NutraNorth®

CERTIFICATE OF ANALYSIS

Manufactured for	**MACKISEN**				
Name of product:	**Turkey Tail**				
Packaging Lot # :	**M2500541/1**	**Master Packaging Record #**		**Expiry Date :**	**08/2028**
		MPR	**MA-N602-60-V0**		
Manufacturing Lot # :	**M2500514**	**Master Manufacturing Record #:**		**MFG Date:**	**09/2025**
		MMR	**MA-N602-V0**		
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.				
Physical Description:	Brown Color powder in clear Veggie "2" capsules.	60 count in Bottle-250 cc-45/400 White HDPE Round with Cap-45-400 white HIS P/P,ribbed,plain liner.			

Physical Tests:

TESTES	Results	Specifications Low	Target	High	Strength	Method
Average Wt. of Capsules	389 mg	366	407	448	mg	USP <2091>
Wt. variation of Capsules	Conforms	Conforms as per USP weight variation +/- 10 %				USP <2091>
Odour & Taste	Conforms	Characteristic, Conforms to Standard				Visual, Olfactory
Disintegration	5 min	NMT 30			min	USP <2040>
IDENTITY	Conforms	Conforms to standard				FTIR

Quantity / Potency :	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
Turkey tails 4:1 Trametes versicolor (fruiting body) 40%polysaccharides	300.00	mg	240.00	300.00	360.00	mg	Certified Input
By Qualitative Analysis	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
Polysaccharides from (Trametes Versicolor)	119.07	mg	96.00	120.00	144.00	mg	JPL-100.00 (UV)

NON-MEDICINAL INGREDIENTS Rice Powder, Empty Clear Vegetable Capsule Size "1"

Purity:

MICRO:	Results	Limits	Method
Total Plate Count	60 CFU/g	< 1,00,000 c.f.u / g	USP<2021>/AOAC
Total Yeast	<10 CFU/g	<10,000 c.f.u / g	USP<2021>/AOAC
Total Mold	<10 CFU/g	<10,000 c.f.u / g	USP<2021>/AOAC
E.Coli	Not Detected	Not Detected	USP<2022>/AOAC
Salmonella Spp	Not Detected	Not Detected	USP<2022>/AOAC
Staphylococcus Aureus	Not Detected	Not Detected	USP<2022>/AOAC
HEAVY METALS:	**Results**	**Limits - 1 capsules / day**	**Method**
Arsenic	0.0011 mcg / kg b.w./day	< 0.14 mcg / kg b.w./day	ICP-MS
Cadmium	0.0001 mcg / kg b.w./day	< 0.09 mcg / kg b.w./day	ICP-MS
Lead	0.0005 mcg / kg b.w./day	< 0.14 mcg / kg b.w./day	ICP-MS
Total Mercury	0.0001 mcg / kg b.w./day	< 0.29 mcg / kg b.w./day	ICP-MS
Solvent Residue	Complies	Meets USP Standard	USP/GC
Pesticide Residue	Complies	Meets USP Standard	USP/GC

Prepared by: Sneha Feb|04|2026 **Approved by:** JSharma Feb|04|2026

Quality Assurance

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CERTIFICATE OF ANALYSIS

Manufactured for	**MACKISEN**				
Name of product:	**Turkey Tail**				
Packaging Lot # :	**M2500541/2**	**Master Packaging Record #**		**Expiry Date :**	**08/2028**
		MPR	**MA-N602-120-V0**		
Manufacturing Lot # :	**M2500514**	**Master Manufacturing Record #:**		**MFG Date:**	**09/2025**
		MMR	**MA-N602-V0**		
Storage Conditions:	Store at room temperature (R.T), in closed dry containers and Keep away from high temperature & moisture.				
Physical Description:	Brown Color powder in clear Veggie "2" capsules.	120 count in Bottle-250 cc-45/400 White HDPE Round with Cap-45-400 white HIS P/P,ribbed,plain liner.			

Physical Tests:

TESTES	Results	Specifications Low	Target	High	Strength	Method
Average Wt. of Capsules	389 mg	366	407	448	mg	USP <2091>
Wt. variation of Capsules	Conforms	Conforms as per USP weight variation +/- 10 %				USP <2091>
Odour & Taste	Conforms	Characteristic, Conforms to Standard				Visual, Olfactory
Disintegration	5 min	NMT 30			min	USP <2040>
IDENTITY	Conforms	Conforms to standard				FTIR

Quantity / Potency :	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
Turkey tails 4:1 Trametes versicolor (fruiting body) 40%polysaccharides	300.00	mg	240.00	300.00	360.00	mg	Certified Input
By Qualitative Analysis	**Results**		**Low**	**Target**	**High**	**Strength**	**Method**
Polysaccharides from (Trametes Versicolor)	119.07	mg	96.00	120.00	144.00	mg	JPL-100.00 (UV)

NON-MEDICINAL INGREDIENTS	Rice Powder, Empty Clear Vegetable Capsule Size "1"

Purity:

MICRO:	Results	Limits	Method
Total Plate Count	60 CFU/g	< 1,00,000 c.f.u / g	USP<2021>/AOAC
Total Yeast	<10 CFU/g	<10,000 c.f.u / g	USP<2021>/AOAC
Total Mold	<10 CFU/g	<10,000 c.f.u / g	USP<2021>/AOAC
E.Coli	Not Detected	Not Detected	USP<2022>/AOAC
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Solvent Residue	Complies	Meets USP Standard	USP/GC
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