

COMPONENTS: (1) 2,5-Norbornadiene; C ₇ H ₈ ; [121-46-0] (2) Water; H ₂ O; [7732-18-5]	ORIGINAL MEASUREMENTS: Englin, B.A.; Plate, A.F.; Tugolukov, V.M.; Pryanishnikova, M.A. <i>Khim. Tekhnol. Topl. Maseł</i> <u>1965</u> 10, 42-6.												
VARIABLES: Temperature: 20-50°C	PREPARED BY: A. Maczynski and Z. Maczynska												
EXPERIMENTAL VALUES: <p style="text-align: center;">Solubility of water in 2,5-norbornadiene</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th style="text-align: center;"><u>t/°C</u></th> <th style="text-align: center;"><u>g(2)/100 g sln</u></th> <th style="text-align: center;"><u>10³x₂ (compiler)</u></th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">20</td> <td style="text-align: center;">0.0295</td> <td style="text-align: center;">1.51</td> </tr> <tr> <td style="text-align: center;">30</td> <td style="text-align: center;">0.0383</td> <td style="text-align: center;">1.96</td> </tr> <tr> <td style="text-align: center;">50</td> <td style="text-align: center;">0.0675</td> <td style="text-align: center;">3.44</td> </tr> </tbody> </table>		<u>t/°C</u>	<u>g(2)/100 g sln</u>	<u>10³x₂ (compiler)</u>	20	0.0295	1.51	30	0.0383	1.96	50	0.0675	3.44
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AUXILIARY INFORMATION													
METHOD/APPARATUS/PROCEDURE: Component (1) was introduced into a thermostatted flask and saturated for 5 hr. with (2). Next, calcium hydride was added and the evolving hydrogen volume measured and hence the concentration of (2) in (1) was evaluated.	SOURCE AND PURITY OF MATERIALS: (1) not specified. (2) not specified. ESTIMATED ERROR: Not specified. REFERENCES:												