

ARTIFICIAL SEA WATER

A diluent for miniaturized microplate method for the multi-tube (MPN) procedure according to EN/ISO 9308-3 (MUG/EC) and EN ISO 7899-1 (MUD/SF).

Dehydrated media	
Code number:	SIS20500, SIS25000
Colour:	White
Appearance:	Homogeneous hygroscopic powder
pH before autoclaving (25 °C):	7,3 – 7,7

Direction: Suspend **23 g** in one litre of distilled water and heat gently to dissolve the medium completely. Dispense into final containers and sterilise by autoclaving at 121 °C for 15 minutes.

Prepared media	
Bottled media:	100 ml: SIS30100, 500 ml: SIS30500
Tubed media:	150 x 15 mm: SIS40018 (18 ml)
Colour:	Water-clear
pH (25 °C):	7,4 – 7,6

Direction: Dispense the bottled media aseptically into sterile test tubes. Media in tubes are ready to use.

FORMULA in g/l

Chloride	18,7400
Sodium	10,4540
Sulphate	2,6310
Magnesium	1,2560
Calcium	0,4000
Potassium	0,4010
Hydrogen carbonate	0,1940
Borate	0,0060
Strontium	0,0075

Storage conditions: Store the dehydrated media tightly closed in a dry place at room temperature. Store the bottled and tubed media protected from light at room temperature. Use before the expiry date on the label.

Quality control: according to ISO 9308-3 (MUG/EC) and ISO 7899-1 (MUD/SF).

References: ISO 9308-3:2000; ISO 7899-1:2000

For professional use only!