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# TECHNICAL DATA SHEET

## Polyporus Extract

Catalog No.: NST-8-26

### Extract Profile

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|---|---|
| **Botanical source** | *Polyporus umbellatus L.* |
| **Part used** | Whole herb |
| **Standardization** | Polysaccharides ≥30.0% |
| **Extraction solvent(s)** | Water and ethanol |
| **Extract ratio / DER** | 25-30:1 |
| **Composition** | 80-90% Polyporus Extract; 10-20% Maltodextrin |
| **Carrier / excipient** | Maltodextrin (10-20%) |

### Applications

Suitable for cosmetic formulations and food supplement applications.

### Solubility & Dispersibility

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| **Water** | Soluble |
| **Oil** | Insoluble |

### Cosmetic Formulation Guide

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|---|---|
| **Recommended use level** | 1.0-3.0% (mattifying and pore-control serums); 0.5-2.0% (facial lotions); 0.3-1.0% (scalp care) |

## Food Supplement Application Guide

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|---|---|
| **Suitable dosage forms** | Capsules; tablets; powder blends |
| **Typical recommended use level** | 500-2,000 mg/day |

| **FORMULATION & STABILITY GUIDANCE** |
|---|
| Polysaccharides are generally stable under mildly acidic to neutral conditions. Strongly acidic or alkaline conditions may cause hydrolysis. |
| Avoid prolonged exposure to high temperatures and excessive 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.