

**Scharlab S.L.**

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**CERTIFICATE OF ANALYSIS**

Product	Sodium hydroxide, solution 0,3546 mol/l (0,3546 N)		Batch	18030701
SO0449			Quality release date	09/05/2017
			Expiry date	05/2020
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.

1ml = 0,01418g NaOH

**Traceability**

This solution was checked using a Scharlau's potassium hydrogen phthalate volumetric standard. This Scharlau's volumetric standard is traceable to Standard Reference Material from NIST SRM 84L 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 20°C.

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.