / AOAC 991.14
E.coli	Negative / 10g	Negative / 10g	USP 2022 / AOAC 991.14
Salmonella spp.	Negative / 25g	Negative / 25g	AOAC 2004.03
S.aureus	Negative / 10g	Negative / 10g	AOAC 975.55
Listeria	Negative / 25g	Negative / 25g	AOAC 2004.06
Arsenic	< 3 ppm	<0.01 ppm	ICP-MS
Cadmium	< 1 ppm	0.054 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%	58.7%	KYGBL
1,3-1,6 Beta Glucan Content	≥25.0%	52.0%	KYGBL
Alpha Glucan Content	≤10.0%	6.6%	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



Courtney Staffen
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Aloha Medicinals
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