

CORNEAL DESWELLING
AGENT, BEFORE
PREPARATION OF CORNEAL
LAMELLAR TISSUE

THIN-C™

CORNEAL DESWELLING



| THIN-C™ | |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Ingredients | Action |
| dextran T 500 | osmotic agent |
| dextran T 40 | osmotic agent |
| Sodium pyruvate, glucose | energetic sources |
| amino acids, mineral salts, vitamins | nutrients |
| gentamicin | antibiotic |
| hepes, bicarbonate | buffers |
| phenol red | pH indicator |
| Form | sterile liquid |
| Volume | 20 ml |
| Physico-chemical parameters | <ul style="list-style-type: none"> ▶ hydrogenionic activity (pH): 7.2 – 7.4 ▶ osmolality (MOsm/Kg) : 300 – 360 |
| Packaging | vial |
| Sterilization | aseptically manufactured with sterile filtration according to UNI EN 556-2:2005 and UNI EN 13824:2005 |
| Storage temperature | +2°C - +25°C |
| Expiry date | 24 months |
| Intended use | corneal deswelling agent, before preparation of corneal lamellar tissue |
| Temperature of actual use | +2°C - +8°C |
| Duration of actual use | max 4h* |
| Class | medical device |
| GMDN class | P36094 |
| CND class | Q020299 |
| MD registration number | 445137/R |
| Medical device class | Ila |
| CE mark | CE 0546 |

THIN-C™ is a corneal deswelling agent, before preparation of corneal lamellar tissue. THIN-C™ is ideal to prepare ultra-thin lenticules for DSAEK, Eye Bank pre-cut tissues for DSAEK and anterior lamellae for DALK. The incubation of the cornea in THIN-C™ for only four hours allows to obtain ultimate tissue quality level with predictable thickness, which is reduced by 100 µm as compared to conventional corneal storage media. The lenticules obtained after using THIN-C™ show smoother residual posterior stroma and higher stiffness than tissue prepared with the use of conventional corneal storage media and warrant an easy manipulation of the tissue during surgery.

Ref.: CDM 001

Contents:

- ▶ 3 20-ml vial pack

EAN 13 barcode:

08021118000951

ALCHIMIA

Viale Austria, 14
35020 Ponte S.Nicolò (PD)
Italy

P.IVA IT 00063370282

Phone +39 049 8962074 / 64
Fax +39 049 8962071

www.alchimiasrl.com
info@alchimiasrl.com

* Keep the cornea in THIN-C at 4°C for 4 h maximum. If a suitable instrument or a validated procedure to measure corneal thickness is not available, corneal incubation in THIN-C shall not exceed 3 h.