

**ANALYSIS CERTIFICATE**

**CODE:** 272168

**BATCH:** 0002066742

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

**ISSUE DATE:** 13/12/2021

**RETEST DATE:** 12/2027

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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