
TECHNICAL DATA SHEET

Grape Seed Extract

Catalog No.: NST-8-18

Extract Profile

Botanical source	<i>Vitis vinifera</i> L.
Part used	Seed
Standardization	OPC $\geq$ 70.0%; Proanthocyanidins $\geq$ 95.0%
Extraction solvent(s)	Water and ethanol
Extract ratio / DER	100:1
Composition	100% Grape Seed Extract
Carrier / excipient	None

Applications

Suitable for cosmetic formulations and food supplement applications.

Solubility & Dispersibility

Water	Slightly soluble
Oil	Insoluble

Cosmetic Formulation Guide

Recommended use level	0.1-1.0%
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Food Supplement Application Guide

Suitable dosage forms	Hard capsules (vegetarian HPMC or gelatin); tablets; sachets and powders
Typical recommended use level	100-300 mg/day

FORMULATION & STABILITY GUIDANCE

Most stable under slightly acidic to neutral conditions (pH 4.0-7.0). Strong alkalinity may induce oxidation and degradation of active polyphenols.

Sensitive to light, oxygen, heat above 50 °C and transition metal ions such as iron and copper, which may cause discoloration.

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.