

Certificate of Analysis

Product name: BUFFER SOLUTION
pH 9.18 ± 0.01 @ 25 °C (77 °F)
Product code: HI7009M
Lot number: 0142
Best use before: May 2029
Date of analysis: 2024.05.16
Certified value: 9.18 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 186-I-g / SRM 186-II-g mixture and
- SRM 191d-I / SRM 191d-II 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: 16E41

QA manager: Eugenia Tulbure 

QC_HI7009x_rev.1