Certificate of Analysis

Product	Organic Inonotus obliquus	**Botanical Source**	*See active ingredients*
Lot Number	IO050924SS	**Product Code**	IO
Date of Manufacture	5-Sep-24	**Best By Date**	5-Sep-29
Plant Part Used	Mushroom - Mycelia*	**Particle Size**	90% through 60 mesh 60% through 100 mesh
Active Ingredients	*Inonotus obliquus*		
Growing Substrate	Organic Milo (Sorghum)	**Tapped Density**	0.65 g/ml
Origin	USA	**Bulk Density**	0.43 g/ml
Storage Recommendati	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%	1.12%	AOAC 930.15 / AOAC 964.22 / LOD
Total Plate Count	≤ 100,000 CFU/g	16,000 CFU/g	AOAC 966.23
Yeast & Mold	< 1,000 CFU/g	<10 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	0.012 ppm	ICP-MS
Lead	< 1 ppm	<0.01 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.005 ppm	ICP-MS
Total Polysaccharide Conten	≥50.0%	55.4%	KYGBL
1,3-1,6 Beta Glucan Content	≥25.0%	53.0%	KYGBL
Alpha Glucan Content	≤10.0%	2.4%	KYGBL

*Growing substrate Sorghum

**This is a natural product. Color may vary between each lot due to crop fluctuation, treatment, and harvest
Aloha Medicinals tests all incoming Sorghum lots for Heavy Metals and uses the results from the Sorghum to report on the finished goods COA. Sorghum, the base substrate is the only potential source of Heavy Metals contamination.

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

Jackie Tomaroy

Jackie Tomaroy
Quality & Food Safety Manager

Date of Issue: 12/03/2024