

## Magnesium Chloride Malachite Green Broth according to Rappaport and Vassiliadis (RVM)

<b>Shorthand symbol:</b>	RVM
<b>Item number:</b>	60-1157
<b>Format:</b>	Tube, 9ml
<b>Colour:</b>	Turquoise, transparent
<b>Storage conditions:</b>	Dry, in closed bag, at 15-22°C
<b>Shelf-life:</b>	4 Months
<b>pH:</b>	5.2 ± 0.2 bei 25°C



### Intended use and fields of application

Medium for the selective isolation and cultivation of Salmonella in foodstuffs and other materials.

### Typical composition in g/l

#### in g per 1 Litre of Nutrient medium

Soya and Casein Peptone	5
Magnesium Chloride, anhydrous	18.73
Sodium Chloride	8
Potassium Dihydrogen Phosphate	1.6
Malachite Green	0.04

## Microbiological quality control

The Microbiological Performance Test is carried out in accordance with the requirements of DIN EN ISO 11133:2014.

### Productivity

Incubation Conditions: 24±3 Hours at 41.5±1°C; Inoculum Concentration: 100 CFU

Organism	Type Strain	Specification	Colony morphology
Salmonella enterica serotype Enteritidis	ATCC 13076/WDCM 00030	> 10 colonies from XLD-Agar	Colonies with a black centre and a lightly transparent reddish zone due to the colour change of the medium(XLD)
+ Escherichia coli	+ ATCC 8739/WDCM 00012		
+ Pseudomonas aeruginosa	+ ATCC 27853/WDCM 00025		

### Selectivity

Incubation Conditions: 24±3 Hours at 41.5±1°C; Inoculum Concentration: 10,000 - 1,000,000 CFU

Organism	Type Strain	Specification	Colony morphology
Escherichia coli	ATCC 8739/WDCM 00012	< 100 Colonies in TSA	-
Enterococcus faecalis	ATCC 19433/WDCM 00009	< 10 Colonies in TSA	-

### Microbial Contamination

Incubation Conditions: 5-7 Days, 20-25°C and 5-7 Days, 30-35°C

### Specification

No microbial contamination