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Product Specifications

Catalogue Number	00068
Product	Colistin sulfate, nonsterile Polymyxin E sulfate
CAS Number	1264-72-8
Molecular Formula	C ₅₃ H ₁₀₀ N ₁₆ O ₁₃ •H ₂ SO ₄
Molecular Weight	1267.53

Appearance	White to almost white to yellowish powder
Solubility	To pass test
Anion	Sulphate : 16 - 18%
pH	4 - 6
Loss on Drying	≤ 3%
Related Substances	Total impurities : ≤ 23% Any single impurity: ≤ 4.0% Impurity I: ≤ 3.0% Impurity II: ≤ 4.0% Impurity III: ≤ 3.0% Impurity IV: ≤ 3.0% Impurity V: ≤ 3.0% Impurity VI: ≤ 4.0%
Sulfated Ash	≤ 1%
Assay	≥ 19000 IU/mg (Dried substance)
Storage	Store at 0 - 8 °C

For Laboratory Use Only