COMPONENTS:	ORIGINAL MEASUREMENTS:
(1) 1,4-Dicyclopentylbutane; $C_{14}H_{26}$; [2980-70-3] (2) Water; H_2O; [7732-18-5]	Englin, B.A.; Plate, A.F.; Tugolukov, V.M.; Pryanishnikova, M.A. *Khim. Technol. Topl. Masel* 1965, *10*, 42-6.
VARIABLES:	PREPARED BY:
Temperature: 10-30°C	A. Maczynski and Z. Maczynska

EXPERIMENTAL VALUES:

Solubility of Water in 1,4-Dicyclopentylbutane

t/°C	g(2)/100 g sln	$10^3\ x_2$ (compiler)
10	0.0088	0.94
20	0.0139	1.50
30	0.0241	2.59

AUXILIARY INFORMATION

METHOD/APPARATUS/PROCEDURE:	SOURCE AND PURITY OF MATERIALS:
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.	(1) Not specified. (2) Not specified.
	ESTIMATED ERROR: Not specified.
	REFERENCES: