

CORROSION RESISTANCE OF STAINLESS STEEL SURGICAL INSTRUMENTS

Type of tests performed

- ⊙ Copper Sulphate Test as per IS 7531: 1990 (Reaffirmed 2001)
- ⊙ Boiling Water Test as per IS 7531: 1990 (Reaffirmed 2001)
- ⊙ Autoclaving Test as per IS 7531: 1990 (Reaffirmed 2001)
- ⊙ Potential-time measurement
- ⊙ Linear polarization measurement
- ⊙ Potentiodynamic polarization
- ⊙ Electrochemical impedance spectroscopy (EIS)

Report

Conformance to the corrosion resistance requirements of IS 7531: 1990 (Reaffirmed 2001) and other international standards.