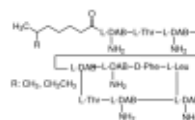


Product Specification

Product Name:
Polymyxin B sulfate – meets USP testing specifications

Product Number: **P0972**
 CAS Number: 1405-20-5
 Formula: C₅₅H₉₆N₁₆O₁₃ · 2H₂SO₄
 Formula Weight: 1,385 AMU



TEST	Specification
pH	5.0 - 7.5
Loss on Drying	≤ 7.0 %
Assay	≥ 6000 UN/mg
microbial (on dried basis)	
Composition of Polymyxins	≥ 80.0 %
Sum of polymyxins B1,B2,B3,B1-I	
Composition of Polymyxins	≤ 6.0 %
Polymyxins B3	
Composition of Polymyxins	≤ 15.0 %
Polymyxins B1-I	
Identity	Pass
(USP)	
Residue on Ignition	≤ 5.0 %
Organic Impurities	≤ 3.0 %
Any individual impurity	
Organic Impurities	≤ 17.0 %
Total impurities	
Expiration Date Period	-----
4 Years	

Specification: PRE.4.ZQ5.10000014161

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.

