MICRO ESSENTIAL LABORATORY
HYDRION® pH and sanitizer test kits since 1934



# Hydrion® Buffer Certification Sheet
# &
# Certificate of Traceability and Conformity

| | |
|---|---|
| **pH Value** | **4.00** |
| **Certified at 25°C** | **4.00±0.02** |

**Mfg. Lot #** **232018** **Exp Date** **November 15, 2023**

## NIST Traceable Standard Reference Materials used for Calibration of pH Meters

| Buffer pH | NIST Standard Reference Material Used | NIST Standard Reference Material No. |
|---|---|---|
| 7.00 | POTASSIUM DIHYDROGEN PHOSPHATE,<br>DISODIUM HYDROGEN PHOSPHATE | 186-I-g<br>186-II-g |
| 4.005 | POTASSIUM HYDROGEN PHTHALATE | 185i |

## pH Values Recorded

| pH Meter | Calibration Date | Test Date | Sample Weight (grams) | pH value |
|---|---|---|---|---|
| #1 | 11-14-2018 | 11-14-2018 | 1.0 GRAM | 3.98 |
| #2 | 11-14-2018 | 11-14-2018 | 1.0 GRAM | 3.99 |

Comments:
This certificate is to certify that the above buffer salt here-in described has been analyzed with appropriate National Institute of Standards and Technology Standard Reference Materials (SRM) and is traceable to IUPAC/NIST pH scale.

Certified By: Paresh Shah Signature: ShahPV Date: November 15, 2018