

# Chloroprene 5/a

Order No. 67 18 901

C

## Application Range

Standard Measuring Range:	5 to 60 ppm
Number of Strokes n:	3 + 3 desorption strokes in clean air.
Time for Measurement:	approx. 3 min
Standard Deviation:	± 10 to 15 %
Color Change:	violet → yellow brown

## Ambient Operating Conditions

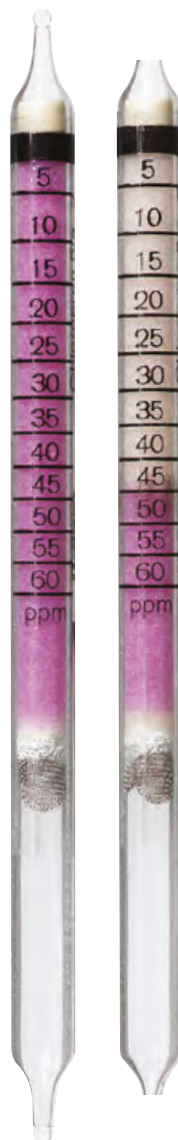
Temperature:	10 to 30 °C
Absolute Humidity:	3 to 15 mg H <sub>2</sub> O / L

## Reaction Principle

$\text{CH}_2=\text{CH}-\text{CCl}=\text{CH}_2 + \text{MnO}_4^- \rightarrow \text{Mn}^{\text{IV}} + \text{various oxidation products}$

## Cross Sensitivity

Many other organic compounds with C=C double bonds are indicated as well, but with different sensitivities. It is impossible to differentiate them. It is impossible to measure chloroprene in the presence of dialkyl sulfides.



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