

Nigrosin

Learn how to make nigrosin solution and use it to stain protozoa.

Materials

Nigrosin (item #877340)
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 nigrosin solution at Carolina.com

Item Numbers

877363, 877365, 877383, 877385

Procedure

Dissolve 10 g of nigrosin into 100 mL of distilled water.

Label Information

Nigrosin

Date Prepared: _____

Initials of Preparer: _____

Health Risk: 0

Flammability: 1

Reactivity: 0

Applications

Nigrosin can be applied to smears of protozoa; use with some carmine in order to stain food vacuoles.

Reference

Brandwein, P. F., and E. Morholt. 1986. *A sourcebook for the biological sciences*, 3rd ed. Orlando, FL: Harcourt Brace Jovanovich, 1986, p. 137.