

# Certificate of Analysis

<b>Product</b>	Organic Turkey Tail ( <i>Trametes versicolor</i> )	<b>Botanical Source</b>	See active ingredients
		<b>Product Code</b>	TV
<b>Plant Part Used</b>	Mushroom - Mycelia*		90% through 60 mesh
		<b>Particle Size</b>	60% through 100 mesh
<b>Active Ingredients</b>	<i>Trametes versicolor</i>		
<b>Growing Substrate</b>	Organic Milo (Sorghum)	<b>Tapped Density</b>	0.62 g/ml
<b>Origin</b>	USA	<b>Bulk Density</b>	0.42 g/ml
<b>Storage Recommendation</b>	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%	1.46%	AOAC 930.15 / AOAC 964.22 / LOD
Total Plate Count	≤ 100,000 CFU/g	20 CFU/g	AOAC 966.23
Total Yeast	≤ 500 CFU/g	<10 CFU/g	FDA BAM Chapter 18
Total Mold	≤ 500 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 / 10g	Negative / 10g	USP <62> / AOAC 2004.03
S.aureus	Negative / 10g	Negative / 10g	USP <62> / AOAC 975.55
Arsenic	< 3 ppm	<0.10 ppm	ICP-MS
Cadmium	< 1 ppm	0.067 ppm	ICP-MS
Lead	< 1 ppm	0.040 ppm	ICP-MS
Mercury	< 0.1 ppm	<0.020 ppm	ICP-MS
Total Polysaccharide Content	Information Only	75.94%	Total Calculated
1,3-1,6 Beta Glucan Content	Information Only	23.10%	Total Calculated
Alpha Glucan Content	Information Only	1.24%	Total Calculated

\*Growing substrate Sorghum

\*\*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

