

## TMV 830 – POLYSORBATE 80 AGAR (DOUBLE PACK) (VEG.)

### INTENDED USE

For cultivation of variety of microorganisms.

### PRODUCT SUMMARY AND EXPLANATION

Polysorbate 80 Agar (Veg) is prepared by using Veg peptone in place of peptic digest of animal tissue which is free from BSE/TSE risks. This medium is the modification of Polysorbate 80 Agar which is recommended for the cultivation of variety of microorganisms. It is a nutritional medium containing neutralizing agent.

### COMPOSITION

Ingredients	Gms / Ltr
<b>PART I</b>	
Veg peptone	10.00
Agar	15.00
<b>PART II</b>	
Polysorbate 80	10.00

### PRINCIPLE

This medium consists of Veg peptone which provide the necessary nutrients for the growth of the organisms. Polysorbate 80 provides fatty acids for the metabolism of the organisms and neutralizes phenolic disinfectants, hexachlorophene and formalin.

### INSTRUCTION FOR USE

- Dissolve 25.0 grams of Part I in 990 ml distilled water.
- Heat to boiling to dissolve the medium completely. Add 10 ml of Part II.
- Mix well and sterilize by autoclaving at 15 psi pressure (121°C) for 15 minutes.

### QUALITY CONTROL SPECIFICATIONS

**Appearance of Powder** : Part I: Yellow coloured, may have slightly greenish tinge, homogeneous, free flowing powder. Part II: Colourless, clear viscous liquid.

**Appearance of prepared medium** : Yellow coloured clear gel forms in Petri plates.

**pH (at 25°C)** : 7.2 ± 0.2

### INTERPRETATION

Cultural characteristics observed after incubation.

Microorganism	ATCC	Inoculum (CFU/ml)	Growth	Recovery	Incubation Temperature	Incubation Period



<i>Escherichia coli</i>	25922	50-100	Good-luxuriant	>=50%	35-37°C	18-24 Hours
<i>Bacillus subtilis</i>	6633	50-100	Good-luxuriant	>=50%	35-37°C	18-24 Hours
<i>Staphylococcus aureus</i>	25923	50-100	Good-luxuriant	>=50%	35-37°C	18-24 Hours
<i>Candida albicans</i>	10231	50-100	Good-luxuriant	>=50%	35-37°C	18-24 Hours

**PACKAGING:**

In pack size of 500 gm bottles.

**STORAGE**

Dehydrated powder, hygroscopic in nature, store in a dry place, in tightly-sealed containers between 2-8°C and protect from direct sunlight. Under optimal conditions, the medium has a shelf life of 4 years. When the container is opened for the first time, note the time and date on the label space provided on the container. After the desired amount of medium has been taken out replace the cap tightly to protect from hydration.













**Product Deterioration:** Do not use if they show evidence of microbial contamination, discoloration, drying or any other signs of deterioration.

**DISPOSAL**

After use, prepared plates, specimen/sample containers and other contaminated materials must be sterilized before discarding.

**REFERENCES**

1. Favero (chm.) 1967, Microbiological sampling of surfaces, Biological Contamination Control Committee, American Asso. For Contamination Control.

 GMP Good Manufacturing Practices Certified	 IVD For In Vitro Diagnostic Use	 QTY. Quantity	 LOT/ B. NO. Lot / Batch Number	 REF Cataloge Number	 Manufacturer
 Temperature Unit	 EC REP Authorized Representative <small>MedNet GmbH Barkstrasse 10, 48163 Moenster, Germany</small>	 European Conformity	 QR Code	 Consults Instructions for Use	 Best Before

**NOTE:** Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

**\*For Lab Use Only**  
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