

## Certificate of Analysis

Date of Testing: 2023-03-13 18:59:36  
Date of Next Testing: 2027-03-12 18:59:36  
Product Name: **Polymyxin B sulfate**  
CAS Number: 1405-20-5  
Specifications & Purity: USP grade ,  $\geq 6,000$  USP units/mg  
Lot #: C2308036  
SKU #: **P105490**  
**Analysis: 182480**  
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Potency (Anhydrous)(USP units)	$\geq 6000$	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 <sub>2</sub> 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