
	Document ID:	TDS-RAL-005-100ML	Version:	004
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	Review Date:	10-JAN-2025	Signature:	
	Title:	<b>TECHNICAL DATA SHEET</b>		

### Amphotericin B Solution

Filtration	0.1µm sterile filtered
Product Code	RAL-005-100ML
Shelf Life	4 years from DOM. Once opened, store at +2°C to +8°C
Storage Temperature	-5 to -20°C
Shipping Temperature	Frozen/dry ice
Thawing	Overnight at +2°C to +8°C. Swirl gently to homogenize, use within 4-6 weeks
Working concentration	Recommended final concentration of 10ml/L

### QC Specifications

Physical and Chemical Analysis	Method	Specifications	Units
Appearance	Visual	Clear faint-yellow to orange	n/a
pH	Electronic pH Meter	Test and report	n/a
Endotoxin	LAL Kinetic	Test and report	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
Amphotericin B	1397-89-3	250 µg/ml
Sodium Deoxycholate	302-95-4	205 µg/ml

### Product description

Amphotericin B prevents the growth of fungi by causing an increase in fungal plasma membrane permeability. It is used to prevent the contamination of cell cultures by yeast and multicellular fungi. Amphotericin B Solution is prepared with cell culture grade water and provided as a ready to use 100x concentrate.

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