

Methyl Red

Learn how to make methyl red solution, used as a pH indicator.

Materials

Methyl Red
Ethyl Alcohol, 95% (item #861281)
Stir Bar
Magnetic Stir Plate (item #701023)
Erlenmeyer Flask, 500-mL (item #731030)
Graduated Cylinder (item #721744)
Label

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

Item Numbers
875505, 875503

Procedure

Add 1 g of methyl red solution to 300 mL of 95% ethanol.

Label Information

Methyl Red

Flammable; eye and lung irritant

Date Prepared: _____

Initials of Preparer: _____

Health Risk: 2

Flammability: 3

Reactivity: 0

Applications

Methyl red is used as an indicator, showing color change from red (pH 4.2) to yellow (pH 6.3).

Reference

Brandwein, P. F., and E. Morholt. 1986. *A sourcebook for the biological sciences*, 3rd ed. Orlando, FL: Harcourt Brace Jovanovich, 1986, p. 159.