
TECHNICAL DATA SHEET

Hops Flower Extract

Catalog No.: NST-8-28

Extract Profile

Botanical source	<i>Humulus lupulus L.</i>
Part used	Flower
Standardization	Xanthohumol $\geq 5.0\%$
Extraction solvent(s)	Water and ethanol
Extract ratio / DER	60:1
Composition	90-100% Hops Flower Extract; 0-10% Maltodextrin
Carrier / excipient	Maltodextrin (0-10%)

Applications

Suitable for cosmetic formulations and food supplement applications.

Solubility & Dispersibility

Water	Poorly soluble
Oil	Partially soluble

Cosmetic Formulation Guide

Recommended use level	0.5-1.5% (skin and facial care); 0.3-1.0% (scalp and hair care); up to 2.0% (purifying masks)
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Food Supplement Application Guide

Suitable dosage forms	Capsules; tablets; powder
Typical recommended use level	24 mg xanthohumol/day

FORMULATION & STABILITY GUIDANCE

Xanthohumol is sensitive to light and may undergo photooxidation. Use light-protected containers and minimize oxygen exposure.

Avoid prolonged heat exposure.

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.