

COMPONENTS: (1) Benzamide, N-[[(4-acetylamino)phenyl sulfonyl]-3,4-dimethyl- (acetyl irgafene); $C_{17}H_{18}N_2O_4S$; [71119-40-9] (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: <table style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th rowspan="2">pH</th> <th colspan="2">Solubility of acetyl irgafene in M/15 phosphate buffer (according to Sørensen) at 20°C</th> </tr> <tr> <th>mg%</th> <th>$10^3 \text{ mol dm}^{-3}{}^a$</th> </tr> </thead> <tbody> <tr> <td>6.0</td> <td>29</td> <td>0.84</td> </tr> <tr> <td>7.0</td> <td>170</td> <td>4.90</td> </tr> <tr> <td>8.0</td> <td>210</td> <td>6.06</td> </tr> </tbody> </table> <p style="margin-left: 40px;">^a Calculated by compiler.</p>		pH	Solubility of acetyl irgafene in M/15 phosphate buffer (according to Sørensen) at 20°C		mg%	$10^3 \text{ mol dm}^{-3}{}^a$	6.0	29	0.84	7.0	170	4.90	8.0	210	6.06
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AUXILIARY INFORMATION															
METHOD/APPARATUS/PROCEDURE: Nothing specified.	SOURCE AND PURITY OF MATERIALS: Nothing specified. ESTIMATED ERROR: Nothing specified. REFERENCES:														