

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 ₂ 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.

