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## Product Specification

Product Name:

Colistin sodium methanesulfonate - ~11,500 U/mg

Product Number:

**C1511**

CAS Number:

8068-28-8

Formula:

C<sub>58</sub>H<sub>115</sub>N<sub>16</sub>Na<sub>5</sub>O<sub>28</sub>S<sub>5</sub>

Formula Weight:

1,759 AMU

**TEST****Specification**

Appearance (Form)	Powder
Appearance (Color)	White to Faint Beige
Solubility (Solvent)	Water
Solubility (Conc)	50.0 - 55.0 mg/ml
Solubility (Color)	Colorless to Light Yellow
Solubility (Turbidity)	Clear to Very Slightly Hazy
Potency	≥ 11000
U/mg	
Purity (TLC)	≥ 98 %

Specification: PRE.0.ZQ5.10000015996

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](http://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.