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CERTIFICATE OF ANALYSIS**SO0731_21578501/1**

Product Sodium thiosulfate, solution 0,1 mol/l (0,1 N)

Batch 21578501

SO0731

Quality release date 09/03/2021

Expiry date 03/2024

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

Contains preservative.

1ml = 0,0248g $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$ **Traceability**

This solution was checked using Scharlau's potassium iodate volumetric standard. This Scharlau's volumetric standard is traceable to Standard Reference Material from NIST SRM 136e potassium dichromate (oxidimetric standard).

UncertaintyIt 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 (Red-ox titration) 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.

For laboratory use only