



Caso-Agar (TSA)

Version: 07/2022
M&S item numbers: 4020 (25 x 20 ml) and 5020 (4 x 250 ml)
Profile: Glass tubes and polycarbonate bottles
Color: Beige
Storage: Dark and dry at 4 – 12 °C
Shelf life: 8 months after production

Description and application range

Caso-Agar is used for colony count from Water, foodstuffs and non-sterile pharmaceutical products. The formulation complies with DIN EN ISO 9308-1 and the harm. EP/USP/JP (2006). Caso-Agar is a universal medium without inhibitors or other additives for the cultivation of even fastidious microorganisms. It can be used for the individual addition of antibiotics or other substances. The medium is manufactured and quality tested in compliance with ISO 11133:2014 + Amd. 2:2020 standard.

Typical composition

Enzymatic digest of casein	15.0 g/l
Enzymatic digest of soy flour	5.0 g/l
Sodium chloride	5.0 g/l
Bacteriological Agar	12.0 g/l

Final pH: 7.3 ± 0.2 at 25 °C

Microbiological quality control

Bacterial contamination

Incubation: aerobically at room temperature for 3 days, specification: no growth

Productivity quantitative analysis

Incubation: aerobically at 37 ± 1 °C for 24 ± 2 h, approx. inoculum: 50 – 120 CFU

Microorganism	Test strain	Specification	Appearance
<i>Escherichia coli</i>	WDCM 00012	$P_R \geq 0.7$	Beige colonies
<i>Pseudomonas aeruginosa</i>	WDCM 00024	$P_R \geq 0.7$	Beige colonies
<i>Enterococcus faecalis</i>	WDCM 00087	$P_R \geq 0.7$	Beige colonies

P_R productivity rate (recovery rate)