



# Specification

**Formula Hill:**  $C_{55}H_{96}N_{16}O_{13} \cdot 2H_2SO_4$   
**Molar Mass:** 1.385,61 g/mol  
**CAS N°:** 1405-20-5

Print Date: 14 March 2019

**110441 Polymyxin B Sulphate, USP**

	Specifications
Assay (dried subs)	$\geq 6500,0$ IU/mg
Identity	Conforms
Appearance	
- White or almost white	Conforms
- Powder	Conforms
pH 0,5%	5,0 - 7,5
Related substances	
- Any individual impurity	$\leq 3,0$ %
- Total impurities	$\leq 17,0$ %
Comp. of polymyxins	
- Polymyxin B1-I	$\leq 15,0$ %
- Polymyxin B3	$\leq 6,0$ %
- Sum of polymyxins B1, B2, B3 and B1-I	$\geq 80,0$ %
Loss on Drying	$\leq 7,0$ %
Sulphate ash	$\leq 0,75$ %
Conforms to USP	Conforms