

Olefins 0.05%/a

Catalog No CH31201

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: about 5 minutes
Standard Deviation ± 30%
Color Change: violet to pale brown

Ambient Operation Conditions

Temperature: 0 to 40°C
Absolute Humidity: < 30 mg H₂O/L

Reaction Principle

$\text{CH}_3\text{-CH}_2\text{-CH=CH}_2 + \text{MnO}_4^- \longrightarrow \text{Mn}^{\text{IV}} + \text{various oxidation products}$

Cross Sensitivity

Many organic compounds with C=C double bonds are indicated but with different sensitivities. It is impossible to differentiate them.

It is impossible to measure olefins in the presence of dialkyl sulfides.



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