



Panreac

Buffer Solutions and
Concentrated Buffer
Solutions

NIST SRM-traceable

Buffer Solutions and Concentrated Buffer Solutions NIST SRM-traceable

Panreac offers a wide range of pH buffer solutions, NIST SRM-traceable, for gauging pH-meters. This range of buffers includes both concentrated buffer solutions, which we call STc's, and ready-to-use solutions, known as ST's.

All these solutions are highly stable and can be stored for a long time: up to 6 years.

A precision of ± 0.02 , at a temperature of 20°C, is guaranteed in most cases.

The label on each container includes all the relevant information for better control of quality management. All sales units of these solutions are supplied complete with their Certificate of Analysis.

**If you cannot find the buffer solution you need, we can make it for you.
Please do not hesitate to get in touch to enquire.**

STc's, concentrated Buffer Solutions

- Savings in storage space.
- Easy to prepare.



ST's, ready-to-use Buffer Solutions

- Wide range of solutions.
- New single-dose 20 ml format.



Product label

- NIST SRM-traceability.
- Exact pH value with precision of two decimal points (± 0.02).
- Detailed composition.
- Lot number and expiry date indicated.
- pH vs Temperature variation table.



Certificate of Analysis

- Included in each sales unit.
- Also available on Panreac's website: www.panreac.com

Buffer Solutions

Ordering Information

| Description | Code | Packages | | | | | |
|---|--------|------------|--------|--------|---------|-----|------|
| | | 12 x 20 ml | 250 ml | 500 ml | 1000 ml | 5 l | 10 l |
| Buffer solution pH 1,00 ±0,02 (20°C) ST | 272580 | | | | | | |
| Buffer solution pH 2,00±0,02 (20°C) ST | 272581 | | | | | | |
| Buffer solution pH 3,00±0,02 (20°C) ST | 272537 | | | | | | |
| Buffer solution pH 4,00±0,02 (20°C) ST | 272168 | | | | | | |
| Buffer solution pH 4,00±0,02 (20°C) (red colour) ST | 273616 | | | | | | |
| Buffer solution pH 5,00±0,02 (20°C) ST | 272582 | | | | | | |
| Buffer solution pH 6,00±0,02 (20°C) ST | 272549 | | | | | | |
| Buffer solution pH 7,00±0,02 (20°C) ST | 272170 | | | | | | |
| Buffer solution pH 7,00±0,02 (20°C) (yellow colour) ST | 273617 | | | | | | |
| Buffer solution pH 7,02±0,02 (20°C) ST | 273108 | | | | | | |
| Buffer solution pH 8,00±0,02 (20°C) ST | 272583 | | | | | | |
| Buffer solution pH 9,00±0,02 (20°C) ST | 272172 | | | | | | |
| Buffer solution pH 9,23±0,02 (20°C) ST | 273107 | | | | | | |
| Buffer solution pH 10,00±0,05 (20°C) ST | 272584 | | | | | | |
| Buffer solution pH 10,00±0,05 (20°C) (blue colour) ST | 273618 | | | | | | |
| Buffer solution pH 11,00±0,05 (20°C) ST | 272585 | | | | | | |
| Buffer solution pH 12,00±0,05 (20°C) ST | 272586 | | | | | | |
| Buffer solution pH 13,00±0,05 (20°C) ST | 272587 | | | | | | |
| Buffer solution pH 7,40±0,02 (20°C) ST | 273301 | | | | | | |
| Buffer solution pH 7,60±0,02 (20°C) ST | 273302 | | | | | | |
| Conditioning buffers | | | | | | | |
| TISAB I (ASTM D 1179) for samples containing <0,1 ppm in Fe and/or Al ST | 275210 | | | | | | |
| TISAB II (STANDARD METHODS/AOAC) for samples containing <3 ppm in Fe and/or Al ST | 274765 | | | | | | |
| TISAB III Concentrated solution for samples containing <3 ppm in Fe and/or Al ST | 273526 | | | | | | |
| TISAB IV (ASTM D 1179) for samples containing <100 ppm in Fe and/or Al ST | 273531 | | | | | | |
| TISAB B (F.C.C.) in food analysis ST | 275211 | | | | | | |

Concentrated Buffer Solutions

Ordering Information

| Description | Code | Packages |
|--|--------|-------------|
| pH Buffer 4,01 ±0,02 (25°C) (capsules) STc | 293164 | 25 Capsules |
| pH Buffer 7,00±0,02 (25°C) (capsules) STc | 293165 | 25 Capsules |
| pH Buffer 9,00 ±0,02 (25°C) (capsules) STc | 293166 | 25 Capsules |
| pH Buffer 10,00±0,02 (25°C) (capsules) STc | 293167 | 25 Capsules |

Packaging Symbols:

- Polyethylene bottle
- Polyethylene container with removable tap
- Polyethylene canister
- Carton box with inner polyethylene bag





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