

SABOURAUD BROTH

Powdered and ready to use medium for the cultivation
of yeasts, moulds and acidophilic bacteria.

TYPICAL FORMULA (g/l)

Tryptone	5
Peptone	5
Glucose	20

DIRECTIONS FOR POWDERED MEDIUM

Suspend 30g in 1000ml of cold distilled water; heat to dissolve, distribute and sterilise by autoclaving at 121°C for 15 minutes.

Final pH 5.7 ± 0.1

DESCRIPTION

Sabouraud Broth is used for the cultivation of yeasts, moulds and acidophilic bacteria. The meat and casein peptones in the medium provide the ingredients necessary for growth of yeasts and moulds. The acid pH inhibits the growth of bacteria, with the exception of those which are acidophilic. The addition of 4% HCl increases the inhibitory action of the medium on bacterial contamination.

TECHNIQUE

Once inoculated, Sabouraud Broth should be protected from light and incubated at 25-30°C for 1-4 weeks, or longer. Examine for growth by comparing turbidity to an un-inoculated control. Subculture onto an appropriate agar medium when growth is seen. Identification of fungi is performed by observing various aspects of colony morphology, characteristic microscopic structures, rate of growth. Yeasts are identified by performing various biochemical tests.

USER QUALITY ASSURANCE (25°C up to 7 days)

Productivity Control

C.albicans ATCC 10231: growth

T.mentagrophytes ATCC 9533: growth

STORAGE

Dehydrated medium: 10-30°C

User prepared tubes: 3 months at 2-8°C

PACKAGING

4020001	Sabouraud Broth	100g (3.3 l)
4020002	Sabouraud Broth	500g (16.7 l)
4020004	Sabouraud Broth	5kg (167 l)
552000	Sabouraud Broth	20 x 9 ml ready to use tubes
5120002	Sabouraud Broth	6 x 100ml ready to use flasks