

RICCA CHEMICAL COMPANY offers a complete line of pH buffers ranging from pH 1 to pH 13. Commonly used buffers (pH 4, 7 and 10) are available as clear or color-coded reference standard solutions for easier identification in the lab. Alternate color-coding is available for other pH values. We do not use formaldehyde or mercury compounds as preservatives, or chromium compounds as colorants, making our buffers safer to use and easier to dispose. The specification on RICCA brand pH buffers is ± 0.01 at 25°C (± 0.002 for most Precision Buffers). All RICCA brand pH Buffer Reference Standards are certified traceable in NIST Standard Reference Materials, lot numbered, and expiration dated.

Tested in an ISO 17025 accredited laboratory

Features:

- Complete pH range available from a single source
- Accurate to ± 0.01 at 25°C (± 0.002 for most Precision Buffers)
- Temperature conversion charts available on all pH 1 to pH 11 buffers
- Standardized and certified traceable to NIST Standard Reference Material
- Lot numbers and expiration dates printed on each label
- Available in ready-to-use 500mL, 1 and 4L poly natural bottles, 4, 10 and 20 Liter Cubitainers, or 20mL single-use pouches
- Available in clear or color-coded formulations (red for pH 4, yellow or green for pH 7 and blue for pH 10)



Custom Solutions

We can formulate products to meet your specifications and your timeline for delivery. As the largest independent manufacturer of chemical testing solutions in North America, we are uniquely qualified to meet all of your solutions needs. Package sizes range from 20mL pouches to 330 gallon re-usable totes.

Buffer, pH 1.00 \pm 0.01 at 25°C

Part Number: RC1489
Sizes: 500mL, 1L, 4L

Buffer, pH 1.07 \pm 0.01 at 25°C

Part Number: RC1490
Sizes: 500mL, 1L, 4L

Buffer, pH 1.68 \pm 0.01 at 25°C

Part Number: RC1492
Sizes: 500mL, 1L, 4L

Buffer, pH 2.00 \pm 0.01 at 25°C

Part Number: RC1493
Sizes: 500mL, 1L, 4L

Buffer, pH 3.00 \pm 0.01 at 25°C

Part Number: RC1495
Sizes: 500mL, 1L, 4L

Buffer, pH 4.00 \pm 0.01 at 25°C

Part Number: RC1500
Sizes: 500mL, 1L, 4L, 10L, 20L

Buffer, pH 4.00 \pm 0.01 at 25°C – Color-coded Red

Part Number: RC1501
Sizes: 500mL, 1L, 4L, 10L, 20L

Buffer, pH 4.00 \pm 0.002 at 25°C – Color-coded Red

Part Number: RC1502
Sizes: 500mL

Buffer, pH 5.00 \pm 0.01 at 25°C

Part Number: RC1505
Sizes: 500mL, 1L, 4L

Buffer, pH 6.00 \pm 0.01 at 25°C

Part Number: RC1510
Sizes: 500mL, 1L, 4L

Buffer, pH 6.86 \pm 0.01 at 25°C

Part Number: RC1540
Sizes: 500mL, 1L, 4L

Buffer, pH 7.00 \pm 0.01 at 25°C

Part Number: RC1550
Sizes: 500mL, 1L, 4L, 10L, 20L

Buffer, pH 7.00 \pm 0.01 at 25°C – Color-coded Yellow

Part Number: RC1551
Sizes: 500mL, 1L, 4L, 10L, 20L

Buffer, pH 7.00 \pm 0.01 at 25°C – Color-coded Green

For clinical and winery applications
Part Number: RC1551.4
Sizes: 500mL, 1L, 4L, 10L, 20L

Buffer, pH 7.00 \pm 0.002 at 25°C – Color-coded Yellow

Part Number: RC1552
Sizes: 500mL

Buffer, pH 8.00 \pm 0.01 at 25°C

Part Number: RC1580
Sizes: 500mL, 1L, 4L

Buffer, pH 9.00 \pm 0.01 at 25°C

Part Number: RC1590
Sizes: 500mL, 1L, 4L

Buffer, pH 9.18 \pm 0.01 at 25°C

Part Number: RC1595
Sizes: 500mL, 1L, 4L

Buffer, pH 10.00 \pm 0.01 at 25°C

Part Number: RC1600
Sizes: 500mL, 1L, 4L, 10L, 20L

Buffer, pH 10.00 \pm 0.01 at 25°C – Color-coded Blue

Part Number: RC1601
Sizes: 500mL, 1L, 4L, 10L, 20L

Buffer, pH 10.00 \pm 0.005 at 25°C – Color-coded Blue

Part Number: RC1602
Sizes: 500mL

Buffer, pH 11.00 \pm 0.01 at 25°C

Part Number: RC1610
Sizes: 500mL

Buffer, pH 12.00 \pm 0.01 at 25°C

Part Number: RC1615
Sizes: 500mL

Buffer, pH 12.45 \pm 0.01 at 25°C

Part Number: RC1618
Sizes: 500mL


Buffer, pH 13.00 \pm 0.01 at 25°C

Part Number: RC1625
Sizes: 500mL, 1L

Manufacturing Sites

Arlington, Texas • Pocomoke City, Maryland • Batesville, Indiana

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