Orange Serum Broth

TN1269 500 g

Intended use
Used for the isolation, cultivation and determination of the germ count of acid-tolerant spoilage organisms in fruit juices and fruit extracts.

Form
Powder

Colour
Bright beige

Storage
Dry, tightly closed, at 10...30 °C.

Shelf life
3 years

Typical composition Component	g/l
Casein peptone	10.0
Yeast extract	3.0
Orange serum (equivalent solids)	5.0
Glucose	4.0
Potassium dihydrogen phosphate	2.5
Dipotassium hydrogen phosphate	0.5

Directions
Suspend 25 g in 1 litre distilled water and heat gently until completely dissolved. Autoclave for 15 minutes at 121 °C. Avoid overheating!

Final pH at 25 °C
5.5 ± 0.2

Microbiological quality control

Test strain	CFU / tube *)	Growth	Incubation
Lactobacillus delbrueckii ATCC 7830	≤ 100	+	anaerobically, 40-48 h at 30 ± 1 °C
Lactobacillus plantarum ATCC 8014	≤ 100	+	anaerobically, 40-48 h at 30 ± 1 °C
Bacillus cereus ATCC 11778 (WDCM 00001)	≤ 100	+	aerobically, 18-24 h at 36 ± 1 °C
Candida albicans ATCC 10231 (WDCM 00054)	≤ 100	+	aerobically, 18-24 h at 36 ± 1 °C
Pseudomonas aeruginosa ATCC 27853 (WDCM 00025)	≤ 100	+	aerobically, 18-24 h at 36 ± 1 °C

*) Reference medium used: Blood Agar and Sabouraud Agar

Date of revision: 2026/08/10

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