



6601 HYDROCHECK MONOTEST AMMONIA NESSLER

METHOD OF ANALYSIS: Measurement of the color of the complex formed by the reaction of Ammonia or Ammonium ions with Nessler's reagent.

TPOLOGY: photometric / spectrophotometric analysis with pre-dosed reagent

CELL: 16 mm test tubes

MEASURING RANGE: 0,5 - 10 mg/l NH_3

NUMBER OF ANALYSIS: 20

IDEAL FOR WATERS: waste, purified, thermal circuits

PACKAGE CONTENTS:

- 20 optical glass tubes with pre-dosed reagent
- 1 bottle with 5 ml of M/1 reagent
- 1 optical glass tube containing the white
- 20 adhesives for test tubes
- instructions (English)

INTERFERENCE:

Cyanides, Iron, Manganese and Tin > 0.5 mg/l.

Chromates > 5 mg/l.

Nitrates, Nitrite and Zinc > 50 mg/l.

Also the presence of Pyruvic Acid interferes.

The other substances normally present in the water do not interfere.

NOTE:

- The analysis according to Nessler is a classic method, tested for a century.
- The presence of ammonia (NH_3) or ammonium ions (NH_4^+) depends on the pH of the water before the analysis. The kit instructions show the percent concentrations of both analytes based on the pH and a formula for converting the results from mg/l of NH_3 to mg/l of NH_4^+ .
- This kit require the use of a photometer or spectrophotometer and allow precise and accurate analyzes to be carried out while minimizing operator contact with reagents.
- It is recommended to use a Uvi-Line spectrophotometer which is supplied by us with all the Hydrocheck methods already stored.