

DATA SHEET

Version: 2
Revision date: 17/02/23

1. Identification

Product name	Sodium Dodecyl Sulphate (SDS) 10% solution
	1000 mL
Cat. No	BR0081

2. Description

Sodium Dodecyl Sulphate (SDS) is an anionic detergent that denatures secondary and nondisulfide-linked tertiary protein structure, shattering the native shape. SDS provides a negative charge to each protein as a function of their size. Accordingly, all of proteins have the same shape in the gel separation they are separated only for their size. Furthermore, SDS can be used to aid in lysing cell during DNA extraction

3. Specifications

Format: 10% (w/v) solution of sodium dodecyl sulphate (SDS) in high purity dH₂O.
Solution is 0.2 µm filtered.
Volume: 1000 mL
Shelf life: Two years after production date

4. Shipping and Storage specifications

The SDS reagent is shipped at room temperature. Store the product in a dry place at room temperature.

5. Applications

- Anionic detergent for a variety of protein methods
- Used as component of Cell lysis buffers

6. Further information

Product Use Limitations	This product is developed, designed and sold exclusively only for research purposes use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.
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