

# CERTIFICATE OF ANALYSIS

## *European Pharmacopoeia*

### *0.1 M Sodium Nitrite*

**Lot N:** 1089594

**Description:** Ph Eur N 3007200

**Ref N:** 12950894

**Measured Concentration:** **0.0999 M +/- 0.2%** (Determination of primary aromatic amino-nitrogen (2.5.8))

**Method:** Potentiometric titration with sulphanilic acid (Ph Eur 2000700) in hydrochloric acid media.

**Titer\*:** 0.999

**Expiry Date:** 21.09.2025

*\*The Titer (correction factor) is defined as the ratio from the actual molar concentration [c(x)] of a standard solution (actual value) and the intended molar concentration [c1(x)] of the same solution (required value)*

The reagent is specially intended for use in testing Ph Eur and monographs. This solution was produced according 4.2.2 of Ph Eur specifications using Ph Eur reagent quality components and water meeting the Ph Eur monograph requirement for Purified Water.

#### *Instruction for use*

The solution bottle should be open for the minimum time required to dispense the solution. After use, the bottle should be tightly recapped and stored under normal laboratory conditions.  
Standardise immediately before use.

This certificate relates solely to the lot number given above.

**Certification date:** 21.02.2025

Signed by: , Chemical Production Manager