

Product Name : Pseudomonas Agar P (Pyocyanin)

Dehydrated medium for the isolation of *Pseudomonas spp.*

TYPICAL FORMULA (G/L)

Pancreatic Digest of Casein 20.0
Magnesium Chloride 1.4
Potassium Sulphate 10.0
Agar 15.0
Final pH = 7.0 ± 0.2 at 25°C

DIRECTIONS

Suspend 46.4 G of powder in 990 mL of distilled or deionized water. Add 10 mL of Glycerol supplement (MB-G1821). Heat until completely dissolved. Dispense in final containers. Sterilize in autoclave at 121 °C for 15 minutes.

DESCRIPTION

Pseudomonas Agar P (Pyocyanin) is a dehydrated medium for the isolation of *Pseudomonas spp.*

TECHNIQUE

Inoculate a well-isolated colony streaking on the agar surface, using a sterile loop. Incubate at 36 ± 1°C for 18-24 hours.

QUALITY CONTROL

Dehydrated medium

Appearance: free-flowing, homogeneous.

Color: light beige.

Prepared medium

Appearance: slightly opalescent.

Color: light to medium amber.

Incubation conditions: 36 ± 1 °C / 18-24 hours / aerobiosis.

Microorganism	ATCC	Growth	Colonies Color
<i>Pseudomonas aeruginosa</i>	9027	good	blue
<i>Pseudomonas aeruginosa</i>	27853	good	blue
<i>Pseudomonas cepacia</i>	25609	good	colorless

STORAGE

The powder is very hygroscopic: store the powder at room temperature, in a dry environment, in its original container tightly closed and use it before the expiry date on the label or until signs of deterioration or contamination are evident. Store prepared medium at 2-6°C.

REFERENCES

1. Kiska and Gilligan. 1999. In Murray, Baron, Pfaller, Tenover and Tenover (ed.), Manual of clinical microbiology, 7th ed. American Society for Microbiology, Washington, D.C.
2. Forbes, Sahm and Weissfeld. 1998. Bailey & Scott's diagnostic microbiology, 10th ed. Mosby, Inc., St. Louis, Mo.
3. King, Ward and Raney. 1954. J. Lab. Clin. Microbiol. 44:301.
4. United States Pharmacopeial Convention, Inc. 2001. The U.S. pharmacopeia 25/The national formulary 20 – 2002. United States Pharmacopeial Convention, Inc., Rockville, Md.

Product Name : Pseudomonas Agar P (Pyocyanin)

PACKAGING

Cat. No : MB-P1310 Pseudomonas Agar P (Pyocyanin)	500 G
--	-------