

Technical Information

Sucrose Diluent 40%

Product Code: DM 2749

Application: - Sucrose Diluent 40% is recommended as a diluent in osmophilic yeast and mould test method.

Composition**

Ingredients	Gms / Litre
Sucrose	40.000

**Formula adjusted, standardized to suit performance parameters

Principle & Interpretation

Sucrose 40% solution is recommended as diluent for the analysis of osmophilic yeast and mould in high sugar products (1).

Methodology

Suspend 40 grams of dehydrated powder media in 60 ml of distilled water. Mix thoroughly & heat to boiling to dissolve the sucrose completely. If required make the volume to 100 ml with distilled water. Dispense in suitable container and sterilize by autoclaving at 115°C for 10 min.

Quality Control

Appearance

White coloured crystalline free flowing powder.

Colour and Clarity

Colourless clear solution.

Storage and Shelf Life

Dried Media: Store below 30°C in tightly closed container and prepared media at 2-8°C . Use before expiry date on label.

Prepared Media: 2-8° in sealable plastic bags for 2-5 days.

Further Reading

1. Charles B. Broeg. 'Non food uses for sucrose' In Sugar, a user's guide to sucrose. Edited by Neil L. Pennigton and Charles W. Baker, pub. Van Nostrand Reinhold, New York. 1990. 276-287.

Disclaimer :

- User must ensure suitability of the product(s) in their application prior to use.
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