



PRODUCT CODE: 272172

Buffer Solution pH 9.00 (20°C)

TARIC 3822 00 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 20/4 1,00 • pH9,0 •

BIBLIOGRAPHY:

HAZARDOUS:

WEIGHT/VOLUME INFORMATION: 1l~1,006 kg 1kg~0,994 l

COMPOSITION:

| | |
|-------------------------------|---------|
| Boric Acid | 3,092 g |
| Potassium Chloride | 3,728 g |
| Sodium Hydroxide 50% sol. w/w | 1,10 ml |
| Preservative 1% | 5 ml |
| Water (s.q.m) | 1 l |

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE:
T (°C)

ApH

| | |
|--------------|-----------------|
| 0 | +0,24 |
| 5 | +0,16 |
| 10 | +0,11 |
| 15 | +0,05 |
| 20 | |
| 25 | -0,05 |
| 30 | -0,09 |
| 35 | -0,12 |
| 40 | -0,15 |
| 50 | -0,21 |
| Uncertainty | See certificate |
| Traceability | NIST |
| pH at 20°C | 8,98 - 9,02 |

Ed.: 2 . Vig.: 10.07.2014 .

Prod.: 272172