

# Standard Count Agar

Culture medium for determining the microbial count in milk, dairy products, water and wastewater.

This medium is highly suited as a base for preparing special culture media.

## Typical Composition (g/litre)

Meat extract 3.0; peptone from casein (free from fermentable carbohydrates) 5.0; sodium chloride 5.0; agar-agar 12.0.

## Preparation

Suspend 25 g/litre, autoclave (15 min at 121 °C).

pH: 7.2 ± 0.2 at 25 °C.

The prepared medium is clear and yellowish-brown.

## Experimental Procedure and Evaluation

Depend on the purpose for which the medium is used.

Incubation: 24 h at 35 °C aerobically.

## Ordering Information

Product	Merck Cat. No.	Pack size
Standard Count Agar	1.01621.0500	500 g

## Quality control

Test strains	Growth
Staphylococcus aureus ATCC 25923	good / very good
Streptococcus agalactiae ATCC 13813	fair / good
Lactococcus lactis spp. lactis ATCC 19435	fair / good
Lactobacillus acidophilus ATCC 4356	poor / good
Escherichia coli ATCC 25922	good / very good
Pseudomonas aeruginosa ATCC 27853	good / very good
Bacillus cereus ATCC 11778	good / very good