COMPONENTS:	ORIGINAL MEASUREMENTS:
(1) Benzenesulfonamide, 4-amino-N-4-[4-(4-biphenylyl)-2-thiazolyl]-; $C_{21}H_{17}N_3O_2S_2$; [71119-15-8] (2) Water; H_2O; [7732-18-5]	Roblin, R. O., Jr.; Williams, J. H. Winnek, P. S.; English, J. P. *J. Am. Chem. Soc.* 1940, *62*, 2002-5.
VARIABLES: One temperature: 37°C	PREPARED BY: R. Piekos

EXPERIMENTAL VALUES:

Solubility of 4-amino-N-4-[4-(4-biphenylyl)-2-thiazolyl]benzenesulfonamide in water at 37°C is 0.1 mg/100 cm^3 solution (2 x 10^{-6} mol dm^{-3}, compiler).

AUXILIARY INFORMATION

METHOD/APPARATUS/PROCEDURE:	SOURCE AND PURITY OF MATERIALS:
Excess sulfonamide in water was heated and stirred on a steam bath for 30 min. The suspension was then agitated for 24 h in a thermostat at 37°C. A sample of the satd soln was withdrawn through a glass filter, dild, and analyzed by the Marshall method (1) using a General Electric recording spectrophotometer for comparing the colors developed with those of the standards.	The sulfonamide was prepd by the authors. Mp 304-5°C (cor, dec). Anal: %C 51.1 (calcd 51.1); %H 3.9 (3.6) ; %N 13.6 (13.8). Purity of the water was not specified.
	ESTIMATED ERROR: Nothing specified
	REFERENCES: 1. Bratton, A. C.; Marshall, E. K., Jr. *J. Pharmacol.* 1939, *66*, 4.