NutraNorth

CERTIFICATE OF ANALYSIS

Manufactured for	**MACKISEN**				
Name of product:	**Resveratrol**			**NPN**	**80131941**
Packaging Lot # :	**M2500460/1**	**Master Packaging Record #**		**Expiry Date :**	**07/2028**
		MPR	**MA-N941-60-V0**		
Manufacturing Lot # :	**M2500460**	**Master Manufacturing Record #:**		**MFG Date:**	**08/2025**
		MMR	**MA-N941-V0**		
Storage Conditions:	Store at room temperature (R.T), cool dry area keep away from direct sunlight and heat.				
Physical Description:	White powder in clear Veggie "1" capsules.		60 count in Bottle-150 cc-38/400 White HDPE Round with Cap-38-400 white HIS P/P,top dot plain linear.		

Physical Tests:

		Specifications				
TESTES	**Results**	**Low**	**Target**	**High**	**Strength**	**Method**
Average Wt. of Capsules	314 mg	302	335	369	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**
By Qualitative Analysis							
Resveratrol (from Reynoutria japonica- Root)	253.04	mg	200.00	250.00	300.00	mg	JPL-076.01
NON-MEDICINAL INGREDIENTS	Silicon Dioxide, Empty Clear Vegetable Capsule Size "1"						

Purity:

MICRO:	**Results**	**Limits**	**Method**
Total Plate Count	10 c.f.u / g	< 1,00,000 c.f.u / g	USP <2021/2022>
Total Yeast	<10 c.f.u / g	<1000 c.f.u / g	USP <2021/2022>
Total Mold	10 c.f.u / g	< 1000 c.f.u / g	USP <2021/2022>
E.Coli	Not Detected	Not Detected	USP <2021/2022>
Salmonella Spp	Not Detected	Not Detected	USP <2021/2022>
Staphylococcus Aureus	Not Detected	Not Detected	USP <2021/2022>
HEAVY METALS:	**Results**	**Limits - 1 capsules / day**	**Method**
Arsenic	<0.0001 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	0.0015 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 RESIDUES :	Complies	Meets USP requirements	USP/GC
Pesticide Residue	Complies	Meets USP requirements	USP/GC

Prepared by: Neelima Dec/31/2025

Approved by: BShargave Dec/31/2025

Quality Assurance

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