Department	Micro Laboratory		Document no	MICLAB – ME	FHOD 022
Title	Method for preparation of Pseudomonas Agar Base (Oxoid CM 559)				
Prepared by:	Dat	te:		Supersedes:	
Checked by:	Dat	te:		Date Issued:	
Approved by:	Dat	te:		Review Date:	

1.0 SUMMARY OF CHANGES

Version #	Revision History
MICLAB –	New
METHOD 021	

2.0 **<u>PURPOSE</u>**

This procedure describes the method for preparation of Pseudomonas Agar Base (Oxoid CM 559)

3.0 <u>SCOPE</u>

Pseudomonas Agar Base is used for the selective isolation of Pseudomonas species when supplemented with SR102 or SR103.

4.0 **RESPONSIBILITY \ BUSINESS RULES**

These instructions apply to all staff in the microbiology laboratory.

5.0 **PROCEDURE**

5.1. MATERIALS REQUIRED

5.1.1	Pseudomonas Agar Base (PAB) powder (Oxoid CM 559)
5.1.2	1M NaOH and 1M HCl
5.1.3	Glycerol BP item number C07A027
5.1.4	Beaker (Microwaveable)
5.1.5	Measuring Cylinder
5.1.6	Plastic Pipettes
5.1.7	500ml Schott bottles
5.1.8	RO water
5.1.9	Plastic Spoon

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5.2 WORK INSTRUCTIONS

5.2.1	Weigh out 48.4g per litre of PAB powder into a beaker.
5.2.2	Add 500mL RO water and 10mL per litre of Glycerol, mix well.
5.2.3	Dissolve on high setting in microwave with frequent stirring.
5.2.4	When dissolved, make up to required volume with RO water, mix well
5.2.5	Adjust pH to 7.0
5.2.6	Dispense 150 or 400mL amounts into flat medical and Schott bottles respectively, using automatic dispenser.
5.2.7	Sterilise by autoclaving at 121°C for 15 minutes.
5.2.8	pH after autoclaving should be 7.1 ± 0.2 .

5.3 QUALITY CONTROL REQUIREMENTS

5.3.1 Record all details of media preparation in SF150712.

QUALITY CONTROL REQUIREMENTS				
STORAGE :	BULK	3 months in dark cupboard		
	POUR	RED PLATES	2 weeks in t	fridge
ECOMETRIC EVALUATION/FERTILITY				
CONTROL ORGANISMS:				
Positive: Pseudomonas aeruginosa A.T.C.C 9027 Negative: N/A				
Growth In	ndex: ≥3		Growth I	index: N/A
Incubation Conditions: Temperature: 30+/-1°C Time: 48 hrs				

6.0 **DEFINITIONS / ACRONYMS**

NA

7.0 **<u>REFERENCES</u>**

7.1 The Oxoid Manual 8th Edition, 1998.