



PRODUCT CODE: 272584

Buffer Solution pH 10.00 (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 • M.P.: -6 °C • B.P.: 110 °C • pH10,0 •

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	2,34 ml
Preservative 1%	5 ml
Water (s.q.m)	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE:
T (°C)

ApH

0	+0,26
5	+0,17
10	+0,11
15	+0,05
20	
25	-0,06
30	-0,11
35	-0,16
40	-0,18
50	-0,26
Uncertainty	See certificate
Traceability	NIST
pH at 20°C	9,95 - 10,05

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