

Specification

Technical Data Sheet

Product Name	Colistin Sulfate (EP)
Product No	49952997
CAS Number	1264-72-8
Storage Temperature	2 to 8 °C
Molecular Weight	1253.51
	Specification
Appearance	White to almost white powder
Conclusion	Conforms to EP specification
Loss on Drying	≤ 3.5%
pH	4.0 - 6.0
Molekula Supplier ID reference	-
Potency (dried basis)	≥ 19000 IU/mg
Solubility	Freely soluble in water, slightly soluble in ethanol (96%), practically insoluble in acetone trichloromethane or diethyl

Specification

	ether
Specific optical rotation	-63 to -73°
Sulfate	16 - 18%
Sulfated ash	≤ 1.0%
Total Impurities	≤ 23.0%
