

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-07-15 14:37:44

Date of Next Testing: 2027-07-14 14:37:44

Product Name: **Polymyxin B sulfate**

CAS Number: 1405-20-5

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

Lot #: G2310743

SKU #: **P105490**

Analysis: **242903**

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

Parameter	Limit Values	Result
Potency (Anhydrous)(USP units)	≥ 6000	8282.00
Loss on drying	0-7 (%)	1.33 %
PH(0.5% Water Water)	5-7	5.88
Identity	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (P105490)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks
Solubility in H ₂ O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager