

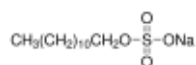
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Product Specification

Product Name:
Sodium dodecyl sulfate - ACS reagent, ≥99.0%

Product Number: **436143**
CAS Number: 151-21-3
MDL: MFCD00036175
Formula: C₁₂H₂₅O₄S.Na
Formula Weight: 288.38 g/mol



TEST	Specification
Appearance (Color)	White
Appearance (Form)	Powder or Flakes
¹ H NMR Spectrum	Conforms to Structure
UV/VIS Absorbance	≤ 0.1
220 - 350nm	
c = 3%; Water	
Purity (GC)	≥ 96.0 %
% Fatty Alcohols	
Purity (Titration by NaOH)	≥ 99.0 %
With NaOH or With Benzethonium Chloride (Dried Basis)	
Loss on Drying	≤ 1.0 %
105 Degrees Celsius, Constant Wt	
Heavy Metal	≤ 0.002 %
as Lead	
Titrateable base	≤ 0.06 meq
Assay	≤ 4.0 %
% Unsulfated Alcohols	
Meets ACS Requirements	Current ACS Specification

Specification: PRD.3.ZQ5.10000022421

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. 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.

