



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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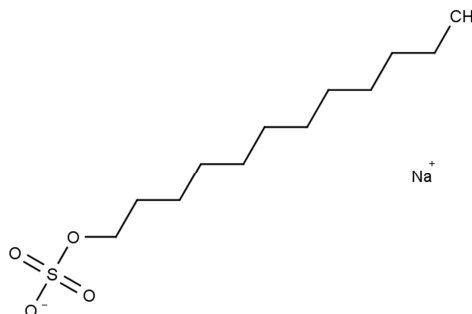
[www.szabo-scandic.com](http://www.szabo-scandic.com)

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## Sodium Dodecyl Sulfate (SDS), pure

**Catalog No:** 04051  
**Lot No:** XXXXX  
**Cas No:** 151-21-3  
**Formula:** C<sub>12</sub>H<sub>25</sub>NaO<sub>4</sub>S  
**MW:** 288.38  
**Supplied as:** solid  
**Stability:** stable at room temperature



### Background

SDS is commonly used in preparing proteins for electrophoresis in SDS-PAGE. This compound works by disrupting non-covalent bonds in the proteins, denaturing them, and causing the molecules to lose their native conformation. This new negative charge is significantly greater than the original charge of that protein. The electrostatic repulsion that is created by binding of SDS causes proteins to unfold into a rod-like shape thereby eliminating differences in shape as a factor for separation in the gel.

### Tests

**Appearance:**  
**Appearance of solution:**  
**Assay (titr.):**  
**pH (10%, H<sub>2</sub>O, 25°C):**  
**Sodium chloride:**  
**Sodium sulfate:**  
**Water:**

### Specifications

white to yellowish powder  
yellowish  
≥95%  
7.0 – 10.5  
≤1.0%  
≤2.5%  
≤3%

### Usage

This product is offered by Biomol for research purposes only. Not for diagnostic purposes or human use. It may not be resold or used to manufacture commercial products without written approval of Biomol GmbH.