

Epichlorohydrine 5/c

Order No. 67 28 111

Application Range

Standard Measuring Range:	5 to 80 ppm
Number of Strokes n:	20
Time for Measurement:	approx. 8 min
Standard Deviation:	± 15 to 20 %
Color Change:	pale gray → yellow orange

Ambient Operating Conditions

Temperature:	10 to 40 °C
Absolute Humidity:	5 to 15 mg H ₂ O / L

Reaction Principle

Epichlorohydrin + Cr^{VI} → Cl₂

Cl₂ + o-tolidine → yellow orange reaction product

Cross Sensitivity

Other chlorinated hydrocarbons are indicated as well but with different sensitivities. It is not possible to measure epichlorohydrine in the presence of free halogens and hydrogen halides in the TLV range because they are indicated as well. Petroleum hydrocarbons cause low readings.



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