PanReac AppliChem ITW Reagents

ANALYSIS CERTIFICATE

CODE: **273616** **BATCH:** 0002246710

PRODUCT: **Buffer Solution pH 4.00 (20°C) (red colour)**

ISSUE DATE: 15/12/2022 **RETEST DATE:** 12/2028

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.**

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