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TECHNICAL DATA SHEET

Marigold Extract

Catalog No.: NST-8-45

Extract Profile

Botanical source	*Tagetes erecta L.*
Part used	Flower
Standardization	Lutein ≥20.0%
Extraction solvent(s)	Water and ethanol
Extract ratio / DER	50:1
Composition	80-100% Marigold Extract; 0-20% Maltodextrin
Carrier / excipient	Maltodextrin (0-20%)

Applications

Suitable for cosmetic formulations and food supplement applications.

Solubility & Dispersibility

Water	Insoluble
Oil	Not tested; maltodextrin is insoluble in oil

Cosmetic Formulation Guide

Recommended use level	0.1-1.0% (skin care); 0.05-0.5% (eye care)

Food Supplement Application Guide

Suitable dosage forms	Capsules; softgels
Typical recommended use level	6-20 mg/day (as lutein)

FORMULATION & STABILITY GUIDANCE
Lutein is susceptible to oxidation and photooxidation. Protect from light and oxygen.
Avoid prolonged exposure to high temperatures. Storage under an inert atmosphere is recommended where possible.

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.