

Chlorobenzene 5/a

Order No. 67 28 761

Application Range

Standard Measuring Range:	5 to 200 ppm
Number of Strokes n:	10
Time for Measurement:	approx. 3 min.
Standard Deviation:	± 10 to 15 %
Color Change:	blue → yellowish-grey

Ambient Operating Conditions

Temperature:	10 to 40 °C
Absolute Humidity:	3 to 15 mg H ₂ O / L

Reaction Principle

- $C_6H_5Cl + Cr^{VI} \rightarrow HCl$
- $HCl + \text{bromophenol blue} \rightarrow \text{yellow reaction product}$

Cross Sensitivity

Other chlorinated hydrocarbons are indicated as well, but with different sensitivities. Methylene chloride does not affect the indication. Chlorine and hydrogen chloride in the TLV range are absorbed in the pre-layer, but in such concentrations do not affect the indication.

