

Orange Serum Broth

TN 1269 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...25 °C.

Shelf life

3 years

Typical composition

Component	g/l
Casein peptone	10
Yeast extract	3
Orange serum (equivalent solids)	5
Glucose	4
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	KBE / 10 ml	Growth	Incubation
<i>Bacillus cereus</i> ATCC 11778	10-100	+	aerobically, 18-24 h, at 36 ± 1 °C
<i>Pseudomonas aeruginosa</i> ATCC 27853	10-100	+	aerobically, 18-24 h, at 36 ± 1 °C
<i>Candida albicans</i> ATCC 10231	10-100	+	aerobically, 18-24 h, at 36 ± 1 °C
<i>Lactobacillus plantarum</i> ATCC 8014	10-100	+	anaerobically, 40-48 h, at 30 ± 1 °C
<i>Lactobacillus lactis</i> ATCC 7830	10-100	+	anaerobically, 40-48 h, at 30 ± 1 °C

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