



PRODUCT CODE: 272586

Buffer Solution pH 12.00 (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 1,004 • pH12,0 •

BIBLIOGRAPHY:

HAZARDOUS:

WEIGHT/VOLUME INFORMATION: 1l-1,004 kg 1kg-0,996 l

COMPOSITION:

di-Sodium Hydrogen Phosphate 12-hydrate	8,955 g
Sodium Hydroxide 50% sol. w/w	1,19 ml
Preservative 1%	5 ml
Water (s.q.m)	1 l

SPECIFICATIONS:

pH VALUES DEPENDING ON TEMPERATURE:

T (°C)	ApH
0	+0,58
5	+0,41
10	+0,26
15	+0,10
20	0
25	-0,12
30	-0,28
35	-0,33
40	-0,46

50

-0,67

Uncertainty
Traceability

See certificate
NIST

pH at 20°C

11,95 - 12,05