



Technical data:

Molecular Weight

2,000,000 Daltons

Viscosity

50,000 cps

pH

7.2 ± 0.4

Osmolarity

314 ± 10 mOsM

Composition by weight:

Sodium Hyaluronate

2.0 %

Sodium Chloride

0.59 %

Potassium Chloride

0.075%

Calcium Chloride

0.048%

Magnesium Chloride

0.03 %

Sodium Acetate

0.39 %

Sodium Citrate

0.17 %

LA LON is a medium viscosity Sodium Hyaluronate based ophthalmic viscoelastic solution, designed for routine cataract surgery.

It contains Sodium Hyaluronate derived from bacterial fermentation. **LA LON** has one of the highest elasticities among viscoelastics produced using this source.

The viscosity's are especially important in three shear rate regions:

- The zero shear rate viscosity is responsible for the maintenance of space in the anterior chamber. This viscosity keeps the material from escaping through the incision during manipulation in the anterior chamber.
- The manipulation shear rate viscosity, which makes intraocular manipulations and

implantation possible without resistance from the viscoelastic, but still keeps tissues in place.

- The viscosity during shear rates experienced while expressing the viscoelastic through a cannula. The lower this viscosity is, the easier it is to express the material through the cannula, and the thinner cannula can be used.