Table I. The diffusion coefficient and bulk pH values in water and DES, taken from literature

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| --- | --- | --- | --- |
|  | water  | ethaline  | reline  |
| *D*(OH–), m2 s–1 | 5.30∙10–9  | 6.0∙10–11  | 0.2∙10–11  |
| *D*(H+), m2 s–1 | 9.31∙10–9  | 6.0∙10–11  | 0.2∙10–11  |
| pH of bulk electrolyte | 7.00 | 6.41  | 8.61  |