
TECHNICAL DATA SHEET

Ginseng Extract

Catalog No.: NST-8-14

Extract Profile

Botanical source	<i>Panax ginseng</i>
Part used	Leaf and stem
Standardization	Ginsenosides $\geq 20.0\%$
Extraction solvent(s)	Water and ethanol
Extract ratio / DER	20:1
Composition	90-100% Ginseng Extract; 0-10% Maltodextrin
Carrier / excipient	Maltodextrin (0-10%)

Applications

Suitable for cosmetic formulations and food supplement applications.

Solubility & Dispersibility

Water	Not tested
Oil	Insoluble

Cosmetic Formulation Guide

Recommended use level	0.5-2.0% (serums and emulsions); up to 3.0% (revitalizing and firming creams); 0.3-1.0% (scalp and hair care)
------------------------------	---

Food Supplement Application Guide

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

FORMULATION & STABILITY GUIDANCE

Ginsenosides are generally stable under mildly acidic to neutral conditions. Extreme pH may cause cleavage of glycosidic bonds.

Stable under normal processing temperatures; avoid prolonged heat exposure. Protect from 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.