

Casein Soya Bean Digest Agar (CASO Agar) acc. to harm. EP/USP/JP

TN 1031 500 g
TN 1033 5 kg



Intended use

Universal culture medium, inhibitor-free and indicator-free, for a wide range of applications. Culture medium for testing non-steril products. This culture medium is based on the recommendations of the harmonised method acc. to EP/USP/JP (2006).

Form

Powder

Colour

Bright beige

Storage

Dry, tightly closed, at 10...25 °C.

Shelf life

5 years

Directions

Suspend 40 g in 1 litre distilled water and heat until completely dissolved. Autoclave for 15 minutes at 121 °C.

Typical composition

Component	g/l
Pancreatic digest of casein	15.0
Papaic digest of soya bean	5.0
Sodium chloride	5.0
Agar	15.0

Final pH at 25 °C

7.3 ± 0.2

Microbiological quality control

Test strain without the addition of blood	Inoculum (CFU)	Recovery rate test/ inoc. in %	Colony morphology	Inkubation
<i>Salmonella</i> Typhimurium ATCC 14028	10-100	≥ 70 %	colonies are large, slightly yellowish	aerobically, max. 18 h, 30-35 °C
<i>Escherichia coli</i> ATCC 8739	10-100	≥ 70 %	colonies are large, slightly yellowish	aerobically, max. 18 h, 30-35 °C
<i>Staphylococcus aureus</i> ATCC 6538	10-100	≥ 70 %	colonies are medium-sized, slightly yellowish	aerobically, max. 18 h, 30-35 °C
<i>Pseudomonas aeruginosa</i> ATCC 9027	10-100	≥ 70 %	colonies are medium-sized, slightly yellowish	aerobically max. 18 h, 30-35 °C
<i>Bacillus subtilis</i> ATCC 6633	10-100	≥ 70 %	large, flat, dry, irregularly, bordered colonies	aerobically, max. 18 h, 30-35 °C
<i>Candida albicans</i> ATCC 10231	10-100	≥ 70 %	colonies are small, white and dry	aerobically, max. 48 h, 20-25 °C
<i>Aspergillus niger</i> ATCC 16404	10-100	good growth	dark brown or black conidia on light-coloured mycelium	aerobically, max. 72 h, 20-25 °C

Test strain with 5 % blood added	Inoculum (CFU)	Recovery rate test/ inoc. in %	Colony morphology	Incubation
<i>Staphylococcus aureus</i> ATCC 6538	10-100	≥ 70 %	β-haemolysis surrounds the colonies	aerobically, max. 18 h, 30-35 °C

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