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TECHNICAL DATA SHEET

Willow Bark Extract

Catalog No.: NST-8-34

Extract Profile

Botanical source	*Salix alba*
Part used	Bark
Standardization	Salicin ≥25.0%
Extraction solvent(s)	Water and ethanol
Extract ratio / DER	30:1
Composition	90-100% Willow Bark Extract; 0-10% Maltodextrin
Carrier / excipient	Maltodextrin (0-10%)

Applications

Suitable for cosmetic formulations and food supplement applications.

Solubility & Dispersibility

Water	Soluble and dispersible
Oil	Insoluble

Cosmetic Formulation Guide

Recommended use level	0.5-1.5% (leave-on products); 1.0-3.0% (cleansers and rinse-off products); 0.3-1.0% (scalp and tonic formulations)

Food Supplement Application Guide

Suitable dosage forms	Capsules; tablets; powder
Typical recommended use level	120-240 mg/day (as salicin)

FORMULATION & STABILITY GUIDANCE
Salicin is relatively stable under mildly acidic conditions. Strongly acidic or alkaline conditions may cause hydrolysis.
Avoid prolonged exposure to high temperatures 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.