

TABLE 3 Second Dissociation Constants for Diamines at Different Temperatures

Amine	Temperature T/K					
	293.15	298.15	303.15	308.15	313.15	323.15
3-(Diethylamino) Propylamine	8.42	8.24	8.06	7.91	7.73	7.52
1,3-Diaminopentane	8.36	8.17	8.06	7.86	7.69	7.4

Standard uncertainties: $u(pK_a) = 0.02$ and $u(T) = 0.01\text{K}$ (0.95 level of confidence).