

# pH buffers

## CPY20

### Highly precise pH buffers for all industries



More information and current pricing:

[www.it.endress.com/CPY20](http://www.it.endress.com/CPY20)

#### Benefits:

- The high accuracy and reproducibility of the buffers help you optimize the pH value in your process and maximize the yield and quality of your product.
- CPY20 pH buffers are traceable to standard reference material of NIST (USA) and PTB (Germany) and fulfill the stringent documentation requirements of Life Sciences.
- All used preservatives are FDA-listed for highest product safety in FDA-supervised processes.
- Temperature curves of CPY20 pH buffers are pre-programmed in all Liquiline series transmitters to simplify sensor calibration and adjustment, reducing your maintenance effort.
- The easily accessible, identical certificates of all CPY20 pH buffers simplify your audit trails and improve the reliability of your SOPs.
- Detailed, individual buffer analysis certificate available in the **Download Area**. Enter your lot number in the "Text Search" field and click the "Start Search" button.

**Field of application:** The high-quality CPY20 buffers guarantee pH calibration to ultimate precision. They are produced and bottled in the permanent calibration laboratory that has successfully passed the tough DAkkS accreditation (German accreditation authority). The buffers are specified with an accuracy rating of  $\pm 0.02$  pH. They are traceable to NIST and PTB standard reference material and contain only FDA-listed preservatives. Using CPY20 you will achieve correct values that you can rely on.

#### Features and specifications

pH

**Measuring principle**

Potentiometric

**Application**

pH buffer solution to calibrate all pH sensors

**Characteristic**

Accuracy 0,02 pH values according NIST/DIN

**Measurement range**

pH 2,0

pH 4,0

pH 7,0

pH 9,0

pH 9,2

pH 10,0

pH 12,0

**Design**

The different buffer solutions are colored to avoid mixing of the buffers.

pH 4,0 --&gt; red

pH 7,0 --&gt; green

pH 9,2 --&gt; blue

**Dimension**

Available in different volume units:

5000ml for use in the Topcal system

1000 ml /250ml

18 ml for single use.

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