

COMPONENTS: (1) 2-Butenamide, -N-[[(4-acetylamino)phenyl] sulfonyl]-3-methyl-; (acetyl irgamide); $C_{13}H_{16}N_2O_4S$; [71119-41-0] (2) Phosphoric acid, disodium salt; Na_2HPO_4 ; [7558-94-4] (3) Phosphoric acid, monopotassium salt; KH_2PO_4 ; [7778-77-0] (4) Water; H_2O ; [7732-18-5]	ORIGINAL MEASUREMENTS: Pulver, R.; Suter, R. <i>Schweiz. Med. Wochenschr.</i> 1943, 73(13), 403-8.												
VARIABLES: pH	PREPARED BY: R. Piekos												
EXPERIMENTAL VALUES: <div style="text-align: right; margin-right: 10%;"> Solubility of acetyl irgamide in M/15 phosphate buffers (according to Sørensen) at 20°C </div> <table border="1" style="width: 100%; margin: 10px auto;"> <thead> <tr> <th style="text-align: left;">pH</th> <th style="text-align: center;">mg%</th> <th style="text-align: center;">$10^2 \text{ mol dm}^{-3}{}^a$</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">6.0</td> <td style="text-align: center;">159</td> <td style="text-align: center;">0.54</td> </tr> <tr> <td style="text-align: center;">7.0</td> <td style="text-align: center;">673</td> <td style="text-align: center;">2.27</td> </tr> <tr> <td style="text-align: center;">8.0</td> <td style="text-align: center;">880</td> <td style="text-align: center;">2.97</td> </tr> </tbody> </table> <p style="margin-left: 40px;">^a Calculated by compiler</p>		pH	mg%	$10^2 \text{ mol dm}^{-3}{}^a$	6.0	159	0.54	7.0	673	2.27	8.0	880	2.97
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AUXILIARY INFORMATION													
METHOD/APPARATUS/PROCEDURE: Nothing specified	SOURCE AND PURITY OF MATERIALS: Nothing specified												
	ESTIMATED ERROR: Nothing specified												
	REFERENCES:												