

## DATA SHEET

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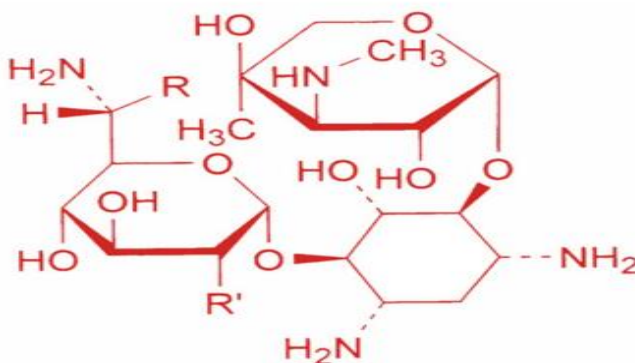
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### 1. Identification

**Product name**                      **Gentamicin sulphate**  
**Cat. No**                              **AB011**

### 2. Description

Gentamicin, an aminoglycoside antibiotic isolated from *Micromonospora* in 1963, is reported to have activity against gram-negative bacteria, gram-positive and some mycoplasmas. The bactericidal effect of gentamicin is due to inhibition of protein synthesis in susceptible bacteria.



### 3. Specifications

- CAS Number: 1405-41-0
- Specific optical rotation: +107 to +121°
- Loss on drying: <18%
- Activity anhydrous basis: >590 µg/mg
- Mixture of 3 major components, Gentamicin C1 (25 – 50%), C1a (10 – 35%) and C2 (25 – 55%)
- pH: 3.5 – 5.5

### 4. Storage specifications

Store at 4°C.

### 5. Further information

**Product Use Limitation**      This product is developed, designed and sold exclusively only for research purposes use. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals.

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