

## Certificate of Analysis

Date of Testing: 2022-08-18 16:54:41  
Date of Next Testing: 2026-08-17 16:54:41  
Product Name: **Polymyxin B sulfate**  
CAS Number: 1405-20-5  
Specifications & Purity: USP grade ,  $\geq 6,000$  USP units/mg  
Lot #: H2209688  
SKU #: **P105490**  
**Analysis: 116897**  
Storage Temperature: Store at 2-8°C, Protected from light

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



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QA & QC Manager