

M 17 BROTH

For the improved growth of lactic streptococci and their bacteriophages

TYPICAL FORMULA (g/l)

Tryptic Digest of Casein	2.50
Peptone	2.50
Soy Peptone	5.00
Yeast Extract	2.50
Beef Extract	5.00
Sodium Glycerophosphate	19.00
Magnesium Sulphate	0.25
Ascorbic Acid	0.50
Lactose	5.00

DIRECTIONS

Suspend 42.2g of powder in 1000ml of cold distilled water. Heat to boiling, distribute and sterilise by autoclaving at 121°C for 15 minutes.

Final pH 7.1 +/- 0.1

DESCRIPTION

M17 Broth is suitable liquid medium for the maintenance of starter cultures. It is used in conjunction with M17 in bacteriophage assay described by Terzaghi and Sandine.

User quality assurance (37°C - 48hr)

Productivity Control

S.thermophilus ATCC 14485: growth

Selectivity control

L.bulgaricus ATCC 11842: partially or completely inhibited

STORAGE

Dehydrated medium: 10-30°C

User prepared flasks: 7 days at 2-8°C

REFERENCES

- Terzaghi, B.E., Sandine, W.E. (1975) App. Microbiol. **29**, 807

PACKAGING

4017201	M17 Broth	100 g (2.4 l)
4017202	M17 Broth	500 g (11.9 l)