

Certificate of Analysis

Product	<i>Inonotus obliquus</i>	Botanical Source	<i>Inonotus obliquus</i>
Lot Number	IO241018	Product Code	IO.FS
Date of Manufacture	24-Oct-18	Re-evaluation	24-Oct-22
Plant Part Used	Mycelium, primordia, fruiting bodies and extracellular compounds		
Origin	USA		
Active Ingredients	100% <i>Inonotus obliquus</i>	Tapped Density	0.809 g/ml
Partical size	90% pass through 60 mesh	Bulk Density	0.501 g/ml

Storage Recommendations Store in a tightly closed container. Avoid extreme variations in temperature

Analysis	Specification	Result	Method
Appearance / Color**	Light to Dark Brown Powder	Complies	Visual
Odor	Characteristic	Characteristic	Organoleptic
Taste	Characteristic	Characteristic	Organoleptic
Identification	Positive	Positive	FTIR
Moisture	≤ 7%	6.27%	AOAC 930.15
Total Plate Count	≤ 10,000 CFU/g	160 CFU/g	AOAC 990.12
Yeast & Mold	≤ 100 CFU/g	<10 CFU/g	AOAC 2014.05
Total Coliform Bacteria	< 100 CFU/g	<10 CFU/g	USP <61>
E.coli	Negative	Negative /10g	USP <62>
Salmonella spp.	Negative	Negative /10g	USP <62>
S.aureus	Negative	Negative /10g	USP <62>
Arsenic*	< 3 ppm	<0.10 PPM	ICP-MS
Cadmium*	< 1 ppm	<0.050 PPM	ICP-MS
Lead*	< 1 ppm	0.058 PPM	ICP-MS
Mercury*	< 0.1 ppm	<0.020 PPM	ICP-MS
Total Polysaccharide Content	≥ 50 %	59.74%	AMI/PS.02.3
1,3-1,6 Beta Glucan Content	≥ 15%	21.57%	AMI/PS.02.3
Alpha Glucan Content	≤ 5%	1.60%	AMI/PS.02.3

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

*Subject to reduce frequency testing.

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

Jackie Tomaroy
Quality Control
Aloha Medicinals

Date of Issue: 01/07/2019

