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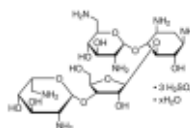
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## Product Specification

Product Name:  
Neomycin trisulfate salt hydrate - powder, BioReagent, suitable for cell culture

Product Number: **N6386**  
 CAS Number: 1405-10-3  
 MDL: MFCD00077833  
 Formula: C<sub>23</sub>H<sub>46</sub>N<sub>6</sub>O<sub>13</sub> · 3H<sub>2</sub>SO<sub>4</sub> · xH<sub>2</sub>O  
 Formula Weight: 908.88 g/mol



TEST	Specification
Appearance (Color)	White to Light Yellow
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Slightly Hazy
50 mg/mL, H <sub>2</sub> O	
pH	5.0 - 7.5
3.3% in H <sub>2</sub> O	
Loss on Drying	≤ 10 %
Specific Rotation (dry basis)	53.5 - 60.0 °
C= 10, H <sub>2</sub> O, 20 deg C	
Potency	≥ 600
ug neomycin/mg, Dry basis	
Cell Culture Test	Pass
Recommended Retest Period	-----
5 Years	

Specification: PRD.3.ZQ5.10000023289

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.