

**Scharlab S.L.**

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CERTIFICATE OF ANALYSIS

Product	Ammonium thiocyanate, solution 0,1 mol/l (0,1 N)		Batch	20113401
AM0420			Quality release date	06/09/2019
			Expiry date	09/2022
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 = 0,007612 g NH₄SCN

Traceability

This solution was checked using a silver nitrate standard solution, that was also checked against Scharlau's potassium chloride volumetric standard. This Scharlau's volumetric standard is traceable to Standard Reference Material from NIST SRM 999c potassium chloride.

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 (argentometric) at 20°C.

The equipment 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.