

<b>COMPONENTS:</b> (1) Benzenesulfonamide, 4-amino-N-methyl-; $C_7H_{10}N_2O_2S$ ; [1709-52-0] (2) Methane, trichloro-; $CHCl_3$ ; [67-66-3]	<b>ORIGINAL MEASUREMENTS:</b> Kitao, K.; Kubo, K.; Morishita, T.; Yata, N.; Kamada, A. <i>Chem. Pharm. Bull.</i> <u>1973</u> , <i>21</i> , 2417-26.
<b>VARIABLES:</b> One temperature: 37°C	<b>PREPARED BY:</b> R. Piekos
<b>EXPERIMENTAL VALUES:</b> <p>Solubility of 4-amino-N-methylbenzenesulfonamide in <math>CHCl_3</math> at 37°C is 70.0 mmol <math>dm^{-3}</math> solution.</p>	
<b>AUXILIARY INFORMATION</b>	
<b>METHOD/APPARATUS/PROCEDURE:</b> <p>One ml of the sulfonamide soln in <math>CHCl_3</math> at equilibrium was taken into a test tube. After evapn of the solvent, the residue was dissolved in 1N HCl, the soln was properly dild with deionized water, and the concn of the sulfonamide was detd by diazotization.</p>	<b>SOURCE AND PURITY OF MATERIALS:</b> <p>The sulfonamide was synthesized by the authors. Its purity was not specified. Neither source nor purity of the <math>CHCl_3</math> was specified.</p> <b>ESTIMATED ERROR:</b> Soly: not specified. Temp: $\pm 1^\circ C$ (authors). <b>REFERENCES:</b>

<b>COMPONENTS:</b> (1) Benzenesulfonamide, 4-amino-N,N-dimethyl-; $C_8H_{12}N_2O_2S$ ; [1709-39-7] (2) Water; $H_2O$ ; [7732-18-5]	<b>ORIGINAL MEASUREMENTS:</b> Kitao, K.; Kubo, K.; Morishita, T.; Yata, N.; Kamada, A. <i>Chem. Pharm. Bull.</i> <u>1973</u> , <i>21</i> , 2417-26.
<b>VARIABLES:</b> One temperature: 37°C	<b>PREPARED BY:</b> R. Piekos
<b>EXPERIMENTAL VALUES:</b> <p style="text-align: center;">Solubility of 4-amino-N,N-dimethylbenzenesulfonamide in water at 37°C is 3.13 mmol dm<sup>-3</sup> solution.</p>	
<b>AUXILIARY INFORMATION</b>	
<b>METHOD/Apparatus/Procedure:</b> An aliquot of the soln at equilibrium (pH 6) was dild with EtOH and the concn of the sulfonamide was detd by diazotization.	<b>SOURCE AND PURITY OF MATERIALS:</b> The sulfonamide was synthesized by the authors. Its purity was not specified. Deionized water was used.  <b>ESTIMATED ERROR:</b> Soly: not specified. Temp: +1°C (authors).  <b>REFERENCES:</b>