

MAST® Culture Media and Supplements

Technical Information Sheet

Product Code DM 179



Nutrient Agar

A general purpose growth medium.

1. Description

Nutrient Agar is an inexpensive medium suitable for the cultivation of all bacteria which are nonexacting in their growth requirements. It functions therefore, as a general purpose medium for the maintenance of stock cultures and as a useful demonstration and teaching aid. Adequate salt and agar concentrations

permit the addition of blood, serum or other enriching fluids where these are required. However for the successful growth of fastidious organisms, a medium such as Columbia Agar (DM115), Blood Agar Base (DM100) or Blood Agar Base Special (DM101) is to be preferred.

2. Technical Formula*

Formula	grams per litre
Peptone A	6.0
Beef extract (RM20)	1.0
Agar	14.0
Yeast extract	2.0
Sodium chloride	5.0
pH approx.7.3	

3. Directions

1. Suspend by swirling 28g of powder in 1 litre or the contents of the sachet in the stated volume of distilled or deionised water.
2. Autoclave at 121°C (15 p.s.i.) for 15 minutes.
3. Mix well before pouring.



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*Formulation may be modified to meet performance criteria

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