

Laurylsulfat-Tryptose-B. (Tryptoph. u. MUG)

Abbreviazione: LTTM
Numero articolo: 60-1153
Scheda: Tube, 9ml with Durham tube
Colore: Clear, yellowish colored
Condizioni di stoccaggio prodotti: Dry and closed at 15-22°C
Data di scadenza: 2 Months
Valore pH: 6.8 ± 0.2 at 25°C



Destinazione e applicazione

For detection and germ count determination of coliform bacteria from water, wastewater, food and dairy products.

Composizione tipica

in g per 1l Nutrient medium

Tryptose	20
Lactose	5
Sodium chloride	5
Sodium lauryl sulfate	0.1
Potassium hydrogen phosphate	2,75
Potassium dihydrogen phosphate	2,75
MUG(4-Methylumbelliferyl-β-D-glucuronid)	0.1
Tryptophan	1

*Adjusted as required to meet performance standards

Controlli di qualita' microbiologici

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

Productivity

Incubations condition: E. coli: 24 ± 2 to 48 ± 2 hours at 37 ± 1 °C; Coliform bacteria: 24 ± 2 to 48 ± 2 hours at 30 ± 1 °C; Inoculum concentration: 80 – 120 CFU

Organism	Test strain	Specification	Colony morphology
Escherichia coli (37 ± 1 °C)	ATCC 8739 / WDCM 00012	Turbidity: + / Gas formation: +	-
Escherichia coli (30 ± 1 °C)	ATCC 8739 / WDCM 00012	Turbidity: + / Gas formation: +	-
Citrobacter freundii	ATCC 43864 / WDCM 00006	Turbidity: + / Gas formation: +	-

Selectivity

Incubation conditions: 24 ± 2 hours at 37 ± 1 °C; Inoculum Concentration: 10.000 – 1.000.000 CFU

Organism	Test strain	Specification	Colony morphology
Enterococcus faecalis	ATCC 19433 / WDCM 00009	Complete inhibition	-

Microbial contamination

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

Specification

No microbial contamination