

ANALYSIS CERTIFICATE

CODE: 272168

BATCH: 0001050761

PRODUCT: Buffer Solution pH 4.00 (20°C)

ISSUE DATE: 14/02/2017

RETEST DATE: 02/2023

SPECIFICATIONS	GUARANTEE VALUE	ACTUAL VALUE
pH value at 20°C		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 Phthalate
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 S.L.U.
C/Garraf, 2
Polígono Pla de la Bruguera
E-08211 Castellar del Vallès
(Barcelona) España
Tel. (+34) 937 489 400
Fax (+34) 937 489 401
e-mail: info.es@itwreagents.com
www.itwreagents.com



Quality Assurance Director
Director de Garantía Calidad
P. Verge

CODE: 272168

BATCH: 0001050761