



Caso-Broth (Tryptone-Soya)

Version: 07/2022
M&S item numbers: 4021 (25 x 20 ml) and 5023 (4 x 250 ml)
Profile: Glass tubes and polycarbonate bottles
Color: Brownish, clear
Storage: Dark and dry at 4 – 12 °C
Shelf life: 8 months after production

Description and application range

Caso-Broth is used for the enrichment of microorganisms and for sterility testing. The formulation complies with DIN EN ISO 9308-1 and the harm. EP/USP. Caso-Broth is a universal nutrient medium without any inhibitors or other additives for cultivation of even fastidious microorganisms. The medium is manufactured and quality tested in compliance with ISO 11133:2014 + Amd 2:2020 standard.

Typical composition

Enzymatic digest of casein	17.0 g/l
Enzymatic digest of soy flour	3.0 g/l
Dextrose	2.5 g/l
Sodium chloride	5.0 g/l
Di-potassium hydrogen phosphate	2.5 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 qualitative analysis

Incubation: aerobically at 25-35 ± 2 °C for 18-48 h, approx. inoculum: 5 - 100 CFU

Microorganism	Test strain	Inoculum	Incubation	Result
<i>Escherichia coli</i>	WDCM 00012	< 5 CFU	20 h at 36°C	Strong turbidity
<i>Pseudomonas aeruginosa</i>	WDCM 00024	< 10 CFU	20 h at 36°C	Turbidity + flower
<i>Klebsiella aerogenes</i>	WDCM 00175	< 5 CFU	18 h at 36°C	Strong turbidity
<i>E. faecalis</i>	WDCM 00009	< 10 CFU	18 h at 36°C	Strong turbidity
<i>B. subtilis</i>	WDCM 00003	< 50 CFU	20 h at 30°C	Weak turbidity
<i>Staph. aureus</i>	WDCM 00034	< 20 CFU	22 h at 36°C	Strong turbidity
<i>Candida albicans</i>	DSM 1386	< 100 CFU	48 h at 25°C	Weak turbidity