



PRODUCT CODE: 272168

Buffer Solution pH 4.00 (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 1,01 • pH4,0 •

BIBLIOGRAPHY:

HAZARDOUS:



H: H290 •
P: P234 • P390 • P406 •

WEIGHT/VOLUME INFORMATION: 1l~1,008 kg 1kg~0,992 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
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	0
25	+0,01
30	+0,01
35	+0,01
40	+0,01
50	0
Uncertainty	See certificate
Traceability	NIST
pH at 20°C	3,98 - 4,02