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# CATARACT SURGERY SOLUTIONS

[www.biotechhealthcare.com](http://www.biotechhealthcare.com)

## Bio-Hyalur Range Sodium Hyaluronate Ophthalmic Solution

The best options for the protection & control you need in ophthalmic surgery

- Cataract Extraction
- Intraocular Lens (IOL) implantation
- Corneal transplantation surgery
- Glaucoma filtering surgery

### Advantages:

- Source - Bacterial fermentation
- Ideal for lubricating the cartridges of IOLs for implantation
- Excellent endothelial protection
- Easy to inject and remove from the eye
- High viscosity for further expansion of the anterior chamber & higher maintenance of spaces while doing ophthalmic surgery
- Latex free



Specification: Bio-Hyalur Range

Sodium Hyaluronate Ophthalmic Solution

| Product Name                                 | Bio-Hyalur             | Bio-Hyalur Plus        | Bio-Hyalur HV          | Bio-Hyalur SV          |
|----------------------------------------------|------------------------|------------------------|------------------------|------------------------|
| Sodium Hyaluronate                           | 1.0%                   | 1.4%                   | 2.4%                   | 3.0%                   |
| Concentration                                | 10mg/ml                | 14mg/ml                | 24mg/ml                | 30mg/ml                |
| Origin                                       | Bacterial Fermentation | Bacterial Fermentation | Bacterial Fermentation | Bacterial Fermentation |
| Molecular weight (Million Daltons)           | 2.8-3.2                | 2.8-3.2                | 2.8-3.2                | 2.8-3.2                |
| Viscosity at Zero shear rate at 25° C ± 2° C | 300,000 mPas           | 400,000 mPas           | 850,000 mPas           | 1,000,000 mPas         |
| Osmolality                                   | 270-400 mOsmol/kg      | 270-400 mOsmol/kg      | 270-400 mOsmol/kg      | 270-400 mOsmol/kg      |
| pH at 25° C ± 2° C                           | 6.8 to 7.6             | 6.8 to 7.6             | 6.8 to 7.6             | 6.8 to 7.6             |
| Storage                                      | 2°C to 25°C            | 2°C to 25°C            | 2°C to 25°C            | 2°C to 25°C            |
| Volume                                       | 1.0ml                  | 1.0ml                  | 1.0ml                  | 1.0ml                  |
| Cannula                                      | 27gauge                | 27gauge                | 27gauge                | 27gauge                |
| Approval                                     | CE mark                | CE mark                | CE mark                | CE mark                |



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