

Department	Micro Laboratory	Document no	MICLAB – METHOD 021		
Title	Preparation for CFC Agar				
Prepared by:		Date:		Supersedes:	
Checked by:		Date:		Date Issued:	
Approved by:		Date:		Review Date:	

1.0 **SUMMARY OF CHANGES**

Version #	Revision History
MICLAB – METHOD 021	New

2.0 **PURPOSE**

This document describes the method for preparation of CFC agar.

3.0 **SCOPE**

This medium is a selective agar used for the isolation of Pseudomonas.

4.0 **RESPONSIBILITY \ BUSINESS RULES**

All microbiology staff.

5.0 **PROCEDURE**

5.1 Materials and Reagents required

- 5.1.1 Sterile Petri dishes.
- 5.1.2 50% ethanol solution (sterile).
- 5.1.3 Sterile 1mL pipettes.
- 5.1.4 Ceftrimide, Fucidin, Cephaloridine (CFC) supplement (Oxoid SR103).
- 5.1.5 Pseudomonas Agar Base (PAB) 150mL volumes. Refer to MICLAB – METHOD 022.

5.2 Method

- 5.2.1 Melt required volume of PAB.
- 5.2.2 Cool to approximately 50°C.
- 5.2.3 Using sterile pipettes, aseptically add 2mL of sterile 50% ethanol solution to the CFC supplement vial. Shake to dissolve.
- 5.2.4 Add 0.63mL of supplement per 150mL PAB.
- 5.2.5 Swirl to mix gently and pour plates.

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5.3 Quality Control Requirements

QUALITY CONTROL REQUIREMENTS			
STORAGE:	BULK	-	N/A
	POURED PLATES	-	2 weeks in fridge (2-8°C)
ECOMETRIC EVALUATION / FERTILITY			
CONTROL ORGANISMS:			
Positive:	Pseudomonas aeruginosa A.T.C.C 9027	Negative:	N/A
Growth Index:	≥ 3		N/A
INCUBATION CONDITIONS:			
Temperature:	30 ± 1°C	Time:	48 hours

6.0 DEFINITIONS / ACRONYMS

NA

7.0 REFERENCES

7.1 The Oxoid Manual 8th Edition 1998.

7.2 MICLAB – METHOD 022 preparation of Pseudomonas Agar Base (Oxoid CM 559).