



PRODUCT CODE: 273618

Buffer Solution pH 10.00 (20°C) (blue colour)

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 • M.P.: -6 °C • B.P.: 110 °C •

BIBLIOGRAPHY:

HAZARDOUS:

WEIGHT/VOLUME INFORMATION: 1l-1,004 kg 1kg-0,996 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
Preservative 1%	3 mg/l
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	0
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