

Order No.  
CH 29501

## Hydrochloric Acid 1/a

**Standard Measuring Range** : 1 to 10 ppm  
**Number of Strokes (n)** : 10  
**Time for Measurement** : app. 2 min  
**Standard Deviation** :  $\pm 10$  to 15 %  
**Colour Change** : blue  $\rightarrow$  yellow

### Ambient Operating Conditions

**Temperature** : 5 to 40 °C  
**Absolute Humidity** : max. 15 mg H<sub>2</sub>O / L

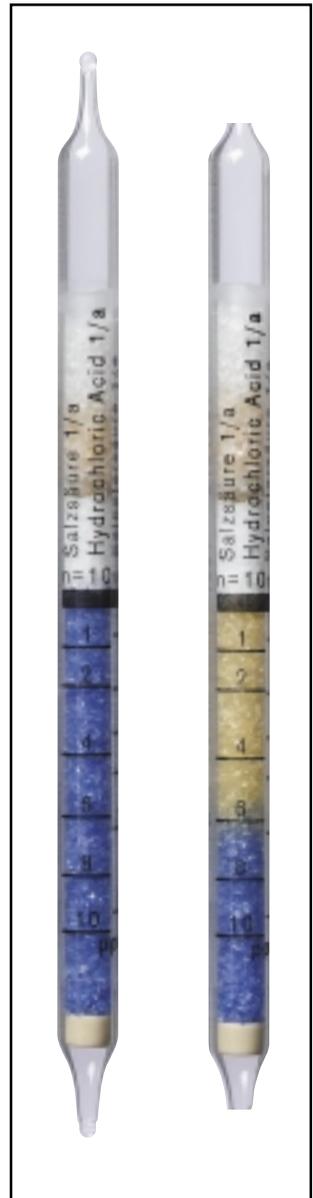
### Reaction Principle

HCl + Bromophenol blue  $\rightarrow$  yellow reaction product

### Cross Sensitivity

Hydrogen sulphide and sulphur dioxide in the TLV range do not interfere. It is impossible to measure hydrochloric acid in the presence of other mineral acids.

Chlorine and nitrogen dioxide are indicated, but with different sensitivities.



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