

## Certificate of Analysis

Product name: BUFFER SOLUTION  
pH 7.01 ± 0.01 @ 25 °C (77 °F)  
Product code: HI5007-01  
Lot number: 6204  
Best use before: March 2026  
Date of analysis: 2021.03.04  
Certified value: 7.01 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: 03C11  
QA manager: Andreea Man



QC\_HI5007x\_rev.1