

**Buffer solution Set I (25°C) CertiPUR®**

(Contains 10 sachets each of pH 4.01, pH 7.00, pH 9.00.)



EINECS 215-185-5

Maximum deviation  $\pm 0.015$  pH units.  
Each sachet 30 ml, supplied with batch specific Certificate of Analysis.  
Traceable to NIST primary standards.

Cat. No.	Pack	Pack type
1.99005.0001	3 x 10	

**Buffer solution set II (25°C) CertiPUR®**

(Contains 10 sachets each of pH 4.01, pH 7.00, pH 10.00.)



EINECS 215-185-5

Maximum deviation  $\pm 0.015$  pH units (pH 10 max  $\pm 0.05$  pH units).  
Each sachet 30 ml, supplied with batch specific Certificate of Analysis.  
Traceable to NIST primary standards.

Cat. No.	Pack	Pack type
1.99006.0001	3 x 10	

**CertiPUR® Certified Secondary Reference Buffer Solutions**

for the precise calibration and monitoring of pH instrumentation. Traceable to the primary standard reference materials from NIST and PTB.

**Potassium tetraoxalate dihydrate pH(S) = 1.681(25°C) certified secondary standard reference buffer solution CertiPUR®**

Maximum deviation  $\pm 0.03$  pH units  
Directly traceable to primary SRM from NIST/PTB

Cat. No.	Pack	Pack type
1.07204.0105	5 x 100 ml	PB

**Potassium hydrogen phthalate pH(S) = 4.005(25°C) certified secondary standard reference buffer solution CertiPUR®**

CAS [877-24-7]

EINECS 212-889-4

$\text{C}_8\text{H}_5\text{KO}_4$   
M.W. 204,22

Melting Pt 295-300°C decomp.

Maximum deviation  $\pm 0.03$  pH units  
Directly traceable to primary SRM from NIST/PTB

Cat. No.	Pack	Pack type
1.07200.0105	5 x 100 ml	PB

**Potassium hydrogen phosphate/di-Sodium hydrogen phosphate pH (S) = 6.863(25°C) certified secondary standard reference buffer solution CertiPUR®**

Maximum deviation  $\pm 0.03$  pH units  
Directly traceable to primary SRM from NIST/PTB

Cat. No.	Pack	Pack type
1.07202.0105	5 x 100 ml	PB

**Potassium hydrogen phosphate/di-Sodium hydrogen phosphate pH(S) = 7.416(25°C) certified secondary standard reference buffer solution CertiPUR®**

Maximum deviation  $\pm 0.03$  pH units  
Directly traceable to primary SRM from NIST/PTB

Cat. No.	Pack	Pack type
1.07205.0105	5 x 100 ml	PB

**di-Sodium tetraborate decahydrate pH(S) = 9.184(25°C) certified secondary standard reference buffer solution CertiPUR®**

R: 22  
S: 24/25



CAS [1303-96-4]

EINECS 215-540-4

$\text{B}_4\text{Na}_2\text{O}_7 \cdot 10\text{H}_2\text{O}$   
M.W. 381,37

 $\text{Na}_2\text{B}_4\text{O}_7 \cdot 10\text{H}_2\text{O}$ 

Maximum deviation  $\pm 0.03$  pH units  
Directly traceable to primary SRM from NIST/PTB

Cat. No.	Pack	Pack type
1.07203.0105	5 x 100 ml	PB

**CertiPUR® Buffer Solutions**

Merck CertiPUR® buffer solutions available with pH value measured at 20°C and 25°C.

**Buffer solution pH 4.01 (25°C) CertiPUR®**

(Contains potassium hydrogen phthalate. )



EINECS 215-185-5

Maximum deviation  $\pm 0.015$  pH units  
Traceable to NIST and PTB

Cat. No.	Pack	Pack type
1.09406.1000	1 l	PB

**Buffer solution pH 7.00 (25°C) CertiPUR®**

(Contains di-sodium hydrogen phosphate and potassium di-hydrogen phosphate. )



EINECS 215-185-5

Maximum deviation  $\pm 0.015$  pH units  
Traceable to NIST and PTB

Cat. No.	Pack	Pack type
1.09407.1000	1 l	PB

**Buffer solution pH 9.00 (25°C) CertiPUR®**

(Contains boric acid, sodium hydroxide and potassium chloride. )



EINECS 215-185-5

Maximum deviation  $\pm 0.015$  pH units  
Traceable to NIST and PTB

Cat. No.	Pack	Pack type
1.09408.1000	1 l	PB

**Buffer solution pH 10.00 (25°C) CertiPUR®**

(Contains boric acid, sodium hydroxide and potassium chloride. )



EINECS 215-185-5

Maximum deviation  $\pm 0.015$  pH units  
Traceable to NIST and PTB

Cat. No.	Pack	Pack type
1.09409.1000	1 l	PB