



Reagecon pH 4.00 Colour Coded Buffer Solution at 20ºC in Twin Neck

Item No. 10405CTT

Reagecon's pH Buffer Solution at 20°C is colour coded for ease of use. Tested by our ISO 17025 Accredited Test Method (A2LA Ref: 6739.03) and NIST traceable.

Additional Details

Pack Size	500ml
Weight	0.62
Weight Unit	Kg
Colour	Red
Tariff Code	3822 190090
Country of Origin	Ireland

DESCRIPTION

- TWIN-NECK BOTTLES: Are ideal for use with portable pH meters and for field work. Their integral calibration chamber (measuring chamber) prevents contamination and removes the need to carry a separate measuring container or to decant buffers for use in the field. Correct quantity of buffer required for calibration is dispensed into the calibrating chamber giving rise to no waste.
- TRACEABILITY: Directly traceable to the IUPAC pH scale by an unbroken chain of traceability. Reagecon achieve this traceability through a series of comparisons with the key reference materials being Standard Reference Materials (SRMs) manufactured by NIST. Reagecon's pH Buffer Solutions meet the ISO definition of metrological traceability "The ability to relate measurements back to a stated reference (usually an international standard) through an unbroken chain of comparisons each having stated uncertainties of measurement." Reagecon's traceability claims are independently verified through our accreditation to ISO/IEC 17025.
- STABILITY AND SHELF LIFE: Manufactured to exacting specifications with an extended shelf life & stability; even after opening the bottle thereby eliminating the requirement to open a fresh bottle of solution every time it is used.
- TEMPERATURE DEPENDENCE & EXPIRY: Temperature dependence data is available via the product label as are lot numbers and expiry dates for user convenience.
- CALIBRATION BUFFERS: Reagecon pH Buffers are pre-programmed into the instruments of most major manufacturers.
- CONTROL BUFFERS: For increased confidence in their test measurements; analysts should regularly measure the pH of a control standard. If an acceptable value is obtained from the control standard measurement then the analysts can have improved confidence that their test measurements will be correct. Reagecon's extensive range of pH Buffers means that there will be a Reagecon pH Buffer which can be used as a control buffer for all pH applications.
- WHY USE TRACEABLE pH BUFFERS: Your pH measurements can only be as good as the pH Buffers that you use. If your pH calibration is made using traceable pH Buffers then you have a direct link to the International pH scale for your measurements. Without this link you are not entitled to report your measurements in pH units so the number displayed on your pH meter is just that - a number and is not a pH value. Traceable analysis is necessary for consistency and universal acceptance of your pH results - including acceptance by regulatory bodies.

DOMINIQUE DUTSCHER SAS

PRODUCT SPECIFICATIONS

- pH Buffer Standard, pH Buffer Material

Value	**pH 4.00 ± 0.01**
Additional Information	**Accuracy ± 0.01 pH units**
Tested	**at 20°C**

Use	**Laboratory Chemical**
Packaging	**HDPE Twin Neck Bottle**
Physical Form	**Liquid**