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CERTIFICATE OF ANALYSIS

PO0282_25917001/1

Product	Potassium hydroxide, solution 0,1 mol/l (0,1 N)	Batch	25917001
PO0282		Quality release date	17/06/2025
		Expiry date	06/2028

Analysis	Batch value	Specifications	±U
Factor	1,000	0,999 - 1,001	0,001

Preparation
This volumetric solution is prepared using gravimetric and volumetric procedures.
1 ml = 0,005611 g KOH.

Traceability
This solution was analyzed using a certified reference material (Potassium Hydrogen Phthalate). The certified reference material is ISO 17034 accredited, measured according to ISO/IEC 17025 and traceable to the International System of Units by means of a Standard Reference Material from NIST: SRM® 84 (Potassium Hydrogen Phthalate).

Uncertainty
It characterises the dispersion of the values that could be attributed to the mesurand. The limits of the uncertainty are given at a confidence level of 95% (k=2).

Measurement
The batch value is determined by means of potentiometric method (alkalimetric) at 20ºC.
The equipments involved in the analysis of this solution are validated periodically.
Batch value certified at the time of measurement.

Storage and use
For volumetric titration.
If the product is stored and unopened, this solution is stable for 3 years from the date of manufacturing.
Keep tightly closed at room temperature. Avoid exposure to light and moisture.
We suggest shaking the bottle before use in order to homogenize the content.
The titre should be checked periodically by the user.

For laboratory use only

This certificate does not exempt the user from checking the results upon receipt of the goods.
Any copy of our CoA may be obtained from our website at www.scharlab.com

Marta Martinez Casals
Laboratory Technician