

FERRING
PHARMACEUTICALS

 BTG | Bio-Technology General
(Israel) Ltd.

BioLon[®]



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Your Skill Our Technology

BioLON®

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BioLON®, Bio-Technology General®'s fermentation based sodium hyaluronate (10mg/ml) is a material that is introduced into the eye to facilitate surgical manipulations while protecting ocular tissues. Bio-Technology General's BioLON is produced by state-of-the-art biotechnological processes. Using advanced technologies, a high molecular weight, highly viscous, very cohesive ultrapure OVD [Ophthalmic Viscosurgical Device] is produced in sterile syringes.

BioLON enables optimal conditions for viscosurgery

BioLON provides the necessary viscosity and molecular weight to ensure high surgical performance. BioLON guarantees safety and maximum efficacy in each surgical procedure.

BioLON provides for all OVD requirements:

- Easy injection and removal
- Maintains space
- Tissue manipulation ("soft instrument")
- Optically clear
- Shock absorber, lubrication
- Sterile, non-toxic, non-antigenic
- Non-inflammatory, pyrogen free
- Well tolerated

Ultrapure sodium hyaluronate

With purity a central consideration in choosing a viscoelastic for surgical procedures. Bio-Technology General uses highly sophisticated purification methods to produce an ultrapure sodium hyaluronate solution free of nucleic acids, proteins and other impurities.

Cost effective 1.0 ml syringes

BioLON®, 1.0 ml for cataract (phacoemulsification techniques) and glaucoma surgery, corneal transplant and trauma surgery were specially designed to enable the use of the right volume for each procedure. With BioLON's cost effective doses you can be more flexible in your surgical technique. BioLON contains more sodium hyaluronate solution at a competitive price.

BioLON advantages

- BioLON is best used to create space and stabilize the surgical microenvironment
- BioLON is the leading viscoelastic product in Israel
- BioLON has proven superior qualities
- BioLON has the highest purity levels
- BioLON is a highly purified OVD, from bacterial source, developed and manufactured in Israel
- FDA approved
- CE marked
- Marketed in over 30 countries
- Supply in OVD syringe equipped with tamper evident closure



Key product characteristics are listed in the following table:

| Parameter | |
|---|-----------------------------|
| Average molecular weight | 3 megadaltons |
| NaHA concentration | 10 [mg/ml] |
| Osmolality | ~280 mOsm/Kg |
| Protein | <10 mg/ml |
| Sterility | Passes |
| Absorbance [257 nm] | <<0.2 AU |
| Average viscosity at shear rate 0.1/sec | ~105,000 cps |
| PRESENTATION: 1.0 ml | Shelf life: 3 years at 2-8C |