COMPONENTS:	ORIGINAL MEASUREMENTS:
(1) 2-Methyloctane; C_9H_{20}; [3221-61-2] (2) Water; H_2O; [7732-18-5]	Englin, B.A.; Plate, A.F.; Tugolukov, V.M.; Pryanishnikova, M.A. *Khim. Tekhnol. Topl. Masel* 1965, *10*, 42-6.
VARIABLES:	**PREPARED BY:**
Temperature: 10-30°C	A. Maczynski and M.C. Haulait-Pirson

EXPERIMENTAL VALUES:

Solubility of Water in 2-methyloctane

t/°C	g(2)/100 g sln	$10^4\ x_2$ (compiler)
10	0.0052	3.70
20	0.0090	6.41
30	0.0156	11.10

AUXILIARY INFORMATION

METHOD/APPARATUS/PROCEDURE:	SOURCE AND PURITY OF MATERIALS:
Component (1) was introduced into a thermostatted flask and saturated for 5 hours 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: