

## Certificate of Analysis

Product name: BUFFER SOLUTION  
 pH 4.01 ± 0.01 @ 25 °C (77 °F)  
 Product code: HI7004L  
 Lot number: 6617  
 Best use before: June 2026  
 Date of analysis: 2021.07.05  
 Certified value: 4.01 pH @ 25 °C (77 °F)


*Method of standardization:*  
 This quality product is standardized using a pH meter calibrated by means of two standard solutions prepared from below NIST standard reference materials:

- > SRM 185i and
- > SRM 186-I-g / SRM 186-II-g mixture

All primary standard solutions used are prepared with deionized water for analytical use ISO 3696 / BS 3978.

Balances and thermometers used are checked with certified reference materials.

*Uncertainty U:*  
 The uncertainty interval represents the expanded uncertainty U with a coverage of 2 and represents the 95% level of confidence.

Reference number: 26F16  
 QA manager: Andreea Man 

QC\_HI7004x\_rev.1

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