

Cassein Soya-Bean Digest Broth (CASO Broth) acc. to harm. EP/USP/JP

TN 1263 500 g
TN 1255 5 Kg



Intended use

Culture medium for testing non-sterile 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

Typical composition

Dissolve 30 g in 1 litre of Aqua dest. And sterilize by autoclaving at 121 °C for 15 minutes.

Typical composition

Component

Pancreatic digest of casein	17.0
Papaic digest of soya beant	3.0
Sodium chloride	5.0
Dipotassium hydrogen phosphate	2.5
Glucose-monohydrate	2.5

Final pH at 25 °C

7.3 ± 0.2

Microbiological quality control

Test strain	Inoculum (CFU)	Turbidity	Incubation
<i>Salmonella Typhimurium</i> ATCC 14028	10-100	clearly visible	aerobically, max. 18 h, 30-35 °C
<i>Escherichia coli</i> ATCC 8739	10-100	clearly visible	aerobically, max. 18 h, 30-35 °C
<i>Staphylococcus aureus</i> ATCC 6538	10-100	clearly visible	aerobically, max. 18 h, 30-35 °C aerobically. Max 72 h, 20-25 °C
<i>Pseudomonas aeruginosa</i> ATCC 9027	10-100	clearly visible	aerobically, max. 18 h, 30-35 °C
<i>Streptococcus pyogenes</i> ATCC 12344	10-100	clearly visible	aerobically, max. 18 h, 30-35 °C
<i>Bacillus subtilis</i> ATCC 6633	10-100	clearly visible	aerobically, max. 18 h, 30-35 °C aerobically, max. 72 h, 20-35 °C
<i>Clostridium sporogenes</i> ATCC 19404	10-100	clearly visible	anaerobically, max. 18 h, 30-35 °C
<i>Candida albicans</i> ATCC 10231	10-100	clearly visible	aerobically, max. 48 h, 20-25 °C
<i>Aspergillus niger</i> ATCC 16404	10-100	clearly visible	aerobically, max. 72 h, 20-25 °C

Datum der Fassung: 2014/03/20

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