

SDS

Sodium Dodecyl Sulfate

(Molecular Biology Grade)

Ordering info

TBR0143, SDS, 500 g

Description

SDS is the sodium salt of the 12-carbon organosulfate. It is a widely used detergent with applications in molecular biology and protein field. This anionic detergent is highly used in buffer preparation to solubilize cell membrane, inclusion bodies, protein denaturation and in analysis of proteins by SDS-PAGE.

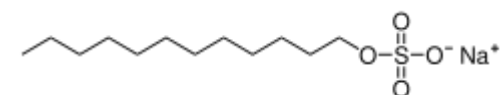
SDS is a highly effective surfactant and is used in any task requiring the removal of oily stains and residues. For this reason it is including in formulations for cleaning procedures.

Formula (SDS): $\text{NaSO}_4\text{C}_{12}\text{H}_{25}$

CAS: 151-21-3

Features

- Purity \geq 99%.
- White powder.



Storage

Store at room temperature.

Applications

- Protein gel electrophoresis preparation
- Protein sample preparation
- Nucleic acid hybridization
- Cell disruption
- Buffer preparation

Quality Control

- DNase/ RNase activity not detected.

Also available:

Acrylamide Bisacrylamide 30% (TBR0135, TBR0136)

β -mercaptoethanol (TBR0107, TBR0108, TBR0109)

TEMED (TBR0139)

Ammonium Persulfate (TBR0141)

