

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Sodium dodecyl sulfate – BioXtra, ≥99.0% (GC)

Product Number:

L6026

CAS Number:

151-21-3

MDL:

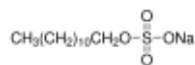
MFCD00036175

Formula:

C₁₂H₂₅NaO₄S

Formula Weight:

288.38 g/mol



TEST

Specification

Appearance (Color)

White

Appearance (Form)

Powder

Solubility (Color)

Colorless

Solubility (Turbidity)

Clear

0.1 M, H₂O

Infrared spectrum

Conforms to Structure

Loss on Drying

≤ 0.5 %

(HV, 20-25 deg C)

Insoluble Matter

Pass

Passes filter test

Phosphate (PO₄)

Conforms

< or = 0.0001%

Chloride (Cl)

Conforms

< or = 0.05%

Aluminum (Al)

≤ 0.0005 %

Bismuth (Bi)

≤ 0.0005 %

Lead (Pb)

≤ 0.0005 %

Barium (Ba)

≤ 0.0005 %

Cadmium (Cd)

≤ 0.0005 %

Cobalt (Co)

≤ 0.0005 %

Strontium (Sr)

≤ 0.0005 %

Copper (Cu)

≤ 0.0005 %

Zinc (Zn)

≤ 0.0005 %

Potassium (K)

≤ 0.02 %

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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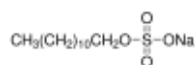
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TEST	Specification
Iron (Fe)	≤ 0.0005 %
Lithium (Li)	≤ 0.0005 %
Molybdenum (Mo)	≤ 0.0005 %
Nickel (Ni)	≤ 0.0005 %
Chromium (Cr)	≤ 0.0005 %
Manganese (Mn)	≤ 0.0005 %
Calcium (Ca)	≤ 0.001 %
Magnesium (Mg)	≤ 0.0005 %
A260 UV Absorption (0.1 M in H ₂ O)	≤ 0.08
A280 UV Absorption (0.1 M in H ₂ O)	≤ 0.05
Purity (GC)	≥ 99.0 %
Recommended Retest Period 3 years	-----

Specification: PRD.3.ZQ5.10000024003

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