



Precise Measurements

To obtain precise and valid pH measurements, the pH meter and pH electrode must be calibrated at a minimum of 2 different points, close to the value of the sample to be tested.

HANNA offers a complete range of pH buffer solutions, that will satisfy all your calibration needs and which have been extended with two additional lines: the HI 50xx series of technical buffer solutions (shown on these pages,) and the solutions with millesimal resolution, HI 60xx.

Technical Solutions (±0.01 pH) for Each Point of the pH Scale

This complete scale of buffer solutions offers a higher degree of accuracy for pH measurements in specific areas of application, such as in monitoring the pH of must and wine. This line includes 13 solutions starting from a value of pH 1.00 up to pH 13.00 with an accuracy of ±0.01 pH, thus covering every point of the pH scale.

These solutions are dedicated to those applications that require extremely accurate pH monitoring, and are also available with certificate of analysis prepared by comparison against NIST standards.

Also available are solution bottles, that are colored according to a given standard calibration value: HI 5004-R (Red), HI 5007-G (Green) and HI 5010-V (Violet).



BOTTLES		
pH VALUE @25°C	CODE	PACKAGE
1.00	HI 5001	500 mL
1.68	HI 5016	500 mL
2.00	HI 5002	500 mL
2.00	HI 5002-01	1 L
2.00	HI 5002-36	500 mL (36)
3.00	HI 5003	500 mL
3.00	HI 5003-36	500 mL (36)
3.79	HI 5037	500 mL
4.01	HI 5004	500 mL
4.01	HI 5004-01	1 L
4.01	HI 5004-12	500 mL (12)
4.01	HI 5004-36	500 mL (36)
4.01	HI 5004-R	500 mL
4.01	HI 5004-R08	1 G (3.78 L) (2)
4.01	HI 5004-R36	500 mL (36)
4.63	HI 5046	500 mL
4.63	HI 5046-01	1 L
5.00	HI 5005	500 mL
5.00	HI 5005-01	1 L
6.00	HI 5006	500 mL
6.00	HI 5006-01	1 L
6.00	HI 5006-36	500 mL (36)
6.86	HI 5068	500 mL
7.01	HI 5007	500 mL
7.01	HI 5007-01	1 L
7.01	HI 5007-12	500 mL (12)
7.01	HI 5007-36	500 mL (36)
7.01	HI 5007-G	500 mL
7.01	HI 5007-G08	1 G (3.78 L) (2)
7.01	HI 5007-G36	500 mL (36)
7.41	HI 5074	500 mL
7.41	HI 5074-01	1 L
8.00	HI 5008	500 mL
8.00	HI 5008-01	1 L
8.00	HI 5008-36	500 mL (36)
9.00	HI 5009	500 mL
9.00	HI 5009-01	1 L
9.00	HI 5009-36	500 mL (36)
9.18	HI 5091	500 mL
10.01	HI 5010	500 mL
10.01	HI 5010-01	1 L
10.01	HI 5010-12	500 mL (12)
10.01	HI 5010-36	500 mL (36)
10.01	HI 5010-V	500 mL
10.01	HI 5010-V08	1 G (3.78 L) (2)
10.01	HI 5010-V36	500 mL (36)
11.00	HI 5011	500 mL
12.00	HI 5012	500 mL
12.45	HI 5124	500 mL
13.00	HI 5013	500 mL