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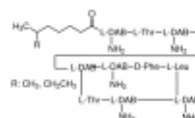
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## Product Specification

Product Name:  
Polymyxin B sulfate salt -  $\geq 6,000$  USP units/mg

Product Number: **P1004**  
CAS Number: 1405-20-5

Formula:  $C_{55}H_{96}N_{16}O_{13} \cdot 2H_2SO_4$   
Formula Weight: 1,385.61 g/mol  
Storage Temperature: 2 - 8 °C



### TEST

### Specification

Appearance (Color)	White to Light Yellow
Appearance (Form)	Powder
Solubility (Color)	Colorless to Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/ml H <sub>2</sub> O	
Infrared Spectrum	Conforms to Structure
units/mg Solid	$\geq 6000$
USP units	
Recommended Retest Period	-----
4 Years	

Specification: PRE.0.ZQ5.10000010839

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.