TABLE III. The pH of the acetic acid solution in different percentage composition (w/v) of aqueous and 5 % (v/v) alcoholic poly(vinyl alcohol)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| *c*(CH3COOH) / mol dm-3 | Solvents | | | | |
| water | 5 % (v/v)  methanol | 5 % (w/v) ethanol | 5 % (w/v)  2-propanol | 5 % (w/v)  1-butanol |
| pH | | | | | |
| 0.1 % (w/v) PVOH | | | | | |
| 0.1 | 3.12 | 3.12 | 3.10 | 3.10 | 3.10 |
| 0.5 | 2.80 | 2.82 | 2.80 | 2.76 | 2.80 |
| 0.5 % (w/v) PVOH | | | | | |
| 0.1 | 3.76 | 3.58 | 3.50 | 3.46 | 3.24 |
| 0.5 | 3.16 | 2.88 | 2.86 | 2.86 | 2.84 |