

Specification

Technical Data Sheet

Product Name	Polymyxin B sulfate
Product No	59662126
CAS Number	1405-20-5
Storage Temperature	2 to 8 °C
Molecular Weight	1385.61
	Specification
Appearance	White to off-white powder
Conclusion	Conforms to USP35
Heavy metals	≤20ppm
Identification	Liquid chromatography: conforms
Loss on Drying	≤6%
pH	5 - 7
Particle Size	≤30µm

Specification

Phenylalanine	9.0%-12.0%
Pyrogens	Meets the requirements
Solubility	Freely soluble in water, slightly soluble in Ethanol
Specific optical rotation	-78° - -90°
Sulfate	15.5% - 17.5%
Sulfated ash	≤0.75%
Total viable aerobic count	≤100cfu/g
Potency (Dry Basis)	≥ 6500 IU/mg
