HI-5001 1.00 PH TECHNICAL BUFFER SOLUTION (±0.01 PH)

Reference: HI-5001

Designed and manufactured for those requiring a greater spectrum, as well as increased accuracy to readings, Hanna manufactures a Technical Buffer solution range that shares the accuracy of standard buffers, +/- 0.01 @ 25◦C, and features 20 pH levels.

- ✓ **Accuracy: +/- 0.01pH @ 25◦C**
- ✓ **500 ml**

SPECIFICATION	
pH value at 25°C	1.00
Code	HI-5001
Package	500ml
Certificate of Analysis	Yes

FULL DESCRIPTION

Technical Buffer Solutions are available in 500ml, 1 litre, 1 Gallon*, and handy 20ml sachets in packs of 10 or 25 for on-site or field use. The sachet single dose is safe, easy to carry and remains fresh.

Range from pH1.00 through to pH13.00, effectively covering every point on the pH scale.

HI-5001 pH1.00 Technical Buffer Solution, 500ml

HI-5001 is a premium quality pH 1.00 Technical buffer solution, National Institute of Standards and Technology (NIST) traceable and supplied with a Certificate of Analysis. The buffer is ideal

for users expecting a highly-acidic reading.

Buffer solutions should be stored at 25 C, away from direct sunlight for accurate readings.

To correctly maintain your meter/electrode, we highly recommend use of a Hanna cleaning solution, as well as a buffer, for maximum performance every time.

Hanna buffer solutions are prepared, ready-to-use, according to precise formulas and standardised in accordance with the National Institute of Standards and Technology (NIST) to ensure quality and accuracy. All solutions show a batch number, an expiry date, and the correlation table between pH and temperature. All bottled solutions are sealed with an air tight, tamper-proof seal to prevent any Carbon Dioxide from entering and causing a change in the pH buffer value.

Browse the Hanna complete range of solutions

- pH buffer solutions
- Standard solutions for conductivity, Total Dissolved Solids (TDS), turbidity, salinity and Ion-Selective Electrode (ISE) calibration
- Oxidation Reduction Potential (ORP) test and pre-treatment solutions
- Reference fill solutions for refillable electrodes
- General and specific cleaning solutions for electrodes
- Solutions for electrode maintenance and storage
- Solutions for sample preparation

Solutions are available in many sizes ranging from 20ml sachets for small users to 3.78L (1 gallon) containers for large quantity usage in laboratories.

For safety and traceability, all Hanna solutions are provided with a label showing the batch number and expiry date. A certificate of analysis is available on request in line with NIST standards.

Remember:

- Calibration only counts when using fresh solutions and properly cleaned electrodes every time.
- Routine maintenance will ensure accurate readings while extending the life of the electrode.

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The specifications listed in this brochure are subject to change by the manufacturer and therefore cannot be guaranteed, please provide these to our sales team so that details can be confirmed.