

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-15 14:38:45  
Date of Next Testing: 2027-07-14 14:38:45  
Product Name: **Polymyxin B sulfate**  
CAS Number: 1405-20-5  
Specifications & Purity: USP grade ,  $\geq 6,000$  USP units/mg  
Lot #: G2310779  
SKU #: **P105490**  
**Analysis:** **242903**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Potency (Anhydrous)(USP units)	$\geq 6000$	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 <sub>2</sub> O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)	pass	Pass



John Su  
QA & QC Manager