

Certificate of Analysis

Date of Testing: 2024-11-14 09:53:12

Date of Next Testing: 2028-11-13 09:53:12

Product Name: **Polymyxin B sulfate**

CAS Number: 1405-20-5

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

Lot #: K2412007

SKU #: **P105490**

Version: **1**

Analysis #: **420294**

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

Parameter	Limit Values	Result
Potency (Anhydrous)(USP units)	≥6000	8232.00
Loss on drying	0-7 (%)	4.19 %
PH(0.5% Water Water)	5-7	6.22
Infrared spectrum	Conforms to Structure	Conforms to Structure
Appearance (P105490)	White to almost white to Light Yellow	White to almost white to Light Yellow
	Powder or Solid or chunks	Powder or Solid or chunks
Identity	pass	Pass
Solubility in H ₂ O , Colorless to Yellow,Clear to Slightly Hazy(50mg/ml	pass	Pass



John Su
QA & QC Manager