

# Lovibond® Water Testing Tintometer® Group



## Glutaraldehyde Drop Test Kit

For the determination of glutaraldehyde



- For monitoring of cooling water & other industrial applications
- Contains drop tests for determination
- Reagents for up to 100 tests
- Developed for on-site application

Bestelnr.: 56K700240

### A strong disinfectant

Glutaraldehyde is a strong disinfectant. It reliably kills bacteria, viruses and fungi. It is easily biodegradable and has only a slight corrosive effect on the cooling circuit. Disadvantage: It can cause skin irritation and must therefore be used carefully.

### Effective against microorganisms

The biocidal effect of glutaraldehyde is based on its alkylation of sulphhydryl, hydroxyl, carboxyl and amino groups of microorganisms, which alters RNA, DNA and protein synthesis. In short: It works with denaturation of proteins. Glutaraldehyde is less toxic to aquatic organisms compared to the other biocides. The application concentration is correspondingly higher.

### Drop Tests: Easy to use

Using the drop test is easy: add a reagent to the water sample to indicate the presence of glutaraldehyde by a colour change. Another reagent ensures that the colour disappears again - the number of drops required for this provides information about the concentration of glutaraldehyde.

### Applikation

Koelwater

### Glutaraldehyde Drop Test Kit

The Test Kit is a useful tool to evaluate the effectiveness of the biocide in the water circuit directly on site and to design possible treatment programmes. This makes it possible to assess whether and to what extent microorganisms contaminate the water system and cause costly damage in the long term.

### Meetbereik

Test Name	Meetbereik
Glutaraldehyde	12.5 - 1600 mg/L

# Leveromvang

- Plastic case
- Acidity / Alkalinity P Indicator PA1
- Glutaraldehyde Alkaline Solution
- Glutaraldehyde Powder GL1
- Glutaraldehyde Acid Solution
- Glutaraldehyde Titrant GL2
- Syringe plastic, 20 mL
- Stirring rod & powder spoon
- Titration jar with cap, plastic, 60 mL
- Instruction manual

Omschrijving	Bestelnr.
Spuit, plastic, 20 mL	56A006501
Roerstaaf en poederlepel	56A006601
Titratievat met deksel, kunststof, 60 mL	56A006701

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