Sterile Ophthalmic Preparations and Contamination Control

By Tim Sandle  Aug 29, 2014 5:00 pm PDT

Ophthalmic preparations are sterile liquid, semi-solid, or solid preparations intended for application to the conjunctiva, the conjunctival sac, or the eyelids. Sterility is a key issue in manufacture and use of ophthalmic products. Preservative selection is a critical activity in product design. Other important aspects requiring assessment in the manufacture of ophthalmic products include sterility, tonicity, pH, buffering, drug toxicity, solubility, stability, viscosity, aseptic filling, packaging and storage. Microbial content or bioburden of the raw materials, in-process...

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