

PP2664 FAC AGAR**FORMULA***

Ammonium Sulphate	0.5	gm per litre
Sodium Nitrate	0.5	
di-Potassium Hydrogen Orthophosphate	0.5	
Magnesium Sulphate	0.5	
Ammonium Iron Citrate	10.0	
Bacteriological Agar	15.0	
pH = 6.6 ± 0.2		

* Formulation may be adjusted and/ or supplemented to meet performance criteria

DESCRIPTION ⁽¹⁾

Customer specific formulation for the comparative recovery of *Pseudomonas*

QUALITY CONTROL

ORGANISMS: *E.coli* MVQC 0014 (ATCC™11775) and *P.aeruginosa* MVQC 0092 (ATCC™10145)

SAMPLE NUMBER: Sample size is determined in accordance with ASM Guidelines⁽²⁾.

STERILITY: Those plates not used for bacteriological testing and other quality assurance procedures must be incubated at 30°C for 3 days after which they are examined for sterility.

INOCULUM: As described in TFS MBD QSP 1105, inoculate the specified test organisms into the media using Working Culture B ($\leq 10^2$ cfu) or Working Culture A ($\geq 10^4$)

INCUBATION: 24 - 48 hours / 35°C / aerobically

EXPECTED RESULTS:

<i>E.coli</i>	<1+ Inhibited with working culture A
<i>P.aeruginosa</i>	4-5+ Growth Metallic Silver/ Brown Colonies with working culture B

ALSO CHECKED AND RECORDED

1. Batch number correct
2. Colour
3. Clarity
4. Final pH – 6.6 ± 0.2
5. Gel strength
6. Sterility
7. Correctly Labelled- FAC AGAR

STORAGE

A shelf life of 8 weeks applies when this product is stored at 2 - 8°C in its original packaging.

Store plates away from direct sunlight and overhead lighting

REFERENCES

1. Data on file
2. *Guidelines for Assuring Quality of Food and Water Microbiological Culture Media*. 2014. Culture Media Special Interest Group, Australian Society for Microbiology