

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**AQ0012_25295101/1**

Product	Aquagent®, Standard solution 0,01%. Suitable for coulometric Karl Fischer equipment.	Batch	25295101
		Quality release date	11/12/2024
AQ0012		Expiry date	11/2026

Analysis	Batch value	Specifications	±U
Water content	0,090 mg/g	0,090 - 0,115	0,001
Water content	0,0090 %	0,0090 - 0,0115	0,0001

Preparation

This standard has been prepared using gravimetric procedures.

Contains xylene.

Contains 0,1 mg H₂O/1 g standard.

Measurement

The water content is determined by means of direct volumetric Karl-Fischer titration under ISO/IEC 17025. The stated value is obtained as an average of fifteen measurements at five distinct samples. The standard is traceable to SI-units (kg) and verified against a standard traceable to NIST SRM 2890 (Water Saturated 1-Octanol).

Uncertainty

The limits of the uncertainty are given at a confidence level of 95% (k=2).

Storage and use

For Karl-Fischer titrator calibration.

If the product is properly stored and unopened, this standard is stable for 2 years from the date of manufacturing.

The standard must be kept tightly closed at room temperature. Avoid exposure to light and moisture.

For laboratory use only.