

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-04-16 15:44:15

Date of Next Testing: 2029-04-15 15:44:15

Product Name: **Polymyxin B sulfate**

CAS Number: 1405-20-5

Specifications & Purity: pharmaceutical grade, 6,000 USP units/mg

Lot #: C2526735

SKU #: **P105490**

Version: **1**

Analysis #: **482886**

Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Potency (Anhydrous)(USP units)	≥6000	8391.00000
Loss on drying	0-7 (%)	3.20000 %
PH(0.5% Water)	5-7	6.30000
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