

REF 985605.1

Robot

Test 6-05

08.25

NANOCOLOR® Ammonium 50

en

Interferences:

Good reproducibility is obtained in weakly polluted waters. High pollution causes errors and requires distillation prior to analysis.

The method can be applied also for the analysis of sea water.

Analytical quality control:

NANOCONTROL Multistandard sewage influx (REF 925012)

Method:

Photometric determination as indophenol: At a pH value of about 12.6 ammonium reacts with hypochlorite and salicylate in the presence of sodium nitroprusside as catalyst to form a blue indophenol.

Range:	1.0 – 40.0 mg/L NH ₄ -N	1.0 – 50.0 mg/L NH ₄ ⁺ /NH ₃
Wavelength:	690 nm	

Contents of reagent set:

20 test tubes Ammonium 50 Reagent A

20 test tubes Ammonium 50 R2

Hazard warning:

Reagent R2 contains sodium nitroprusside 5 – 33 %.

For further information ask for a safety data sheet.

Preliminary tests:

If the order of magnitude of the concentration in a sample is not known, a preliminary test with QUANTOFIX® Ammonium (10 – 400 mg/L NH₄⁺, REF 91315) rapidly gives this information. From the order of magnitude the required dilution can be calculated and prepared directly.