

Certificate of Analysis

Product name: STORAGE SOLUTION
3.50 ± 0.04 M KCl
Product code: HI70300 L
Lot number: 2964
Best use before: February 2031
Date of analysis: 2026.02.26
Certified value: 3.52 M

Method of standardization:

This quality product is prepared from a high-purity potassium chloride and standardized by the Mohr titration method: chloride is reacted quantitatively with silver nitrate primary standard. Potassium chloride content is calculated stoichiometrically from the chloride concentration.

All primary standard solutions used for this method are prepared from certified salts using deionized water for analytical use ISO 3696 / BS 3978.

Balances and thermometers used are verified against certified reference materials.

Uncertainty U:

The uncertainty interval represents the expanded uncertainty U with a coverage factor of 2 and represents the 95% level of confidence.

Reference number: 26B68
QA manager: Eugenia Tulbure 

QC_HI70300x_rev.1