



**PRODUCT CODE: 272586**

**Buffer Solution pH 12.00 (20°C)**

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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	
25	-0,12
30	-0,28
35	-0,33
40	-0,46
50	-0,67
Uncertainty	See certificate
Traceability	NIST
pH at 20°C	11,95 - 12,05