BIOMARK Laboratories-INDIA www.biomarklabs.com TECHNICAL SHEET

Formula Ingredients : gms/lit. Peptic digest of animal tissue 20.00 Potasium sulphate 10.00 Magnesium chloride 1.40 Agar 15.00 Final pH (at 25°C) : 7.0 ± 0.2 Directions : Suspend 46.4 grams in 1000 ml purified / distilled water containing 10 ml glycerol. Heat to boiling to dissolve the medium completely. Sterilize by autoclaving at 15 lbs pressure (121°C) for 15 minutes. Cool to 45-50°C. Mix well and pour into sterile Petri plates. Principle : Peptone provides the carbon and nitrogen sources required for good growth. Glycerol is a carbon source. Magnesium chloride and potassium sulfate stimulate pyocyanin production. Agar is a solidifying agent. QC Tests - (1)Dehydrated Medium Cream to yellow Colour : Cream to yellow Appearance : Homogeneous Free Flowing powder (II)Rehydrated medium Clear to slightly opalescent (III)Rehydrated medium Clear to slightly opalescent Cultural characteristics observed after 18 - 48 hrs.at 35 - 37°C. MICRODRGANISM (ATCC) GROWTH COLOUR OF MEDIUM Pseudomonas aeruginosa (27853) Luxuriant Blue - green Pseudomonas aeruginosa (27853)	B303	PSEUDOMONAS AGAR (FOR PYOCYANIN)								
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	B303	46.4g/l				0.2	NIL	121ºC / 15 minutes		

Disclaimer:

User must ensure suitability of the product(s) in their application prior to use. Products conform solely to the information contained in this and other related BIOMARKLABORATORIES publications.

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