

Certificate of Analysis

Product name: BUFFER SOLUTION
pH 4.01 ± 0.01 @ 25 °C (77 °F)
Product code: HI7004L
Lot number: 7138
Best use before: November 2026
Date of analysis: 2021.11.05
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: 03K14

QA manager: Adela Odorhean

QC_HI7004x_rev.1



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