

Aevum Vita 621

Dark circle reduction	Reduced skin redness	Naturally derived	Independently tested
✓	✓	✓	✓

INCI declaration
aqua, lactic acid, propanediol, citric acid, tartaric acid, gluconic acid

Aevum Vita 621 is an active cosmetic ingredient designed for use in under eye treatments.

At relatively low dosage, Aevum Vita 621 has been proven to reduce the appearance of dark circles under the eyes, as well as reducing skin redness in the under eye area.

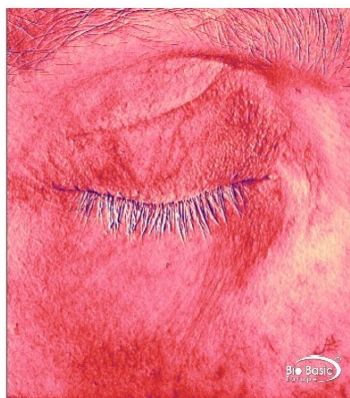
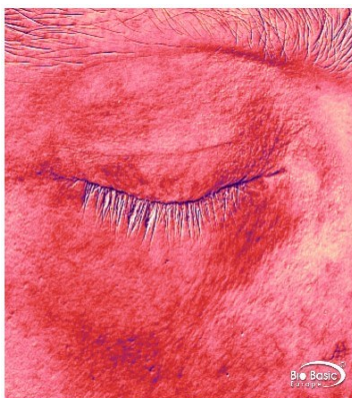
The efficacy of the ingredient has been proven by independent third party tests.

In Use Concentrations	ISCA recommendation	EU Cosmetic Regulation (max)
Under eye serums	1.0 – 2.0 %	No limit

In use concentrations vary according to the formulation type and the other ingredients present. The correct use dosage should be determined by testing of the finished formulation.

Dark circle Reduction

A gel containing 1.5 % Aevum Vita 621 was found to improve the appearance of dark circles in 60 % of volunteers.



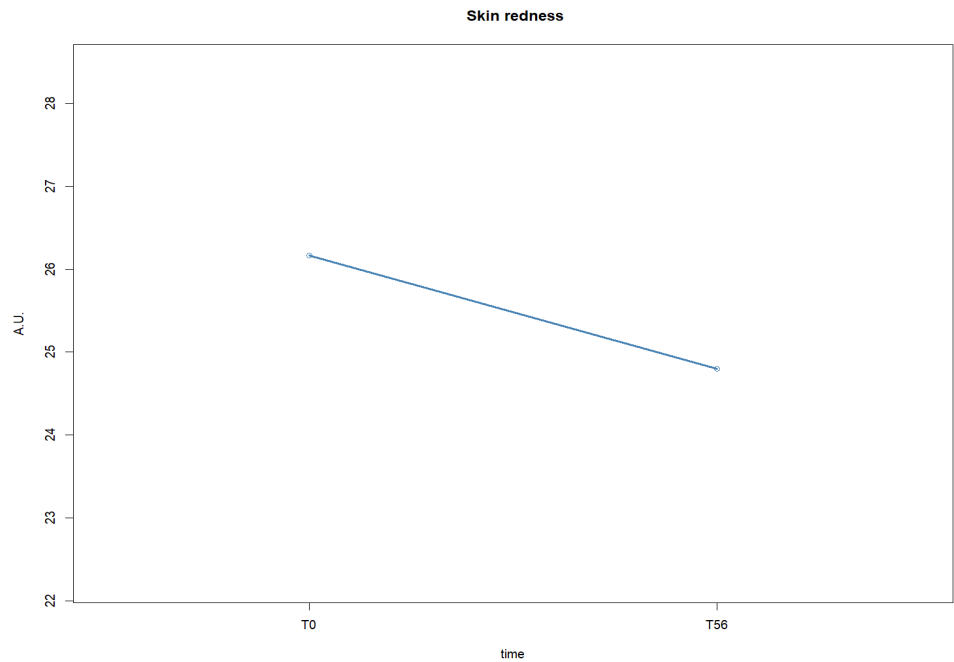
1.5 % Aevum Vita 621 gel tested over 56 days, by 10 volunteers both male and female aged between 18 and 60 years. The gel was applied once per day on the eye contour by the volunteers, all of whom were judged to have 'marked' or 'moderate' dark circles at the start of the trial.

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Redness Reduction

During the above mentioned trial, a decrease of the variable skin redness was observed amongst the volunteers.

The under eye gel was prepared using 1.5% Aevum Vita 621 in combination with a rheological additive (Aevum Vita 525). The aqueous gel was preserved with potassium sorbate, and pH adjusted using sodium hydroxide.



Typical Properties

Appearance	Colourless liquid
pH value as supplied	~ 2.0
Solubility in water	Miscible
Solubility in glycols	Miscible
Maximum process temperature	80 °C

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