

# Data sheet

## Gentamicin sulphate

Cat. No: AB011

Cat. No: AB012

### Introduction

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.

### Product Size

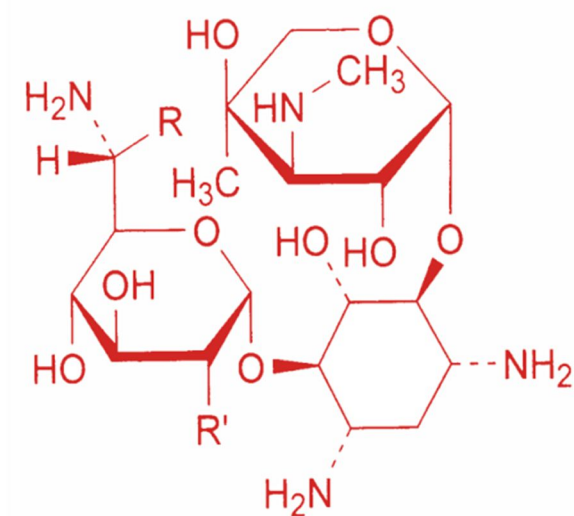
|                     | AB011 | AB012 |
|---------------------|-------|-------|
| Gentamicin sulphate | 5g    | 10g   |

### Storage conditions

Store at 4° C

### Technical specification

- ✓ 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



### PRODUCT USE LIMITATION

This product is developed, designed and sold exclusively for research purposes and in vitro use only. The product was not tested for use in diagnostics or for drug development, nor is it suitable for administration to humans or animals. Please refer to [www.canvaxbiotech.com](http://www.canvaxbiotech.com) for Material Safety Data Sheet of the product.

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## Notes

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