



2.10. Диметилсульфид (ДМСО)

2.10.1. Общие сведения

История

2.10. Диметилсульфид (ДМСО) 11

рН ± 60



2.10. Диметилсульфид, CH_3SOCH_3 , $M = 78$, $d_4^{20} = 1,27$, $n_D^{20} = 1,470$, $n_D^{25} = 1,461$, $n_D^{30} = 1,454$, $n_D^{35} = 1,448$, $n_D^{40} = 1,443$, $n_D^{45} = 1,439$, $n_D^{50} = 1,435$, $n_D^{55} = 1,432$, $n_D^{60} = 1,429$, $n_D^{65} = 1,426$, $n_D^{70} = 1,423$, $n_D^{75} = 1,420$, $n_D^{80} = 1,417$, $n_D^{85} = 1,414$, $n_D^{90} = 1,411$, $n_D^{95} = 1,408$, $n_D^{100} = 1,405$, $\alpha_D^{20} = 1,62$, $\alpha_D^{25} = 1,61$, $\alpha_D^{30} = 1,60$, $\alpha_D^{35} = 1,59$, $\alpha_D^{40} = 1,58$, $\alpha_D^{45} = 1,57$, $\alpha_D^{50} = 1,56$, $\alpha_D^{55} = 1,55$, $\alpha_D^{60} = 1,54$, $\alpha_D^{65} = 1,53$, $\alpha_D^{70} = 1,52$, $\alpha_D^{75} = 1,51$, $\alpha_D^{80} = 1,50$, $\alpha_D^{85} = 1,49$, $\alpha_D^{90} = 1,48$, $\alpha_D^{95} = 1,47$, $\alpha_D^{100} = 1,46$, $\gamma = 36$, $\rho_{20} = 1,399$, $\rho_{40} = 1,371$, $\rho_{60} = 1,344$, $\rho_{80} = 1,317$, $\rho_{100} = 1,291$, $\lambda_D^{20} = 17,3$, $\lambda_D^{25} = 17,1$, $\lambda_D^{30} = 16,9$, $\lambda_D^{35} = 16,7$, $\lambda_D^{40} = 16,5$, $\lambda_D^{45} = 16,3$, $\lambda_D^{50} = 16,1$, $\lambda_D^{55} = 15,9$, $\lambda_D^{60} = 15,7$, $\lambda_D^{65} = 15,5$, $\lambda_D^{70} = 15,3$, $\lambda_D^{75} = 15,1$, $\lambda_D^{80} = 14,9$, $\lambda_D^{85} = 14,7$, $\lambda_D^{90} = 14,5$, $\lambda_D^{95} = 14,3$, $\lambda_D^{100} = 14,1$, $\mu = 1,98$, $\mu = 1,97$, $\mu = 1,96$, $\mu = 1,95$, $\mu = 1,94$, $\mu = 1,93$, $\mu = 1,92$, $\mu = 1,91$, $\mu = 1,90$, $\mu = 1,89$, $\mu = 1,88$, $\mu = 1,87$, $\mu = 1,86$, $\mu = 1,85$, $\mu = 1,84$, $\mu = 1,83$, $\mu = 1,82$, $\mu = 1,81$, $\mu = 1,80$, $\mu = 1,79$, $\mu = 1,78$, $\mu = 1,77$, $\mu = 1,76$, $\mu = 1,75$, $\mu = 1,74$, $\mu = 1,73$, $\mu = 1,72$, $\mu = 1,71$, $\mu = 1,70$, $\mu = 1,69$, $\mu = 1,68$, $\mu = 1,67$, $\mu = 1,66$, $\mu = 1,65$, $\mu = 1,64$, $\mu = 1,63$, $\mu = 1,62$, $\mu = 1,61$, $\mu = 1,60$, $\mu = 1,59$, $\mu = 1,58$, $\mu = 1,57$, $\mu = 1,56$, $\mu = 1,55$, $\mu = 1,54$, $\mu = 1,53$, $\mu = 1,52$, $\mu = 1,51$, $\mu = 1,50$, $\mu = 1,49$, $\mu = 1,48$, $\mu = 1,47$, $\mu = 1,46$, $\mu = 1,45$, $\mu = 1,44$, $\mu = 1,43$, $\mu = 1,42$, $\mu = 1,41$, $\mu = 1,40$, $\mu = 1,39$, $\mu = 1,38$, $\mu = 1,37$, $\mu = 1,36$, $\mu = 1,35$, $\mu = 1,34$, $\mu = 1,33$, $\mu = 1,32$, $\mu = 1,31$, $\mu = 1,30$, $\mu = 1,29$, $\mu = 1,28$, $\mu = 1,27$, $\mu = 1,26$, $\mu = 1,25$, $\mu = 1,24$, $\mu = 1,23$, $\mu = 1,22$, $\mu = 1,21$, $\mu = 1,20$, $\mu = 1,19$, $\mu = 1,18$, $\mu = 1,17$, $\mu = 1,16$, $\mu = 1,15$, $\mu = 1,14$, $\mu = 1,13$, $\mu = 1,12$, $\mu = 1,11$, $\mu = 1,10$, $\mu = 1,09$, $\mu = 1,08$, $\mu = 1,07$, $\mu = 1,06$, $\mu = 1,05$, $\mu = 1,04$, $\mu = 1,03$, $\mu = 1,02$, $\mu = 1,01$, $\mu = 1,00$, $\mu = 0,99$, $\mu = 0,98$, $\mu = 0,97$, $\mu = 0,96$, $\mu = 0,95$, $\mu = 0,94$, $\mu = 0,93$, $\mu = 0,92$, $\mu = 0,91$, $\mu = 0,90$, $\mu = 0,89$, $\mu = 0,88$, $\mu = 0,87$, $\mu = 0,86$, $\mu = 0,85$, $\mu = 0,84$, $\mu = 0,83$, $\mu = 0,82$, $\mu = 0,81$, $\mu = 0,80$, $\mu = 0,79$, $\mu = 0,78$, $\mu = 0,77$, $\mu = 0,76$, $\mu = 0,75$, $\mu = 0,74$, $\mu = 0,73$, $\mu = 0,72$, $\mu = 0,71$, $\mu = 0,70$, $\mu = 0,69$, $\mu = 0,68$, $\mu = 0,67$, $\mu = 0,66$, $\mu = 0,65$, $\mu = 0,64$, $\mu = 0,63$, $\mu = 0,62$, $\mu = 0,61$, $\mu = 0,60$, $\mu = 0,59$, $\mu = 0,58$, $\mu = 0,57$, $\mu = 0,56$, $\mu = 0,55$, $\mu = 0,54$, $\mu = 0,53$, $\mu = 0,52$, $\mu = 0,51$, $\mu = 0,50$, $\mu = 0,49$, $\mu = 0,48$, $\mu = 0,47$, $\mu = 0,46$, $\mu = 0,45$, $\mu = 0,44$, $\mu = 0,43$, $\mu = 0,42$, $\mu = 0,41$, $\mu = 0,40$, $\mu = 0,39$, $\mu = 0,38$, $\mu = 0,37$, $\mu = 0,36$, $\mu = 0,35$, $\mu = 0,34$, $\mu = 0,33$, $\mu = 0,32$, $\mu = 0,31$, $\mu = 0,30$, $\mu = 0,29$, $\mu = 0,28$, $\mu = 0,27$, $\mu = 0,26$, $\mu = 0,25$, $\mu = 0,24$, $\mu = 0,23$, $\mu = 0,22$, $\mu = 0,21$, $\mu = 0,20$, $\mu = 0,19$, $\mu = 0,18$, $\mu = 0,17$, $\mu = 0,16$, $\mu = 0,15$, $\mu = 0,14$, $\mu = 0,13$, $\mu = 0,12$, $\mu = 0,11$, $\mu = 0,10$, $\mu = 0,09$, $\mu = 0,08$, $\mu = 0,07$, $\mu = 0,06$, $\mu = 0,05$, $\mu = 0,04$, $\mu = 0,03$, $\mu = 0,02$, $\mu = 0,01$, $\mu = 0$, $\mu = -0,01$, $\mu = -0,02$, $\mu = -0,03$, $\mu = -0,04$, $\mu = -0,05$, $\mu = -0,06$, $\mu = -0,07$, $\mu = -0,08$, $\mu = -0,09$, $\mu = -0,10$, $\mu = -0,11$, $\mu = -0,12$, $\mu = -0,13$, $\mu = -0,14$, $\mu = -0,15$, $\mu = -0,16$, $\mu = -0,17$, $\mu = -0,18$, $\mu = -0,19$, $\mu = -0,20$, $\mu = -0,21$, $\mu = -0,22$, $\mu = -0,23$, $\mu = -0,24$, $\mu = -0,25$, $\mu = -0,26$, $\mu = -0,27$, $\mu = -0,28$, $\mu = -0,29$, $\mu = -0,30$, $\mu = -0,31$, $\mu = -0,32$, $\mu = -0,33$, $\mu = -0,34$, $\mu = -0,35$, $\mu = -0,36$, $\mu = -0,37$, $\mu = -0,38$, $\mu = -0,39$, $\mu = -0,40$, $\mu = -0,41$, $\mu = -0,42$, $\mu = -0,43$, $\mu = -0,44$, $\mu = -0,45$, $\mu = -0,46$, $\mu = -0,47$, $\mu = -0,48$, $\mu = -0,49$, $\mu = -0,50$, $\mu = -0,51$, $\mu = -0,52$, $\mu = -0,53$, $\mu = -0,54$, $\mu = -0,55$, $\mu = -0,56$, $\mu = -0,57$, $\mu = -0,58$, $\mu = -0,59$, $\mu = -0,60$, $\mu = -0,61$, $\mu = -0,62$, $\mu = -0,63$, $\mu = -0,64$, $\mu = -0,65$, $\mu = -0,66$, $\mu = -0,67$, $\mu = -0,68$, $\mu = -0,69$, $\mu = -0,70$, $\mu = -0,71$, $\mu = -0,72$, $\mu = -0,73$, $\mu = -0,74$, $\mu = -0,75$, $\mu = -0,76$, $\mu = -0,77$, $\mu = -0,78$, $\mu = -0,79$, $\mu = -0,80$, $\mu = -0,81$, $\mu = -0,82$, $\mu = -0,83$, $\mu = -0,84$, $\mu = -0,85$, $\mu = -0,86$, $\mu = -0,87$, $\mu = -0,88$, $\mu = -0,89$, $\mu = -0,90$, $\mu = -0,91$, $\mu = -0,92$, $\mu = -0,93$, $\mu = -0,94$, $\mu = -0,95$, $\mu = -0,96$, $\mu = -0,97$, $\mu = -0,98$, $\mu = -0,99$, $\mu = -1,00$.

А

ДМСО - органическое соединение, известное с XVIII века. Оно представляет собой бесцветную, беспримесную, легко испаряющуюся жидкость с характерным запахом, напоминающим запах чеснока. ДМСО хорошо растворяет большинство органических и некоторых неорганических соединений. Оно широко применяется в химической промышленности, в частности, в синтезе лекарственных препаратов и полимеров. ДМСО также используется в качестве растворителя для полимеров и других веществ. ДМСО входит в состав многих косметических средств, таких как кремы и лосьоны. ДМСО является одним из наиболее распространенных растворителей в химической промышленности.

[2.10.1. Диметилсульфид \(ДМСО\)](#)