

Diethyl Ether 100/a

Order No. 67 30 501

Application Range

Standard Measuring Range:	100 to 4,000 ppm
Number of Strokes n:	10
Time for Measurement:	approx. 3 min
Standard Deviation:	± 15 to 20 %
Color Change:	orange → green brown

Ambient Operating Conditions

Temperature:	15 to 40 °C
Absolute Humidity:	3 to 15 mg H ₂ O / L

Reaction Principle

$$\text{C}_2\text{H}_5\text{-O-C}_2\text{H}_5 + \text{Cr}^{\text{VI}} \rightarrow \text{Cr}^{\text{III}} + \text{various oxidation products}$$

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.



Northside Sales, Co.

Safety & Industrial Products

800-467-9005



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