

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-03-13 17:53:18

Date of Next Testing: 2027-03-12 17:53:18

Product Name: **Polymyxin B sulfate**

CAS Number: 1405-20-5

Specifications & Purity: USP grade , $\geq 6,000$ USP units/mg

Lot #: C2307894

SKU #: **P105490**

Analysis: **182480**

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

Parameter	Limit Values	Result
Potency (Anhydrous)(USP units)	≥ 6000	8370.00
Loss on drying	0-7 (%)	3.30 %
PH(0.5% Water Water)	5-7	5.90
Identity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml	pass	Pass
Appearance (P105490)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks



John Su
QA & QC Manager