

# Cyanogen Chloride 0.25/a

Order No. CH 19 801

## Application Range

Standard Measuring Range:	0.25 to 5 ppm
Number of Strokes n:	20 to 1
Time for Measurement:	max. 5 min
Standard Deviation:	± 30 %
Color Change:	white → pink

## Ambient Operating Conditions

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

## Reaction Principle

- $\text{ClCN} + \text{pyridine} \rightarrow \text{glutaconaldehyde cyanamide}$
- $\text{Glutaconaldehyde} + \text{barbituric acid} \rightarrow \text{pink reaction product}$

## Cross Sensitivity

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

## Additional Information

Before performing the measurement the reagent ampoule must be broken and the liquid transferred onto the indicating layer so that it is completely saturated.



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Safety & Industrial Products

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