

# Pluronic® F-68

Cell Culture Tested

Product Code: TC222

## Product Description :

Average Molecular Weight: 8400 approx.  
Molecular Formula:  $(C_3H_6O.C_2H_4O)_X$   
CAS No.: 9003-11-6  
Synonym: Poloxamer

Pluronic® F-68 is a co-polymer of ethylene and propylene oxide. It is a non-ionic detergent and is used as an anti-foaming agent in cell culture. It helps in stabilizing the cell membranes against the shear forces exerted during batch culture processes. It is suitable for insect cell culture.

## Storage and Shelf Life:

Store at 10-30°C away from bright light.  
Shelf life is 48 months.  
Use before expiry date given on the product label.

Pluronic® is a registered trademark of BASF Corporation.

## Quality Control:

### Appearance

White prill /cast solid.

### Solubility

Clear colorless solution at 10gm in 100ml of water .

### pH of 2.5% solution in water

5.00 -7.50

### Water content(prill/cast)solid

0.4% to 0.75%

### Melting Point

50.00°-55.00°

### Cell Culture Test

Passes

## Disclaimer :

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