

Product Specification

Product Name:
Colistin sodium methanesulfonate - from *Bacillus colistinus*

Product Number: **27655**
 CAS Number: 8068-28-8
 Formula: C₅₈H₁₁₅N₁₆Na₅O₂₈S₅
 Formula Weight: 1.759,9 g/mol
 Storage Temperature: 2 - 8 °C



TEST	Specification
Appearance (Form)	Powder or Crystals
Appearance (Color)	Conforms
White to off-white	
Identification	Conforms
(EP, UHPLC)	
pH	6.5 - 8.5
Loss on Drying	≤ 5.0 %
Sulphated Ash	16 - 21 %
Assay (Dry Basis)	≥ 11500
IU/mg	
Related Substances	≤ 5.5 %
Total impurities	
Expiration Date Period	-----
5 Years	

Specification: PRE.3.ZQ5.10000015230

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

