Tryptic Soy (CASO) Broth Irradiated

Soyabean Casein Digest Broth

TN1083	500	g
TN1083-01	5	kg

Intended use

For sterility control of filling equipment (media-fill).

Form

Powder

Colour

Bright beige

Storage

Dry, tightly closed, at 10...30 °C.

Shelf life

4 years

Irradiation dose

Minimum dose	25 kGy
Maximum dose	100 kGy

Directions

Suspend 30 g in 1 litre sterile distilled water and mix until completely dissolved.

Typical composition

Component	g/l
Casein peptone (pancreatic hydrolysate)	17
Soya peptone (papaic digest of soyabean)	3
Sodium chloride	5
Dipotassium hydrogen phosphate	2.5
Glucose monohydrate	2.5

Final pH at 25 °C

7.3 ± 0.2

Quality control of the prepared culture medium

	Specification
Description/appearance	Clear, yellowish liquid
Stability test	Clear (7 days at room temperature)
Microbial status	No growth on culture media after 5 d at 20-25 °C and 30-35 °C

Microbiological quality control

Test strain	Inoculum (CFU)	Growth	Incubation
Staphylococcus aureus ATCC 6538 (WDCM 00032)	10-100	good growth	aerobically, max. 72 h, 30-35°C
Bacillus subtilis ATCC 6633 (WDCM 00003)	10-100	good growth	aerobically, max. 72 h, 30-35°C aerobically, max. 72 h, 20-25°C
Pseudomonas aeruginosa ATCC 9027 (WDCM 00026)	10-100	good growth	aerobically, max. 72 h, 30-35°C
Candida albicans ATCC 10231 (WDCM 00054)	10-100	good growth	aerobically, max. 72 h, 20-25°C
Aspergillus brasiliensis ATCC 16404 (WDCM 00053)	10-100	good growth	aerobically, max. 72 h, 20-25°C

Date of revision: 2025/03/07

Manufacturer: sifin diagnostics gmbh | Berliner Allee 317-321 | 13088 Berlin | Germany | T: +49 30 700 144-0 | F: +49 30 700 144-30 | info@sifin.de | www.sifin.de