

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-08-05 17:13:42  
Date of Next Testing: 2029-08-04 17:13:42  
Product Name: **Polymyxin B sulfate**  
CAS Number: 1405-20-5  
Specifications & Purity: pharmaceutical grade, 6,000 USP units/mg  
Lot #: H2504348  
SKU #: **P105490**  
Version: **1**  
Analysis #: **530232**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Potency (Anhydrous)(USP units)	≥6000	7500.00
Loss on drying	0-7 (%)	2.33 %
PH(0.5% Water)	5-7	6.29
Appearance (P105490)	White to almost white to Light Yellow Powder or Solid or chunks	White to almost white to Light Yellow Powder or Solid or chunks
Identity	pass	Pass
Solubility in H2O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager