

## Lactose-Bouillon (Flüssiges Lactose-Medium)

with Durham tubes

<b>Shorthand symbol:</b>	FLM
<b>Item number:</b>	60-1151
<b>Format:</b>	Tube, 9ml
<b>Colour:</b>	Beige, transparent
<b>Storage conditions:</b>	Dry and closed at 15-22°C
<b>Shelf-life:</b>	4 Weeks
<b>pH:</b>	6.9 ± 0.2 at 25°C



### Intended use and fields of application

The Lactose Broth (Liquid Lactose Medium) with Durham tubes is used to culture and identify coliform bacteria, particularly E. coli, in water, food and raw materials.

### Typical composition in g/l

#### in g per 1l Nutrient medium

Meat extract	3
Gelatine peptone, pankrease digest	5
Lactose-Monohydrate	5

\*Adjusted as required to meet performance standards

## Microbiological quality control

The microbial performance test is carried out in conformity with the requirements of DIN EN ISO 11133.

### Productivity

Incubation conditions:  $44 \pm 4$  hours at  $36 \pm 1$  °C; Inoculum concentration:  $\leq 100$  CFU

Organism	Test strain	Specification	Colony morphology
Escherichia coli	ATCC 8739 / WDCM 00012	Significant Turbidity, Gas formation	-
Klebsiella pneumoniae	ATCC 31488 / WDCM 00206	Significant Turbidity, Gas formation	-
Salmonella enterica serovar Enteritidis	ATCC 13076 / WDCM 00030	Significant Turbidity	-

### Microbial Contamination

Incubation conditions: 5 – 7 days at 20 – 25 °C and 5 – 7 days at 30 – 35 °C

### Specification

No microbial contamination