

# pH Standard Calibration Solutions

## Quick Cal Calibration Solution

Quick Cal is for use with Hanna's GroLine pH and/or EC/TDS meters. Using the Quick Cal function found in compatible meters allows for single-point calibration for pH and/or conductivity sensors.

- pH calibration buffer value of pH 6.86
- EC calibration standard value of 5,000  $\mu\text{S}/\text{cm}$  (5.00  $\text{mS}/\text{cm}$ )

## Quick Cal pH/EC

| Code              | Size                             | Certificate of Analysis |
|-------------------|----------------------------------|-------------------------|
| <b>HI5036-023</b> | 230 mL (GroLine)                 | •                       |
| <b>HI5036-012</b> | 120 mL (GroLine)                 | •                       |
| <b>HI50036P</b>   | 20 mL sachets, 25 pcs. (GroLine) | •                       |

## 1.68 pH Buffer Solution

Plating bath samples, food samples and waste samples are often acidic in nature. To increase accuracy of your measurement at lower pH values, it is important to calibrate your electrode and meter at the appropriate pH also. Hanna pH 1.68 buffer is available to fulfill this requirement. pH 1.68 buffer solution allows you to calibrate your measurement system in the acidic pH range and bracket your samples by using a second value at 4.01 pH or near 7.01 pH.

## 4.01 pH Buffer Solution

Hanna buffer solutions are prepared according to precise formulas and are standardized with a pH electrode and meter calibrated with NIST standards. This buffer value is widely used in water purification plants, in the food industry and wherever the pH is expected to be slightly acidic.

## 6.86 pH Buffer Solution

Many of our portable and benchtop instruments may now be calibrated with both pH 6.86 or pH 7.01 buffers.

The Hanna range of pH 6.86 buffer solutions has been expanded and stability has been improved to match the stability of pH 7.01.



## 1.68 pH @ 25°C - Bottles

| Code           | Size   | Certificate of Analysis |
|----------------|--------|-------------------------|
| <b>HI7001L</b> | 500 mL | on request              |
| <b>HI7001M</b> | 230 mL | on request              |

## 4.01 pH @ 25°C - Bottles

| Code              | Size                                | FDA Bottle | Certificate of Analysis |
|-------------------|-------------------------------------|------------|-------------------------|
| <b>HI7004/1G</b>  | 1 G (3.78 L) (color coded solution) |            | on request              |
| <b>HI7004/1L</b>  | 1 L (color coded solution)          |            | on request              |
| <b>HI7004L</b>    | 500 mL                              |            | on request              |
| <b>HI7004L/C</b>  | 500 mL                              |            | •                       |
| <b>HI7004C</b>    | 500 mL (color coded solution)       |            | on request              |
| <b>HI7004M</b>    | 230 mL                              |            | on request              |
| <b>HI7004-023</b> | 230 mL (GroLine)                    |            | •                       |
| <b>HI7004-012</b> | 120 mL (GroLine)                    |            | •                       |
| <b>HI8004L</b>    | 500 mL                              | •          | •                       |
| <b>HI8004L/C</b>  | 500 mL                              | •          | •                       |

## 4.01 pH @ 25°C - Sachets

| Code             | Size  | Package  | Certificate of Analysis |
|------------------|-------|----------|-------------------------|
| <b>HI70004C</b>  | 20 mL | 25 pcs.  | •                       |
| <b>HI70004P</b>  | 20 mL | 25 pcs.  |                         |
| <b>HI7004P/5</b> | 20 mL | 500 pcs. |                         |

## 4.01 and 7.01 pH @ 25°C - Sachets

| Code            | Size  | Package       | Certificate of Analysis |
|-----------------|-------|---------------|-------------------------|
| <b>HI77400C</b> | 20 mL | 10 pcs., 5 ea | •                       |
| <b>HI77400P</b> | 20 mL | 10 pcs., 5 ea |                         |

## 6.86 pH @ 25°C - Bottles

| Code             | Size         | FDA Bottle | Certificate of Analysis |
|------------------|--------------|------------|-------------------------|
| <b>HI7006/1G</b> | 1 G (3.78 L) |            | on request              |
| <b>HI7006/1L</b> | 1 L          |            | on request              |
| <b>HI7006L</b>   | 500 mL       |            | on request              |
| <b>HI7006L/C</b> | 500 mL       |            | •                       |
| <b>HI7006M</b>   | 230 mL       |            | on request              |
| <b>HI8006L</b>   | 500 mL       | •          | •                       |
| <b>HI8006L/C</b> | 500 mL       | •          | •                       |

## 6.86 pH @ 25°C - Sachets

| Code            | Size  | Package | Certificate of Analysis |
|-----------------|-------|---------|-------------------------|
| <b>HI70006C</b> | 20 mL | 25 pcs. | •                       |
| <b>HI70006P</b> | 20 mL | 25 pcs. |                         |