E-mail: inquiries@nstchemicals.com
nstchemicals.com
Phone: +371 24220280

TECHNICAL DATA SHEET

Chamomile Extract

Catalog No.: NST-8-6

Extract Profile

Botanical source	*Matricaria recutita L.*
Part used	Flower
Standardization	Apigenin ≥10.0%
Extraction solvent(s)	Water and ethanol
Extract ratio / DER	30:1
Composition	80-90% Chamomile Extract; 10-20% Maltodextrin
Carrier / excipient	Maltodextrin (10-20%)

Applications

Suitable for cosmetic formulations and food supplement applications.

Solubility & Dispersibility

Water	Poorly soluble
Oil	Insoluble

Cosmetic Formulation Guide

Recommended use level	0.1-1.0%

Food Supplement Application Guide

Suitable dosage forms	Capsules; tablets; beverages
Typical recommended use level	200-400 mg/day

FORMULATION & STABILITY GUIDANCE
Most stable under mildly acidic to neutral conditions (pH 4.0-6.5). Strong alkalinity or prolonged exposure to high pH may accelerate oxidation and degradation of flavonoids such as apigenin and luteolin.
Sensitive to light, heat, oxygen and transition metal ions such as iron and copper, which may cause discoloration and degradation. Avoid prolonged exposure to temperatures above 80 °C.

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.