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TECHNICAL DATA SHEET

Shiitake Mushroom Extract

Catalog No.: NST-8-24

Extract Profile

Botanical source	*Lentinula edodes*
Part used	Fruiting body
Standardization	Polysaccharides ≥40.0%
Extraction solvent(s)	Water and ethanol
Extract ratio / DER	10:1
Composition	80-90% Shiitake Mushroom Extract; 10-20% Maltodextrin
Carrier / excipient	Maltodextrin (10-20%)

Applications

Suitable for cosmetic formulations and food supplement applications.

Solubility & Dispersibility

Water	Soluble
Oil	Insoluble

Cosmetic Formulation Guide

Recommended use level	0.5-2.0% (skin care); 0.3-1.0% (scalp and hair care)

Food Supplement Application Guide

Suitable dosage forms	Capsules; tablets; powder blends
Typical recommended use level	300-900 mg/day

FORMULATION & STABILITY GUIDANCE
Polysaccharides are generally stable under mildly acidic to neutral conditions. Strongly acidic or alkaline conditions may cause degradation.
Avoid prolonged exposure to heat and humidity.

Product quality specifications, analytical methods, storage conditions and shelf life are provided in the current Quality Specification (QS) for this catalog item.

Regulatory Disclaimer

The recommended use levels provided in this Technical Data Sheet are intended for general technical guidance only and do not constitute regulatory approval or legal advice. Applicable requirements, restrictions, and permitted use levels may vary depending on the product category and country of sale. It is the responsibility of the manufacturer or formulator of the finished product to verify compliance with all applicable national and regional regulations in the intended market.