

## PRODUCT INFORMATION

Pseudomonas F Agar

Cat. No. P16-112

### DESCRIPTION

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### FORMULA (g/L)

Casein peptone	10.0 g	Peptic digest of animal tissue (Bovine)	11.4 g
Agar	13.4 g	Potassium phosphate dibasic	1.5 g
Magnesium sulfate heptahydrate	1.5 g	L-Tartaric acid	0.2 g

Final pH: 7.0 ± 0.2 at 25 °C

\*Grams per liter may be adjusted or formula supplemented to obtain desired performance.

### PREPARATION

Mix 38 grams of the medium in one liter of purified water until evenly dispersed. Heat with repeated stirring and boil for one minute to dissolve completely. Distribute and autoclave at 121°C for 15 minutes.

### QUALITY CONTROL SPECIFICATIONS

1. The powder is homogenous, free flowing and light beige to beige.
2. Visually the prepared medium is light yellow beige, with trace to light haze.
3. Expected cultural response after 18-24 hours at 35 °C ± 2°C.

ORGANISM	GROWTH	CHARACTERISTIC REACTION
<i>Escherichia coli</i> ATCC 25922	Good Growth	White-creamy
<i>Pseudomonas aeruginosa</i> ATCC 10145	Good Growth	Pale to medium green
<i>Pseudomonas aeruginosa</i> ATCC 27853	Good Growth	Very pale yellow-green to light green



## **STORAGE**

Store the sealed bottle containing the dehydrated medium at 2 to 30°C. Once opened and recapped, place the container in a low humidity environment at the same storage temperature. Protect it from moisture and light. The dehydrated medium should be discarded if it is not free flowing or if the color has changed from the original color.

Version 01 – Date 08/01/24