

3050 Spruce Street, Saint Louis, MO 63103, USA

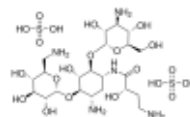
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## Product Specification

Product Name:  
Amikacin disulfate salt – potency: 674–786 µg per mg (as amikacin base)

Product Number: **A1774**  
CAS Number: 39831-55-5

Formula: C<sub>22</sub>H<sub>43</sub>N<sub>5</sub>O<sub>13</sub> · 2H<sub>2</sub>O<sub>4</sub>S  
Formula Weight: 781.8 AMU



TEST	Specification
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Appearance (Form)	Powder or Crystals
Appearance (Color)	White to Off White
Infrared spectrum	Conforms to Structure or Conforms to Reference Standard
pH	2.0 - 4.0
Potency (Dry Substance) µg Amikacin Base/mg	674 - 786
Loss on Drying	≤ 13.0 %
Optical Rotation	76 - 84 deg
Identity (by HPLC) The retention time of the peak for Amikacin in the chromatogram of the sample solution corresponds to that in the chromatogram of the reference solution as obtained in the assay	Pass
Recommended Retest Period 3 Years	-----

Specification: PRE.1.ZQ5.10000014757

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.