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REVISED**A new method for long-term storage of titred microbial standard solutions suitable for microbiologic quality control activities of pharmaceutical companies**

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Abstract

Commercially available lyophilized microbial standards are expensive and subject to reduction in cell viability due to freeze-drying stress. Here we introduce an inexpensive and straightforward method for in-house microbial standard preparation and cryoconservation that preserves constant cell titre and cell viability over 14 months.

Keywords

Cryopreservation; Pharmacopoeia; standard reference strains.

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