TABLE IV. A-coefficient and B-coefficient of acetic acid in composition of PVOH-water system at different temperatures

|  |  |  |  |
| --- | --- | --- | --- |
| Temperature, K |  | | |
| 0.10 % (w/v) PVOH | 0.35 % (w/v) PVOH | 0.50 % (w/v) PVOH |
| Ion-ion interaction (A-coefficient), (mol־¹ dm³)½ | | |
| 305 | 0.3198 | 1.1522 | 2.0952 |
| 308 | 0.3155 | 1.1473 | 1.7954 |
| 313 | 0.3146 | 1.1261 | 1.7721 |
| 318 | 0.2806 | 0.9920 | 1.7204 |
| 323 | 0.2732 | 0.9734 | 1.7155 |
|  | Ion-solvent interaction (B-coefficient), mol־¹ dm³ | | |
| 305 | -0.4038 | -1.4190 | -2.5814 |
| 308 | -0.3940 | -1.3677 | -2.2357 |
| 313 | -0.3888 | -1.3666 | -2.2020 |
| 318 | -0.3334 | -1.3599 | -2.1136 |
| 323 | -0.3077 | -1.0957 | -2.0412 |