

U - Uracil R.... Urea R

Uracil R Pyrimidine-2,4(1*H*,3*H*)-dione; C₄H₄N₂O₂.

A commercially available reagent of suitable grade.

Uranyl acetate R

C₄H₆O₆U·2H₂O (SRIP, 1963, p. 213).

Uranyl/zinc acetate TS

Procedure. Dissolve 10 g of uranyl acetate R by heating with 50 mL of water and 5 mL of acetic acid (~300 g/L) TS; dissolve 30 g of zinc acetate R by heating with 30 mL of water and 3 mL of acetic acid (~300 g/L) TS. Mix the two solutions, allow to cool to room temperature and remove by filtration any solid material that separates.

Urea R

CH₄N₂O (SRIP, 1963, p. 214).