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## Product Information

**EOSIN Y**  
**Disodium**  
(C.I. 45380)

Product No. **E 5388**  
Store at room temperature.

### Product Description

Suitable for use as a staining solution for basic proteins in acid-urea polyacrylamide gels.

### PROCEDURE FOR STAINING SOLUTION:

Reagents required but not provided:

- Sodium Hydroxide
- Acetic Acid

1. For a standard size gel (14 cm x 16 cm x 1.5 mm), prepare 300 mls of a 0.25% (w/v) Eosin Y Disodium solution in 0.1 N sodium hydroxide.
2. Place the gel in the staining solution for 30 seconds.
3. Destain the gel in distilled water for approximately 15 minutes with shaking until a clear background is obtained (Gel should not remain in distilled water for longer than 30 minutes.).
4. Store the gel in 5% acetic acid (v/v) at room temperature.
5. If necessary, the gel may be scanned at 515 nm.

- Ref:** 1. H.J. Conn's Biological Stains, 9th ed., ed. by Lillie, R.D., p. 342, Williams and Wilkins, Baltimore, MD. (1990).  
2. Selsted, M.E., & Becker, H.W. Anal. Biochem. 155, 270 (1986).

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