

pH 7.01 Buffer Solution



FDA Approved Bottle

For maximum reliability choose our solutions in bottles that meet the FDA standards (US Food & Drug Administration) protect the solutions from extended exposure to light.

Solution Bottle



| Code | pH Value @25°C | Size | Package | FDA Bottle | Certificate of Analysis |
|-------------|----------------|-------------------|------------|------------|-------------------------|
| HI 5007 | 7.01 | 500 mL | 1 bottle | • | • |
| HI 5007-01 | 7.01 | 1 L | 1 bottle | • | • |
| HI 5007-12 | 7.01 | 500 mL | 12 bottles | • | • |
| HI 5007-36 | 7.01 | 500 mL | 36 bottles | • | • |
| HI 5007-G | 7.01 green | 500 mL | 1 bottle | • | • |
| HI 5007-G08 | 7.01 green | 1 Gallon (3.78 L) | 1 bottle | • | • |
| HI 5007-G36 | 7.01 green | 500 mL | 36 bottles | • | • |
| HI 6007 | 7.010 | 500 mL | 1 bottle | • | • |
| HI 6007-01 | 7.010 | 1 L | 1 bottle | • | • |
| HI 7007/1G | 7.01 | 1 Gallon (3.78 L) | 1 bottle | • | • |
| HI 7007/1L | 7.01 | 1 L | 1 bottle | • | • |
| HI 7007L | 7.01 | 500 mL | 1 bottle | • | • |
| HI 7007L/C | 7.01 | 500 mL | 1 bottle | • | • |
| HI 7007M | 7.01 | 230 mL | 1 bottle | • | • |
| HI 8007/1L | 7.01 | 1 L | 1 bottle | • | • |
| HI 8007L | 7.01 | 500 mL | 1 bottle | • | • |
| HI 8007L/C | 7.01 | 500 mL | 1 bottle | • | • |

Solution Combination Kits - Bottle



| Code | Solutions (pH Value @25°C) | Package |
|-------------|--|-------------------|
| HI 54710 | pH 4.01, pH 7.01, pH 10.01 | 3 x 500 mL bottle |
| HI 54710-10 | pH 4.01, pH 7.01, pH 10.01, HI 70300 | 4 x 500 mL bottle |
| HI 54710-11 | pH 4.01, pH 7.01, pH 10.01, HI 70300, HI 7061 | 5 x 500 mL bottle |
| HI 54710-12 | pH 4.01, pH 7.01, pH 10.01, HI 70300, HI 7061, HI 7071 | 6 x 500 mL bottle |
| HI 54710-13 | pH 4.01, pH 7.01, pH 10.01, HI 70300, HI 7061, HI 7072 | 6 x 500 mL bottle |

pH 7.01 is the most widely used among all buffer solutions.

For this reason we have prepared it in a wider variety of sizes to meet every application need.

Whether you prefer to have your solutions in 20 mL sachets or if you need larger quantities, HANNA instruments® will satisfy all your needs.

HANNA instruments® pH buffer solutions are NIST standardized reference solutions.



HI 6007 Millesimal Standard Solution

- Certificate of Analysis
- Standard Solution at pH 7.010
- ±0.002 pH Accuracy



pH 7.01 Buffer Solution

For the pH standard most widely used for calibration, HANNA instruments® also offers a wide range of buffer solutions in sachets, where the solutions are always fresh and easy-to-use for field applications.

HI 50007, HI 60007, HI 70007C, HI 77700C, HI 7007L/C & HI 8007L/C are supplied complete with certificate of analysis.



pH 7.01: Green



HI 5007-G

HI 5007-G08

HI 5007-G36

The green label corresponds to the pH 7 value, for easy and safe buffer identification



Solution Sachet

| Code | pH Value @25°C | Size | Package | Certificate of Analysis |
|-------------|---------------------------|-------|----------------------|-------------------------|
| HI 50007-01 | 7.01 | 20 mL | 10 sachets | • |
| HI 50007-02 | 7.01 | 20 mL | 25 sachets | • |
| HI 60007-01 | 7.010 | 20 mL | 10 sachets | • |
| HI 60007-02 | 7.010 | 20 mL | 25 sachets | • |
| HI 70007C | 7.01 | 20 mL | 25 sachets | • |
| HI 70007P | 7.01 | 20 mL | 25 sachets | |
| HI 7007P/5 | 7.01 | 20 mL | 500 sachets | |
| HI 770710C | 10.01 & 7.01 | 20 mL | 10 sachets (5 each) | • |
| HI 770710P | 10.01 & 7.01 | 20 mL | 10 sachets (5 each) | |
| HI 77100C | 1413 µS/cm & pH 7.01 | 20 mL | 20 sachets (10 each) | • |
| HI 77100P | 1413 µS/cm & pH 7.01 | 20 mL | 20 sachets (10 each) | |
| HI 77200C* | 1500 ppm (mg/L) & pH 7.01 | 20 mL | 20 sachets (10 each) | • |
| HI 77200P* | 1500 ppm (mg/L) & pH 7.01 | 20 mL | 20 sachets (10 each) | |
| HI 77300C | 1382 ppm (mg/L) & pH 7.01 | 20 mL | 20 sachets (10 each) | • |
| HI 77300P | 1382 ppm (mg/L) & pH 7.01 | 20 mL | 20 sachets (10 each) | |
| HI 77400C | 4.01 & 7.01 | 20 mL | 10 sachets (5 each) | • |
| HI 77400P | 4.01 & 7.01 | 20 mL | 10 sachets (5 each) | |
| HI 77700C | 7.01 | 20 mL | 10 sachets (5 each) | • |
| HI 77700P | 7.01 | 20 mL | 10 sachets (5 each) | |

* TDS Conversion Factor 4-4-2: 0.65 ppm = 1 µS/cm (approximately).