

ANALYSIS CERTIFICATE

CODE: 272168

BATCH: 0002252160

PRODUCT: Buffer Solution pH 4.00 (20°C)

ISSUE DATE: 30/01/2023

RETEST DATE: 01/2029

SPECIFICATIONS	GUARANTEE VALUE	ACTUAL VALUE
pH value at 20°C	3,98 - 4,02	4,00
Uncertainty	± 0,015	

Determination

The determination is carried out with a glass combined electrode, potentiometrically, by linear interpolation on a multiple point calibration, obtained with SRM of NIST:

SRM 189c - Potassium Tetraoxalate  
SRM 188 - Potassium Hydrogen Tartrate  
SRM 185h - Potassium Hydrogen Phtalate  
SRM 186 Ig - Potassium di-Hydrogen Phosphate  
SRM 186IIg - di-Sodium Hydrogen Phosphate  
SRM 187e - Sodium Tetraborate decahydrate  
Calcium Hydroxide according to DIN 19266

Notes

- All chemicals used for preparing this buffer solution are for analysis, ACS quality.
- The stability of prepared solution must be checked periodically by the user.
- Don't use the solution if it is contaminated accidentally.

**Panreac Química SLU**  
C/Garraf, 2  
Polígono Pla de la Bruguera  
E-08211 Castellar del Vallès  
(Barcelona) Spain  
Phone +34 937 489 400  
info.es@itwreagents.com  
www.itwreagents.com



QA Director  
T. Llauradó

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