

# pH Buffer Solutions

- **Safety Data Sheets**
  - Safety data sheets for all Hanna solutions are available at [hannainst.com](http://hannainst.com) or upon request.
- **Expiration date**
  - The production batch number, expiration date, and temperature correlation table are reported on all Hanna calibration solutions.
- **NIST traceability**
  - Standardized using a pH meter calibrated by means of two standard solutions prepared from NIST standard reference materials.



- **Air-tight bottles**
  - Air-tight bottle with tamper-proof seal of freshness to ensure quality.
- **Single use sachets**
  - Opaque packaging prevents oxidation from UV light that could alter the value. Every sachet is as fresh as the day it was packaged.
- **FDA compliant bottles (HI80xx)**
  - Hanna solutions are offered in opaque bottles that meet FDA requirements.

## 4.01 pH Buffer Solution

This buffer value is widely used in water purification plants, in the food industry, and wherever the pH is expected to be slightly acidic.

## 4.01 pH @ 25°C - Bottles

Code	Size	FDA Bottle	Certificate of Analysis
HI7004/1G	1 G (3.78 L) (color coded solution)		on request
HI7004/1L	1 L (color coded solution)		on request
HI7004L	500 mL		on request
HI7004L/C	500 mL		•
HI7004C	500 mL (color coded solution)		on request
HI7004M	230 mL		on request
HI7004-050	500 mL (GroLine®)		•
HI7004-023	230 mL (GroLine)		•
HI7004-012	120 mL (GroLine)		•
HI8004L	500 mL	•	•
HI8004L/C	500 mL	•	•

## 4.01 pH @ 25°C - Sachets

Code	Size	Package	Certificate of Analysis
HI70004C	20 mL	25 pcs.	•
HI70004G	20 mL (GroLine)	25 pcs.	•
HI70004P	20 mL	25 pcs.	
HI700044P	20 mL (Pool Line)	25 pcs.	

## 4.01 and 7.01 pH @ 25°C - Sachets

Code	Size	Package	Certificate of Analysis
HI77400C	20 mL	10 pcs., 5 ea	•
HI77400P	20 mL	10 pcs., 5 ea	



ติดต่อบริษัท นีโอนิคส์ จำกัด

Tel: 098-479-5684 หรือ 061-8268939

E-mail: [sale@tools.in.th](mailto:sale@tools.in.th) เว็บไซต์ [www.tools.in.th](http://www.tools.in.th)

## pH Buffer Solutions

- **Safety Data Sheets**
  - Safety data sheets for all Hanna solutions are available at [hannainst.com](http://hannainst.com) or upon request.
- **Expiration date**
  - The production batch number, expiration date, and temperature correlation table are reported on all Hanna calibration solutions.
- **NIST traceability**
  - Standardized using a pH meter calibrated by means of two standard solutions prepared from NIST standard reference materials.



### 7.01 pH @ 25°C - Bottles

Code	Size	FDA Bottle	Certificate of Analysis
HI7007/1G	1 G (3.78 L) (color coded solution)		on request
HI7007/1L	1 L (color coded solution)		on request
HI7007C	500 mL (color coded solution)		on request
HI7007L	500 mL		on request
HI7007L/C	500 mL		•
HI7007M	230 mL		on request
HI7007-050	500 mL (GroLine®)		•
HI7007-023	230 mL (GroLine)		•
HI7007-012	120 mL (GroLine)		•
HI8007L	500 mL	•	•
HI8007L/C	500 mL	•	•

### 7.01 pH @ 25°C, and Combination Packs - Sachets

Code	Value	Size	Package	Certificate of Analysis
HI70007C	7.01 pH	20 mL	25 pcs.	•
HI70007G	7.01 pH (GroLine)	20 mL	25 pcs.	•
HI70007P	7.01 pH	20 mL	25 pcs.	
HI700074P	7.01 pH (Pool Line)	20 mL	25 pcs.	
HI77700P	7.01 pH	20 mL	10 pcs.	
HI770710C	10.01 & 7.01 pH	20 mL	10 pcs., 5 ea	•
HI770710P	10.01 & 7.01 pH	20 mL	10 pcs., 5 ea	
HI77100C	1413 µS/cm & 7.01 pH	20 mL	20 pcs., 10 ea	•
HI77100P	1413 µS/cm & 7.01 pH	20 mL	20 pcs., 10 ea	
HI77200P	1500 mg/L (ppm) & 7.01 pH	20 mL	20 pcs., 10 ea	
HI77400P	4.01 & 7.01 pH	20 mL	10 pcs., 5 ea	

- **Air-tight bottles**
  - Air-tight bottle with tamper-proof seal of freshness to ensure quality.
- **Single use sachets**
  - Opaque packaging prevents oxidation from UV light that could alter the value. Every sachet is as fresh as the day it was packaged.
- **FDA compliant bottles (HI80xx)**
  - Hanna solutions are offered in opaque, bottles that meet FDA requirements.

### 7.01 pH Buffer Solution

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 application demand.



ติดต่อบริษัท นีโอนิคส์ จำกัด

Tel: 098-479-5684 หรือ 061-8268939

E-mail: [sale@tools.in.th](mailto:sale@tools.in.th) เว็บไซต์ [www.tools.in.th](http://www.tools.in.th)

## pH Buffer Solutions

- **Safety Data Sheets**
  - Safety data sheets for all Hanna solutions are available at [hannainst.com](http://hannainst.com) or upon request.
- **Expiration date**
  - The production batch number, expiration date, and temperature correlation table are reported on all Hanna calibration solutions.
- **NIST traceability**
  - Standardized using a pH meter calibrated by means of two standard solutions prepared from NIST standard reference materials.



- **Air-tight bottles**
  - Air-tight bottle with tamper-proof seal of freshness to ensure quality.
- **Single use sachets**
  - Opaque packaging prevents oxidation from UV light that could alter the value. Every sachet is as fresh as the day it was packaged.
- **FDA compliant bottles (HI80xx)**
  - Hanna solutions are offered in opaque bottles that meet FDA requirements.

### 10.01 pH Buffer Solution

pH 10.01 solution is commonly used to calibrate equipment used for analyzing basic samples. pH 10.01 buffer solution is available in various sizes to best fit your needs.



### 10.01 pH @ 25°C - Bottles

Code	Size	FDA Bottle	Certificate of Analysis
HI7010/1G	1 G (3.78 L) (color coded bottle)		on request
HI7010/1L	1 L (color coded bottle)		on request
HI7010L	500 mL		on request
HI7010C	500 mL (color coded solution)		on request
HI7010L/C	500 mL		•
HI7010M	230 mL		on request
HI7010-050	500 mL (GroLine®)		•
HI7010-023	230 mL (GroLine)		•
HI7010-012	120 mL (GroLine)		•
HI8010L	500 mL	•	•
HI8010L/C	500 mL	•	•

### 10.01 pH @ 25°C, and Combination Packs - Sachets

Code	pH Value	Size	Package	Certificate of Analysis
HI70010C	10.01	20 mL	25 pcs.	•
HI70010P	10.01	20 mL	25 pcs.	
HI770710C	10.01 & 7.01	20 mL	10 pcs., 5 ea	•
HI770710P	10.01 & 7.01	20 mL	10 pcs., 5 ea	

ติดต่อบริษัท นีโอนิคส์ จำกัด

Tel: 098-479-5684 หรือ 061-8268939

E-mail: [sale@tools.in.th](mailto:sale@tools.in.th) เว็บไซต์ [www.tools.in.th](http://www.tools.in.th)