Product Specification

Material	32044.418
Material description	Buffer solution pH 4 red coloured
Grade	

Additional information

Characteristics	Specifications
pH (20°C) (tolerance ± 0.02)	3.98 --> 4.02
Measurement uncertainty	± 0.02 (k=2; 95 %)

Signature

This document has been produced electronically and is valid without a signature.

Isabelle Habay, Head of Laboratory - Briare
VWR International S.A.S.; Z.I. de Vaugereau; FR-45250 Briare; France

cofrac ETALONNAGE

ISO/IEC 17025:2005
Accréditation n°: 2-6081
VWR International S.A.S
Laboratoire de Contrôle Qualité
Z.I. de Vaugereau, FR-45250 Briare
Scope available on www.cofrac.fr / Portée disponible sur www.cofrac.fr

Additional information

Reproduction of the certificate of analysis is only permitted in its entirety.

pH-Method: pH value is analyzed with a glass electrode after 4-point calibration following the validated standard procedure of ISO/IEC 17025 accreditation. pH value with expanded measurement uncertainty of ± 0.02 pH using a coverage factor k=2 for a 95 % coverage probability.

Preparation: This reference material is prepared gravimetrically from potassium hydrogen phthalate and high purity water.

Accreditation: VWR International SAS is accredited as calibration laboratory according to ISO/IEC 17025. The batch homogenity, the acceptance criteria and the expiry date are not part of accreditation. The shown results refer to the samples analyzed in the laboratory.

The pH of this buffer solution is traceable to and verified against the reference value ot at least one primary Standard Reference Material (SRM) from National Institute of Standards and Technology (NIST).

Store at +2°C to +25°C tightly closed in the original container.

For Professional use in Laboratory or Manufacturing. Not for use as an Active Pharmaceutical Ingredient or Food or Animal Feed. Suitability and intended use of the product remains the responsibility of the user.