

Certificate of Analysis

Product Name : Polymyxin B sulfate salt
Product Number : P1004-5MU
Batch Number : 0000104688
Source Batch : WXBD2057V
CAS Number : 1405-20-5
Storage Temperature : Cooler/Refrigerated
Molecular Formula : $C_{55}H_{96}N_{16}O_{13} \cdot 2H_2SO_4$
Formula Weight : 1385.61
Recommended Retest Date : Mar 2024
Quality Release Date : 29 Sep 2020

Test	Specification	Result
Appearance (Color)	White to Light Yellow	White
Appearance (Form)	Powder	Powder
Solubility (Color)	Colorless to Yellow	Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy	Clear
50 mg/ml H ₂ O		
Infrared Spectrum	Conforms to Structure	Conforms
units/mg Solid	≥ 6000	8131
USP units		



Anna Bendersky, Quality Control Manager

Quality Control

Israel

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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. Purchase must determine the suitability of the product for its particular use. See reverse side of website or packing slip for additional terms and conditions of sale

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