TDS · TECHNICAL DATA

Retinal 5 ml

Article: VV26062912 · **INCI:** Retinal
Document No. TDS-1469493-EN-2611 · **Revision:** 11.2026

Product page

1 General information

Product name	Retinal 5 ml
Article	VV26062912
Product type	Cosmetic ingredient
INCI	Retinal
Synonyms	retinaldehyde, all-trans-retinal, vitamin A aldehyde

2 Specification

Appearance	Transparent oily liquid
Color	From light yellow to orange-yellow
Solubility	oil
Density	0.9–1.3 g/cm³
pH	not determined
Odor	characteristic
Pack size	5 ml

3 Applications and dosage

Application areas	• Facial serums • facial creams • night creams • emulsions • facial masks • cosmetics for mature skin • cosmetics for dull skin • evening care products • premium cosmetics • professional cosmetics Skin concentrates • cosmetic boosters • multi-component anti-aging formulations • peptide-based products • ceramide-based products • squalane-based products • modern cosmetic care systems Premium cosmetic formulations • professional care products • active cosmetic concentrates • next-generation cosmetics
Recommended dosage	0.01-0.1% pure Retinal, 0.05-0.2% in serums, 0.05-0.1% in creams, 0.05-0.1% in emulsions, 1-3% encapsulated concentrates containing 6% Retinal, 0.07-0.7% stabilized dispersions depending on the content of the active substance
Compatibility	Compatible with most cosmetic ingredients. Stability in the finished formulation should be verified.

4 Storage and packaging

Storage conditions	in tightly closed original container, in a cool dry place, protected from direct sunlight, at +5...+25 °C
Shelf life	until 10.2027 in closed original packaging
Packaging	sealed original container (bottle, jar or bag) / transport container

Quality control: every batch is checked against the reference standard for color, appearance and particle size.

Approved by: Quality Department · Mylo-Opt

Revision date: 11.2026