

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS**MA0087_25223501/1**

Product	Magnesium sulfate, solution 0,01 mol/l	Batch	25223501
MA0087		Quality release date	17/10/2024
		Expiry date	10/2027
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 = 0,0012037g MgSO₄

Traceability

This solution was checked using an EDTA standard solution, that was also checked against Scharlau's calcium carbonate volumetric standard. This Scharlau's volumetric standard is traceable to Standard Reference Material from NIST SRM 915b calcium carbonate

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 (complexometric) 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.

For laboratory use only