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Product Specification

Product Name:

7-Aminocephalosporanic acid 98%

Product Number:

191140

CAS Number:

957-68-6

MDL:

MFCD00005177

Formula:

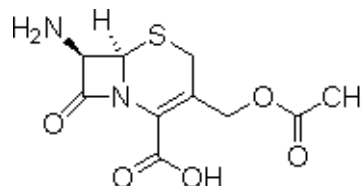
C₁₀H₁₂N₂O₅S

Formula Weight:

272.28 g/mol

Storage Temperature:

2 - 8 °C



TEST

Specification

Appearance (Color)

White to Off-White or Pale Yellow

Conforms to Requirements

Appearance (Form)

Powder

Infrared spectrum

Conforms to Structure

Carbon

43.0- 45.2 %

Nitrogen

10.0- 10.6 %

Optical Rotation

C= 0.5%, PH 7 Buffer

84.0- 96.0 deg

Purity (TLC)

≥98 %

Solubility (Turbidity)

5% in 1N NH₄OH

Clear to Slightly Hazy

Solubility (Color)

Pale Yellow to Bright Yellow or Gold

Conforms to Requirements

Remarks:

Specification Date : 06/21/2010

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.