

Orange Serum Agar

TN 1207 500 g
TN 12075 5 kg



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
Agar	15

Directions

Suspend 40 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	ATCC no.	Growth
<i>Lactobacillus brevis</i>		+
<i>Lactobacillus plantarum</i>		+
<i>Bacillus cereus</i>	11778	+
<i>Candida albicans</i>	10231	+
<i>Pseudomonas aeruginosa</i>	27853	+