

Certificate of Analysis

Date of Testing: 2022-11-19 09:14:48
Date of Next Testing: 2026-11-18 09:14:48
Product Name: **Polymyxin B sulfate**
CAS Number: 1405-20-5
Specifications & Purity: USP grade , $\geq 6,000$ USP units/mg
Lot #: K2217178
SKU #: **P105490**
Analysis: 116897
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Potency (Anhydrous)(USP units)	≥ 6000	8132.00
Loss on drying	0-7 (%)	1.33 %
PH(0.5% Water Water)	5-7	5.88
Appearance (P105490)	White to Light Yellow Powder or Solid or chunks	White to Light Yellow Powder or Solid or chunks
Identity	pass	Pass
Solubility in H ₂ O , Colorless to Yellow, Clear to Slightly Hazy(50mg/ml)	pass	Pass
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager