

Order No.
CH 19801

Cyanogen Chloride 0.25/a

Standard Measuring Range : 0.25 to 5 ppm
Number of Strokes (n) : 20 to 1
Time for Measurement : max. 5 min
Standard Deviation : $\pm 30\%$
Colour Change : white \rightarrow pink

Ambient Operating Conditions

Temperature : 5 to 40 °C
Absolute Humidity : $< 50 \text{ mg H}_2\text{O} / \text{L}$

Reaction Principle

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

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 ampoule must be broken and the liquid of the ampoule must be transferred to the indication layer so that it is completely saturated.



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