



PRODUCT CODE: 273616

Buffer Solution pH 4.00 (20°C) (red colour)

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 1,0 • pH4,0 •

BIBLIOGRAPHY:

HAZARDOUS:

WEIGHT/VOLUME INFORMATION: 1l~1,005 kg 1kg~0,995 l

COMPOSITION:

Citric Acid 1 H ₂ O	11,768 g
Sodium Hydroxide 50% sol. w/w	6 ml
Hydrochloric Acid 35%	3,96 ml
Preservative 1%	5 ml
Amaranth	4 mg/l
Water (s.q.m)	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE:
T (°C)

ApH

0	+0,05
5	+0,04
10	+0,02
15	+0,01
20	
25	+0,01
30	+0,01
35	+0,01
40	+0,01
50	

Uncertainty
Traceability

See certificate
NIST

pH at 20°C

3,98 - 4,02

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