
TECHNICAL DATA SHEET

Artichoke Leaf Extract

Catalog No.: NST-8-42

Extract Profile

Botanical source	<i>Cynara scolymus L</i>
Part used	Leaf
Standardization	Cynarin $\geq 5.0\%$
Extraction solvent(s)	Water
Extract ratio / DER	10:1
Composition	90% Artichoke Leaf Extract; 10% Maltodextrin
Carrier / excipient	Maltodextrin (10%)

Applications

Suitable for cosmetic formulations and food supplement applications.

Solubility & Dispersibility

Water	Not tested
Oil	Insoluble

Cosmetic Formulation Guide

Recommended use level	0.5-3.0%
-----------------------	----------

Food Supplement Application Guide

Suitable dosage forms	Hard capsules; tablets; powder sachets
Typical recommended use level	300-1000 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 caffeic acid derivatives such as cynarin.

Sensitive to light, oxygen and prolonged exposure to temperatures above 60 °C. Transition metal ions such as iron and copper may cause discoloration or complex formation.

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.