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Product Information

Gel Loading Buffer

Catalog Number **G2526**

Product Description

The Gel Loading Buffer contains bromphenol blue, which serves as tracking dye, and sucrose to add density and facilitate sample loading. EDTA has been included to terminate the action of enzymes that require divalent cations. Sodium lauryl sulfate has been added to help dissociate DNA-protein complexes which can interfere with electrophoresis.

Suitable for non-denaturing polyacrylamide and agarose gel electrophoresis of nucleic acids.

Reagent

Composition:

0.05% (w/v) bromphenol blue

40% (w/v) sucrose

0.1 M EDTA, pH 8.0

0.5% (w/v) sodium lauryl sulfate (SDS)

Precautions and Disclaimer

This product is for R&D use only, not for drug, household, or other uses. Please consult the Material Safety Data Sheet for information regarding hazards and safe handling practices.

Storage/Stability

Store at room temperature.

Note: If crystals form, heat the solution to 65 °C for 10 minutes.

Procedure

Add 1 volume of Gel Loading Buffer to 2-5 volumes of sample, and mix well.

CP,PHC 05/06-1

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