Olefine 0.05%/a

Order No. CH 31 201



Application Range

Standard Measuring Range: 0.06 to 3.2 vol. % propylene

0.04 to 2.4 vol. % butylene

Number of Strokes n: 20 to 1

Time for Measurement: max. 5 min

Standard Deviation: ± 30 %

Color Change: violet → pale brown

Ambient Operating Conditions

Temperature: 0 to 40 °C

Absolute Humidity: < 30 mg H₂O / L

Reaction Principle

 $\text{CH}_3\text{-CH}_2\text{-CH}=\text{CH}_2 + \text{MnO}_4^- \rightarrow \text{Mn}^{\mathbb{N}} + \text{various oxidation products}$

Cross Sensitivity

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

