

# Alcohol 100/a

Catalog No CH29701

**Standard Measuring Range:** 100 to 3,000 ppm  
**Number of Strokes (n):** 10  
**Time for Measurement:** about 90 seconds  
**Standard Deviation:** ±15 to 20%  
**Color Change:** yellow to green

## Ambient Operation Conditions

**Temperature:** 15 to 25°C  
**Absolute Humidity:** < 20 mg H<sub>2</sub>O/L

## Reaction Principle

$\text{R-OH} + \text{Cr}^{\text{VI}} \longrightarrow \text{Cr}^{\text{III}} + \text{various oxidation products}$

## Cross Sensitivity

The tube does not differentiate between different alcohols.

Higher molecular weight (i.e. >C<sub>4</sub>) alcohols are indicated with a markedly reduced sensitivity.

Aldehydes, ethers, ketones and esters are indicated with different sensitivities.

Aromatic petroleum and halogenated hydrocarbons are not indicated.



# Dräger

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