



PRODUCT CODE: 272583

Buffer Solution pH 8.00 (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 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	0
25	-0,04
30	-0,06
35	-0,08

40
50

-0,10
-0,15

Uncertainty
Traceability

See certificate
NIST

pH at 20°C

7,98 - 8,02