



PRODUCT CODE: 273108

Buffer Solution pH 7.02 (20°C)

TARIC 3822 90 00 00

The measure of pH in the quality control of our buffer solutions is traceable with the formulation according to U.S. National Institute of Standards and Technology Buffers .

PHYSICAL DATA: liquid, Miscible with water • D 1,008 •

BIBLIOGRAPHY:

HAZARDOUS:

WEIGHT/VOLUME INFORMATION: 1l-1,008 kg 1kg-0,992 l

COMPOSITION:

| | |
|---|----------|
| Potassium di-Hydrogen Phosphate | 3,522 g |
| di-Sodium Hydrogen Phosphate 12-hydrate | 14,020 g |
| Preservative 1% | 5 ml |
| Water (s.q.m) | 1 l |

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE:

| T (°C) | ApH |
|--------|-------|
| 0 | +0,13 |
| 5 | +0,07 |
| 10 | +0,05 |
| 15 | +0,02 |
| 20 | 0 |
| 25 | -0,02 |
| 30 | -0,02 |
| 35 | -0,04 |
| 40 | -0,05 |

50

-0,05

Uncertainty
Traceability

See certificate
NIST

pH at 20°C

7,00 - 7,04