COMPONENTS:	ORIGINAL MEASUREMENTS:
(1) 2,7-Naphthalenedisulfonic acid, 6-(acetylamino)-3-[[4-(aminosulfonyl)-phenyl]azo]-4-hydroxy-, disodium salt (Prontosil S); $C_{18}H_{14}N_4Na_2O_{10}S_3$; [133-60-8] (2) 2-Propanone (acetone); C_3H_6O; [67-64-1]	Gutierrez, F. H. *Anales fis. quim. (Madrid)* 1945, *41*, 537-60.
VARIABLES: One temperature: 20°C	**PREPARED BY:** R. Piekos

EXPERIMENTAL VALUES:

$$G = \frac{p\ 100}{P - p} < 1 \times 10^{-3} \text{ at } 20^{\circ}C,$$

where p is the weight of solute and P is the weight of solution.

AUXILIARY INFORMATION

METHOD/APPARATUS/PROCEDURE:

Acetone was agitated with Prontosil S for 2 h in a specially constructed all-glass app. A residue left after evapn of the solvent could not be detd gravimetrically. Prontosil S was thus said to be practically insol in acetone.

SOURCE AND PURITY OF MATERIALS:

The source of the materials was not specified. Pure, anhyd acetone was used. The absence of impurities and water was confirmed by procedures of the German Pharmacopeia VI and Spanish Pharmacopeia VIII. The purity of Prontosil S was not specified.

ESTIMATED ERROR:

Soly: not specified.
Temp: ±0.1°C (author).

REFERENCES:

COMPONENTS:	ORIGINAL MEASUREMENTS:
(1) Benzenesulfonamide, 4-amino-N-methyl; $C_7H_{10}N_2O_2S$; [1709-52-0] (2) Water; H_2O; [7732-18-5]	Kitao, K.; Kubo, K.; Morishita, T.; Yata, N.; Kamada, A. *Chem. Pharm. Bull.* 1973, *21*, 2417-26.
VARIABLES: One temperature: 37°C	**PREPARED BY:** R. Piekos

EXPERIMENTAL VALUES:

Solubility of 4-amino-N-methylbenzenesulfonamide in water at 37°C is 94.5 mmol dm^{-3} solution.

AUXILIARY INFORMATION

METHOD/APPARATUS/PROCEDURE:

The sulfonamide was assayed by diazotization. No details were given.

SOURCE AND PURITY OF MATERIALS:

The sulfonamide was synthesized by the authors. Its purity was not specified.

Deionized water was used.

ESTIMATED ERROR:

Soly: not specified.

Temp: ±1°C (authors).

REFERENCES: