



Certificate of Analysis

International Pharmacopeia ***Sodium hydroxide carbonate-free VS 1 mol/l***

Lot N: 1148297

Description: Sodium hydroxide R dissolved in water to contain 40.01 g of NaOH in 1000 mL.

Ref N: INP454

Measured Concentration: 1.001M NaOH +/- 0.2%

Method: Standardization with potassium hydrogen phthalate? using phenolphthalein/ethanol TS as indicator

Test for carbonates: passed test

Expiry date: 26.09.2026

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

Instruction for use

Standard solutions of sodium hydroxide should be restandardized frequently.

Solutions of alkali hydroxides absorb carbon dioxide when exposed to air. 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.

This certificate relates solely to the lot number given above.

Certification date: 26.08.2025

Signed by: Baraloua, Chemical Production Manager