



PRODUCT CODE: 273107

Buffer Solution pH 9.23 (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 1,001 •

BIBLIOGRAPHY:

HAZARDOUS:

WEIGHT/VOLUME INFORMATION: 1l~1,001 kg 1kg~0,999 l

COMPOSITION:

Boric Acid	2,475 g
Sodium Hydroxide pellets	0,825 g
Preservative 1%	5 ml
Water (s.q.m)	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE:
T (°C)

ApH

0	+0,24
5	+0,17
10	+0,11
15	+0,05
20	
25	-0,05
30	-0,09
35	-0,12
40	-0,16
50	-0,21
Uncertainty	See certificate
Traceability	NIST
pH at 20°C	9,21 - 9,25