

Chloropicrine 0.1/a

Order No. 81 03 421

C

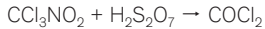
Application Range

Standard Measuring Range:	0.1 to 2 ppm
Number of Strokes n:	15
Time for Measurement:	approx. 7.5 min
Standard Deviation:	± 20 to 30 %
Color Change:	yellow → blue green

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	1 to 20 mg H ₂ O / L

Reaction Principle



$\text{COCl}_2 + \text{diethylaniline} + \text{dimethylaminobenzaldehyde} \rightarrow$
bluish-green reaction product

Cross Sensitivity

The indication is not affected by:

- 50 ppm ammonia
- 10 ppm hydrocyanic acid
- 1 ppm ethylene oxide
- 1 ppm phosphine
- 5 ppm methyl bromide
- 15 ppm sulfuryl fluoride
- 10 ppm formaldehyde
- 10 ppm chloroform

