# Diethyl Ether 100/a

Order No. 67 30 501

### Application Range

100 to 4,000 ppm Standard Measuring Range:

Number of Strokes n: 10

Time for Measurement: approx. 3 min Standard Deviation: ± 15 to 20 %

Color Change: orange → green brown

#### Ambient Operating Conditions

15 to 40 °C Temperature:

Absolute Humidity: 3 to 15 mg H<sub>2</sub>O / L

#### Reaction Principle

 $C_2H_5$ -O- $C_2H_5$  +  $Cr^{VI}$   $\rightarrow$   $Cr^{III}$  + various oxidation products

## Cross Sensitivity

Many petroleum hydrocarbons, alcohols, aromatics and esters are indicated as well, but with different sensitivities. It is not possible to differentiate between them.



