

Certificate of Analysis

Product Name:

DODECYL SULFATE, SODIUM SALT, 99+%, &

Product Number:

436143

Batch Number:

MKCP5345

Brand:

SIAL

CAS Number:

151-21-3

MDL Number:

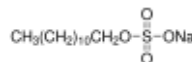
MFCD00036175

Formula Weight:

288.38 g/mol

Quality Release Date:

08 JUN 2021



Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder or Flakes	Powder
Infrared Spectrum	Conforms to Structure	Conforms
UV/VIS Absorbance	≤ 0.1	< 0.1
220 - 350nm		
c = 3%; Water		
Assay	≤ 4.0 %	< 4.0 %
% Unsulfated Alcohols		
Purity (Titration by NaOH)	≥ 99.0 %	99.3 %
With NaOH or With Benzethonium Chloride		
(Dried Basis)		
Purity (GC)	≥ 96.0 %	99.0 %
% Fatty Alcohols		
Loss on Drying	≤ 1.0 %	0.7 %
105 Degrees Celsius, Constant Wt		
Heavy Metal	≤ 0.002 %	< 0.001 %
as Lead		
Titrateable Base	≤ 0.06 meq	< 0.06 meq
Meets ACS Requirements	Current ACS Specification	Conforms



Larry Coers, Director
Quality Control

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.



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