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Specification Sheet

nanoHA™ Low Endotoxin

Product Description

nanoHA is a hyaluronic acid (HA) oligomer prepared by chemoenzymatic synthesis with immobilized enzyme reactors¹. The reducing end contains *N*-acetylglucosamine. Endotoxin has been reduced to levels below 1 EU/mg.

	Catalog Number
nanoHA ₅ Low Endotoxin	HYA-NANO5EF-1
nanoHA ₇ Low Endotoxin	HYA-NANO7EF-1
nanoHA ₉ Low Endotoxin	HYA-NANO9EF-1

Quantification

The nanoHA content has been quantified by carbazole assay and is supplied lyophilized as ammonium and/or sodium salt.

Recommended Reconstitution Procedure

Centrifuge the tube for a few seconds to collect the nanoHA solids in the bottom of the tube. Carefully open and add desired amount of sterile water or proper buffer directly to the bottom of the tube. Mix well before use.

Storage

Store the product at or below -20 °C. Avoid contamination with microbes or HA-degrading enzymes.

References

¹DeAngelis, P.L., Oatman, L.C., and Gay, D. F. (2003) Rapid chemoenzymatic synthesis of monodisperse oligosaccharides with immobilized enzyme reactors. *J. Biol. Chem.* **278**: 35199-35203.

~For Research Use Only~

~U.S Patent # 6,444,447 & Patents Pending~