

Rev From	Rev To	ECO #	Date	Appr.
0999	0803	1365-03		

Notes:

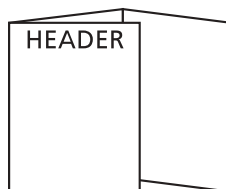
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- Style (see illustrations below): #2



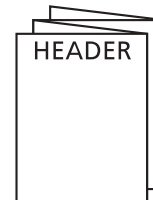
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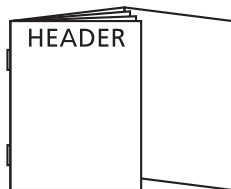


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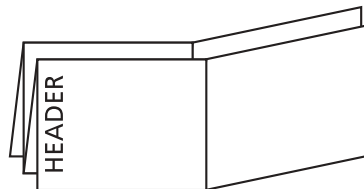
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#6



#7



- See Specification Control No. Difco for Material Information
- Ink Colors: Printed two sides Yes No
 No. of Colors: 1 PMS #2755 Blue
- Graphics are approved by Becton, Dickinson and Company. Supplier has the responsibility for using the most current approved revision level.

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Proofer	Date			
Checked By	Date			
Part Number: S1076JAA		Category and Description Package Insert Difco Supplement C	Sheet: 1 of 4 Scale: 1 : 1	A

BD Difco™ Supplement C

S1076JAA
2003/08

INTENDED USE

Difco™ Supplement C is a desiccated yeast concentrate used to supplement media for cultivating fastidious organisms with exacting growth requirements.

SUMMARY AND EXPLANATION

Mattman¹ used blood agar with Supplement C for studying the hemolytic reactions of streptococci and pneumococci.

PRINCIPLES OF THE PROCEDURE

Difco Supplement C contains the thermolabile and thermostable growth accessory factors of fresh yeast, including glutamine, coenzyme (V factor), hematin (X factor), cocarboxylase and other growth factors required for the growth of fastidious organisms.

REAGENTS

Difco Supplement C

Approximate Formula* Per Vial (Rehydrated)

Hematin Yeast Extract	5.0	mL
L-Glutamine	15.0	mg
Coenzyme	0.6	mg
Growth Factor	0.45	mg
Cocarboxylase	0.2	mg

*Adjusted and/or supplemented as required to meet performance criteria.

Warnings and Precautions:

For Laboratory Use.

Storage Instructions: On receipt, store at 2 – 8°C in the dark. Avoid freezing and overheating. Do not open until ready to use. Minimize exposure to light. Allow the reagent to warm to room temperature before use.

Product Deterioration: Do not use if product shows evidence of microbial contamination, evaporation, or other signs of deterioration.

PROCEDURE

Material Provided: Difco Supplement C

Material Required But Not Provided: Ancillary culture media, reagents, quality control organisms and laboratory equipment as required for this procedure.

Test Procedure: Observe aseptic techniques.

Rehydrate **Difco** Supplement C by aseptically adding 5 mL of sterile purified water. Replace the stopper and rotate the container to obtain complete solution of the contents.

Add rehydrated **Difco** Supplement C in a 1% concentration to the desired sterile medium, cooled below 50 °C.

User Quality Control

Add **Difco** Supplement C to an appropriate dehydrated medium (e.g., GC Agar Base) prepared according to label directions. Test samples of the complete medium for performance using stable, typical control organisms.

RESULTS

Refer to appropriate references and procedures for results.

AVAILABILITY

Cat. No. Description

252710 **Difco** Supplement C, 6 x 5 mL

REFERENCE

1. J. Lab. Clin. Med., 42: 485. 1953.

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