

Magnesium Chloride Malachite Green Broth acc. to Rappaport-Vassiliadis (RV Medium)

TN 1157 500 g



Intended use

Used for selective enrichment during isolation of salmonellae from foodstuffs and environmental materials.

Form

Powder

Colour

Turquoise

Storage

Dry, tightly closed, at 10...25 °C. This culture medium is very hygroscopic and must be protected from becoming damp.

Shelf life

3 years

Typical composition

Component	g/l
Peptone from casein and soya	5
Magnesium chloride anhydrous	18.73
Sodium chloride	8
Potassium dihydrogen phosphate	1.6
Malachite green	0.04

Directions

Dissolve 33.4 g in 1 litre distilled water, mix well and dispense in 10 ml amounts into tubes. Autoclave for 20 minutes at 115 °C.

Final pH at 25 °C

5.2 ± 0.2

Microbiological quality control

Incubate Magnesium Chloride Malachite Green Broth acc. to Rappaport-Vassiliadis (RV-Medium) aerobically for 18-44 hours at 36 ± 1 °C.

Test strain	No.	Growth
<i>Salmonella</i> Choleraesuis	clinical isolate	good
<i>Salmonella</i> Dublin	clinical isolate	good
<i>Salmonella</i> Derby	clinical isolate	good
<i>Salmonella</i> Typhimurium	ATCC 14028	good
<i>Salmonella</i> Abortusovis	clinical isolate	good
<i>Salmonella</i> Typhisuis	clinical isolate	good
<i>Escherichia coli</i>	ATCC 25922	no growth