

ChemiPURE Sodium Dodecyl Sulfate (SDS)

100 gr, 500 gr

Cat No: SDS01, SDS05

Shipping : Ship at ambient temperature.

Storage : Store at room temperature (15–25°C) in a tightly closed container.

General Information

ChemiPURE Sodium Dodecyl Sulfate (SDS), also known as sodium lauryl sulfate, is a versatile anionic surfactant used in cell biology, biochemistry, and other laboratory applications. Its amphiphilic structure contains a hydrophobic hydrocarbon tail and a hydrophilic sulfate head group.

ChemiPURE Sodium Dodecyl Sulfate functions as an effective detergent capable of solubilizing and denaturing proteins, lipids, and other hydrophobic molecules, supporting its use in laboratory workflows where disruption or solubilization of hydrophobic biological components is required.

Applications

- Cell biology and biochemistry applications
- Solubilization of proteins and other hydrophobic molecules
- Protein denaturation workflows
- Solubilization and disruption of lipid-containing samples
- General laboratory detergent applications

This product is sold for laboratory research use only.

CAS Number: 151-21-3

Molecular Weight: 288.38

Molecular Formula: C₁₂H₂₅O₄S•Na

Purity: ≥99.5%

Appearance: White

Solubility: Soluble 1 g in 10 mL (opalescent solution)

Storage Temperature: Room Temperature