

Diffusion coefficient of 1,4-dibromo-benzene in methanol at infinite dilution

3 Diffusion in Liquid Mixtures

3.1. Data

3.1.2. Diffusion in Binary Mixtures at Infinite Dilution

C ₆ H ₄ Br ₂	(1)	1,4-dibromo-benzene	106-37-6
C ₆ H ₄ O	(2)	methanol	67-56-1
Diffusion Coefficient at infinite dilution: $p = 101.325$ kPa; Method: DIA			Ref.: [1971L4]
T [K]	Type	$D \cdot 10^9$ [m ² /s]	
288.15	$D^0_{1(2)}$	$1.55 \pm 3\%$	

Symbols and Abbreviations

Short Form	Full Form
D	diffusion coefficient
p	pressure
T	temperature
DIA	diaphragm cell

References

[1971L4] Lysis, M. A., Ratcliff, G. A.: AIChE J. **17** (1971) 1492–1496.