



## PRODUCT SPECIFICATION SHEET

### Phenol Red Indicator (IR007)

#### Use

Phenol red is used as a pH indicator.

#### Principle

Phenol red indicator color exhibits a gradual transition from yellow to red over the pH range 6.8 to 8.2. Above pH 8.2, phenol red turns a bright pink color. This solution contains a pH indicator which helps in monitoring of the pH changes in the cell culture. It will change from red to yellow when the pH value decreases.

#### Formulation

Ingredients	Formula / Litre
Phenol red	1.0
Sodium hydroxide 0.01M	112.8ml
Deionised water	887.2ml

#### Storage And Stability

1. Store the bottle in dry, cool and dark place at 10-30°C.
2. The shelf life of reagents is as per the expiry date mentioned on the reagent bottle labels.

#### QUALITY CONTROL

**Appearance:** Reddish orange coloured solution.

**Clarity:** Clear without any particles

#### Reaction

At pH 6.8 the indicator is yellow and at pH 8.4, the indicator turns red.

#### Packaging

Product Name : **Phenol Red Indicator**

Product Code : **IR007**

Available Pack sizes : **500ml/100ml**

#### REFERENCES

1. Text Book of Medical Laboratory Technology ; Praful B. Godkar

#### Further Information

For further information please contact your local MICROMASTER Representative.








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