

Phenol Red

Learn how to make phenol red solution and about its pH range.

Materials

Phenol Red Sodium Salt (item #879851)
Distilled Water (item #858621)
Glass Bottle (item #716292)
Stir Bar
Magnetic Stir Plate (item #701023)
Erlenmeyer Flask, 100-mL (item #731031)
Graduated Cylinder (item #721744)
Label

Don't want to make it yourself?
Find phenol red solution at Carolina.com

Item Numbers
879875, 879877

Procedure

Dissolve 1 g of phenol red salt into 100 mL of water.

Label Information

Phenol Red

Skin and eye irritant

Date Prepared: _____

Initials of Preparer: _____

Health Risk: 1

Flammability: 0

Reactivity: 0

Applications

Phenol red is primarily used as an indicator from pH 6.8 (yellow) to 8.4 (red).

Reference

Brandwein, P. F., and E. Morholt. 1986. *A sourcebook for the biological sciences*, 3rd ed. Orlando, FL: Harcourt Brace Jovanovich, 1986, p. 138.