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	Review Date:	10-JAN-2027	Signature:	
	Title:	<b>TECHNICAL DATA SHEET</b>		

### Gentamicin Solution (10 mg/ml)

<b>Filtration</b>	0.1µm sterile filtered
<b>Product Code</b>	RAL-003-100ML
<b>Shelf Life</b>	4 years from DOM
<b>Storage Temperature</b>	2°C to 8°C
<b>Shipping Temperature</b>	ambient
<b>Working concentration</b>	Recommended final concentration of 50 µg/ml

### QC Specifications

Physical and Chemical Analysis	Method	Specifications	Units
Appearance	Visual	Clear, colourless solution	n/a
pH	Electronic pH Meter	Test and report	n/a
Osmolality	Osmometer	Test and report	mOsm/kg
Endotoxin	LAL Kinetic	≤ 1.0	EU/ml
<b>Sterility</b>			
Aerobic Bacteria	Internally Validated	Not detected	n/a
Anaerobic Bacteria	Internally Validated	Not detected	n/a
Fungi (Yeast & Mold)	Internally Validated	Not detected	n/a
Mycoplasma	qPCR	Not detected	n/a

### Formulation

Components	CAS number	Concentration
Gentamicin sulfate	1405-41-0	10 mg/ml

### Product description

Gentamicin is an antibiotic substance which is effective against gram-positive and gram-negative bacteria. Suitable for use in cell culture.

**Product Use:** This product is intended for laboratory use only.