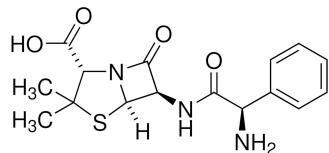


# Product Specification

Product Name :	Ampicillin anhydrous, 96.0-102.0% (anhydrous basis)
Product Number:	A9393
CAS Number:	69-53-4
Storage Temperature :	Cooler/Refrigerated
Molecular Formula:	C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub> S
Formula Weight:	349.40



Test	Specification
Appearance (Form)	Powder or Crystals
Appearance (Color)	White to Off White
Water	≤ 2.0%
Infrared Spectrum Conforms to Structure or reference standard	Conforms
Specific Rotation (Calculated on the anhydrous basis)	280 - 305 °
Assay ampicillin C <sub>16</sub> H <sub>19</sub> N <sub>3</sub> O <sub>4</sub> S (Calculated on the anhydrous basis)	96.0 - 102.0 %
Related Substances Any impurity	≤ 1.0%
Managed by	Expiration Date
Results Provided by Supplier	-----
Shelf Life Defined by Supplier	-----
Handled & Packed Under ISO9001	-----

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.

Version Number: PRP.00.ZQ5.1101290

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