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| <b>COMPONENTS:</b><br>(1) Benzenesulfonamide, 4-amino-N-2-thiazolyl- monohydrochloride (sulfathiazole hydrochloride); $C_9H_9N_3O_2S_2 \cdot HCl$ ; [23325-73-7]<br>(2) Water; $H_2O$ ; [7732-18-5]                            | <b>ORIGINAL MEASUREMENTS:</b><br>Lott, W. A.; Bergeim, F. H.<br><i>J. Am. Chem. Soc.</i> <u>1939</u> , 61, 3593-4.   |
| <b>VARIABLES:</b><br>One temperature: 26°C   | <b>PREPARED BY:</b><br>R. Piekos   |
| <b>EXPERIMENTAL VALUES:</b><br><br><p style="text-align: center;">Solubility of sulfathiazole hydrochloride in water at 26°C is less than 2% (<math>7 \times 10^{-2}</math> mol <math>kg^{-1}</math> solution, compiler ).</p> |  |
| <b>AUXILIARY INFORMATION</b>   |  |
| <b>METHOD/APPARATUS/PROCEDURE:</b><br>Nothing specified  | <b>SOURCE AND PURITY OF MATERIALS:</b><br>Sulfathiazole hydrochloride, mp 193-7°C (uncor), was prepd by the authors by adding alcoholic HCl to an alcoholic soln of sulfathiazole and adding ether. Purity of the water was not specified.<br><br><b>ESTIMATED ERROR:</b><br>Nothing specified<br><br><b>REFERENCES:</b> |