



Synergy+1.8% PLUS is supplied in 1.1 ml disposable glass syringe

A sterile, single-use 27Ga cannula is enclosed in the package

No refrigeration required.

Storage temperature must be in the range +2°C and +25°C

Code	SYNKP
pH	6.8 – 7.6
Osmolality	300 – 350 mOsm/Kg
Dynamic viscosity	200.000 - 300.000 mPa.s
Molecular weight (Sodium Hyaluronate raw material)	2.5 x10 ⁶ - 3x10 ⁶ Da

Scan the QR code and download product technical data sheet



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For any request or information write to
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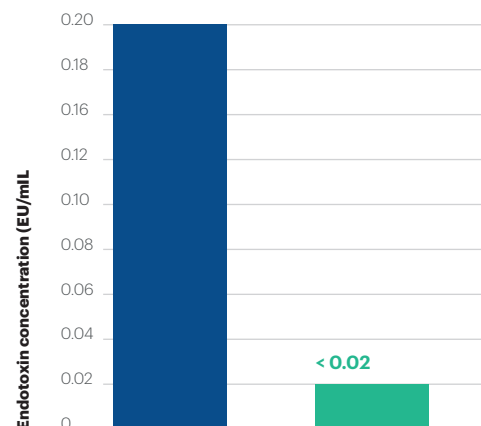
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Synergy+1.8% PLUS



**Viscoelastic Solution
for Ophthalmic Surgery
with Taurine**

Synergy+1.8% PLUS contains Sodium Hyaluronate of biological origin with pharmaceutical grade purity:



ISO International Standard 15798:2022
Food and Drug Administration (FDA);
U. S. 2015

Synergy+1.8% PLUS

ULTRA PURIFIED Sodium Hyaluronate

According to the ISO and FDA guidance, the recommended endotoxin limit for release testing is ≤ 0.2 endotoxin units (EU) per millilitre (mL).^{8,9}

Sodium hyaluronate in **Synergy+1.8% PLUS** has a content of endotoxins **10 times inferior** to the recommended limit!

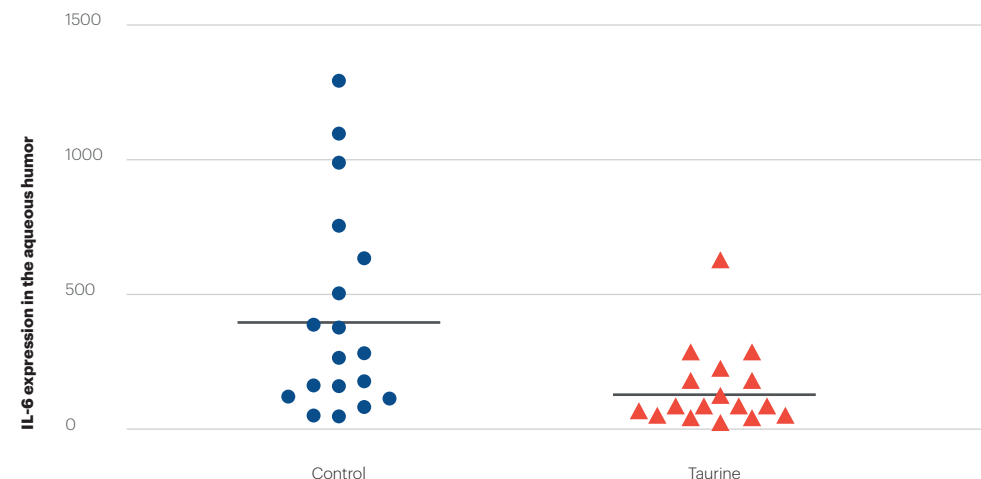
Taurine is essential for Ocular Health

Taurine plays an important role in promoting retinal differentiation and it is critical for photoreceptor development.

This small amino acid protects retinal ganglion cells (RGC) and retinal pigment epithelium (RPE) from damage caused by oxidative stress, inflammation, apoptosis and ocular neurotoxicity through various pathways (reducing adverse effects or promoting beneficial effects).

Published studies suggest that Taurine may reduce damage to retinal function through both anti-inflammatory and antioxidant pathways.^{1,2}

Effect of taurine intake on IL-6 expression in the human aqueous humour



Results of the study

These findings suggest that the induced inflammation by Interleukin-6 (IL-6), the key cytokine that is strongly up-regulated during infection and inflammation, can be inhibited by Taurine uptake. Aqueous humor analyzed from patients after Taurine intake showed significantly lower concentration of the inflammatory factor IL-6, thus suggesting that Taurine may inhibit the release of such inflammatory factors.³

1. Review: Taurine: A "very essential" amino acid; Ripps H. et al., Molecular Vision 2012; 18:2673-2686

2. Taurine Protects Lens Epithelial Cells Against Ultraviolet B-Induced Apoptosis; Wu Dayang & Pang Dongbo, Current Eye Research 2017, DOI: 10.1080/02713683.2016.1255759

3. Taurine inhibits interleukin-6 expression and release induced by ultraviolet B exposure to human retinal pigment epithelium cells; Wu Dayang and Zhang Jinsong, Cutan Ocul Toxicol 2014, DOI:10.3109/15569527.2014.944649