

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)

Email USA: [techserv@sial.com](mailto:techserv@sial.com)

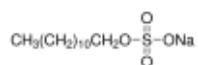
Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Sodium dodecyl sulfate – BioReagent, suitable for electrophoresis, for molecular biology, ≥98.5% (GC)

**Product Number:** L3771  
**CAS Number:** 151-21-3  
**MDL:** MFCD00036175  
**Formula:** C<sub>12</sub>H<sub>25</sub>NaO<sub>4</sub>S  
**Formula Weight:** 288.38 g/mol



TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless
Solubility (Turbidity)	Clear
200 mg/ml, H <sub>2</sub> O	
Chloride	Pass
By Specific Ion Electrode	
< or = 500 ppm	
Phosphate (PO <sub>4</sub> )	≤ 10 ppm
A260 UV Absorption	≤ 0.1
3% in H <sub>2</sub> O	
A280 UV Absorption	≤ 0.1
3% in H <sub>2</sub> O	
Heavy Metals (as Lead)	≤ 10 ppm
Water (by Karl Fischer)	≤ 2.0 %
Sodium (Na)	7.0 - 9.0 %
by ICP	
DNase, Exonuclease Detection	None Detected
RNase Detection	None Detected
Suitability	Suitable
Suitable for use in denatured polyacrylamide gel electrophoresis	
Purity (GC)	≥ 98.5 %
Recommended Retest Period	-----
3 Years	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: [www.sigmaaldrich.com](http://www.sigmaaldrich.com)Email USA: [techserv@sial.com](mailto:techserv@sial.com)Outside USA: [eurtechserv@sial.com](mailto:eurtechserv@sial.com)

## Product Specification

Product Name:

Sodium dodecyl sulfate – BioReagent, suitable for electrophoresis, for molecular biology, ≥98.5% (GC)

Product Number:

**L3771**

CAS Number:

151-21-3

MDL:

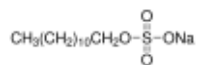
MFCD00036175

Formula:

C<sub>12</sub>H<sub>25</sub>NaO<sub>4</sub>S

Formula Weight:

288.38 g/mol

**TEST****Specification**

Specification: PRD.3.ZQ5.1000007167

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at [Sigma-Aldrich.com](http://Sigma-Aldrich.com). For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.