

Certificate of Analysis

Date of Testing: 2023-03-13 18:47:18
Date of Next Testing: 2027-03-12 18:47:18
Product Name: **Polymyxin B sulfate**
CAS Number: 1405-20-5
Specifications & Purity: USP grade , $\geq 6,000$ USP units/mg
Lot #: C2308039
SKU #: **P105490**
Analysis: 182480
Storage Temperature: Store at 2-8°C, Protected from light

Parameter	Limit Values	Result
Potency (Anhydrous)(USP units)	≥ 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 ₂ 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



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QA & QC Manager