

# Cyanogen Chloride 0.25/a

Catalog No CH19801

**Standard Measuring Range:** 0.25 to 5 ppm  
**Number of Strokes (n):** 20 to 1  
**Time for Measurement:** maximum 5 minutes  
**Standard Deviation:**  $\pm 30\%$   
**Color Change:** white to pink

## Ambient Operation Conditions

**Temperature:** 5 to 40°C  
**Absolute Humidity:** < 50 mg H<sub>2</sub>O/L

## Reaction Principle

- a)  $\text{ClCN} + \text{Pyridine} \longrightarrow \text{Glutaconaldehyde Cyanamide}$
- b)  $\text{Glutaconaldehyde} + \text{Barbituric Acid} \longrightarrow \text{pink reaction product}$

## Cross Sensitivity

Cyanogen bromide is also indicated, but with a different sensitivity.  
Calibration data is not available.

## Additional Information

Before carrying out the measurement the reagent ampule must be broken and the liquid of the ampule must be transferred to the indication layer so that it is completely saturated.



# Dräger

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