

MAST® Culture Media and Supplements

Technical Information Sheet

Product Code DM 218



T.C.B.S. Cholera Medium

For the bacteriological examination of food, water, milk and other dairy products.

1. Description

MAST T.C.B.S. Cholera Medium is slightly modified from that of Kobayashi et al. (1963)¹. It has the advantage that all faecal streptococci and most *Proteus* spp. are

inhibited. Thus the differentiation of yellow *Vibrio cholera* colonies from contaminating streptococci is unnecessary.

2. Technical Formula*

Formula	grams per litre
Selected peptone mixture	17.0
Sodium chloride	10.0
Sodium citrate	10.0
Ferric citrate	1.0
Bile salts	3.0
Thymol blue	0.04
Yeast extract	5.0
Sodium thiosulphate	10.0
Sucrose	20.0
Bromothymol blue	0.04
Agar	14.0
pH approx 8.6	

3. Directions

1. Suspend by swirling 90g of powder in 1 litre or the contents of the sachet in the stated volume of distilled or deionised water in a large flask.
2. Allow to stand for 15 minutes and bring to the boil until completely dissolved. DO NOT AUTOCLAVE.
3. Allow to cool to about 50°C, mix well and pour plates.
4. Immediately dry plates in an incubator.

4. References

1. Kobayashi T, Enomoto S, Sarkazaki R, Kuwahara S. *Jap J Bacteriol.* 1963; **18**: 387-391





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*Formulation may be modified to meet performance criteria

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