

Specification

Item number: 4280

Buffer solution pH 3.776 ± 0.01 (25 °C)

ROTI®Calipure buffer solution, ready to use

CAS No.:

print date:

01.01.2024

formula:

density: 1,00

molecular weight:

Type analysis

pH-value (25 °C)

3.776 ± 0.01

The buffer solution contains:

Potassium di-hydrogene citrate

Temperature dependence of the pH-value:

Temperature(°C)	pH-value
5	3,840
10	3,819
15	3,801
20	3,787
25	3,775
30	3,766
37	3,757
40	3,754
45	3,751
50	3,748

The ready-to-use buffer solutions from ROTH were manufactured with extreme care from exceptionally pure buffer substances. This dispensed with the time-consuming processes of drying and weighing the reagents. By comparing the results to standard buffer solutions acc. to DIN 19266 the ready-to-use buffer solutions are adjusted to their respective pH values. These standard buffer solutions can be traced back to primary PTB and/or NIST reference materials. Precise compliance with the pH value enables the measuring equipment to be calibrated precisely and rapidly. These buffer solutions are stabilized against algae and bacterial action.

Our products are tested for laboratory use only.

The stated information refers to the current status of product quality.

We reserve the right to implement necessary changes.

Dr. R. Niemand

Head of Quality Assurance

S. Lorsee

Head of Quality Management

This document is computer printout and has therefore not been signed by hand.

Carl Roth GmbH + Co. KG

Schoemperlenstraße 3-5

76185 Karlsruhe

Telefon 0721/5606-0

Telefax 0721/5606-149

E-Mail: info@carlroth.de

Die Firma ist eine Kommanditgesellschaft mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRA 100055. Persönlich haftende Gesellschafterin ist die Firma Roth Chemie GmbH mit Sitz in Karlsruhe, Reg. Gericht Mannheim HRB 100428. Geschäftsführer: André Houdelet

