

# Bromcresol Green

Learn how to make bromcresol green solution and find out its pH range.

## Materials

Distilled Water (item #858621)  
Bromcresol Green (item #848930)  
Ethanol, 95% (item #861281)  
Stir Bar  
Amber Bottle  
Magnetic Stir Plate (item #701023)  
Erlenmeyer Flask, 500-mL (item #731030)  
Label

### Don't want to make it yourself?

Find bromcresol green solution at Carolina.com

#### Item Number

848943

## Procedure

### To make indicator solution:

1. Add 0.1 g of bromcresol green to 100 mL of 95% ethyl alcohol (ethanol).

## Notes

- Indicator turns from yellow at pH 4 to blue at pH 5.6.

## Label Information

Bromcresol Green, 0.1% in Alcohol

Flammable, toxic by ingestion

Date Prepared: \_\_\_\_\_

Initials of Preparer: \_\_\_\_\_

Health Risk: 1

Flammability: 3

Reactivity: 0

## Applications

Bromcresol green can be used to make pH indicator solution as noted above.

## Reference

Brandwein, P. F., and E. Morholt. 1986. *A sourcebook for the biological sciences*, 3rd ed. Orlando, FL: Harcourt Brace Jovanovich, 1986, p. 157.