



**PRODUCT CODE: 272583**

**Buffer Solution pH 8.00 (20°C)**

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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 • pH8,0 •

**BIBLIOGRAPHY:**

**HAZARDOUS:**

**WEIGHT/VOLUME INFORMATION:** 1l~1,002 kg      1kg~0,998 l

**COMPOSITION:**

Boric Acid	6,928 g
Sodium Hydroxide 50% sol. w/w	3 ml
Hydrochloric Acid 35%	3,9 ml
Preservative 1%	5 ml
Water (s.q.m)	1 l

**SPECIFICATIONS:**

pH VALUES DEPENDING ON TEMPERATURE:  
T (°C)

ApH

0	+0,15
5	+0,10
10	+0,07
15	+0,04
20	
25	-0,04
30	-0,06
35	-0,08
40	-0,10
50	-0,15
Uncertainty	See certificate
Traceability	NIST
pH at 20°C	7,98 - 8,02