

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.com
Email USA: techserv@sial.com
Outside USA: eurtechserv@sial.com

## **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: C23H46N6O13 · 3H2SO4 · xH2O

Formula Weight: 908.88 g/mol

TEST Specification

Appearance (Color)
Appearance (Form)
Solubility (Color)
Solubility (Turbidity)

50 mg/mL, H2O

pH

3.3% in H2O Loss on Drying

Specific Rotation (dry basis)

C= 10, H2O, 20 deg C

Potency

ug neomycin/mg, Dry basis

Cell Culture Test

Recommended Retest Period

5 Years

Specification: PRD.3.ZQ5.10000023289

White to Light Yellow

Pow der

Colorless to Faint Yellow Clear to Slightly Hazy

5.0 - 7.5

≤ 10 %

53.5 - 60.0 °

≥ 600

Pass

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.