

# Formic Acid 1/a

Order No. 67 22 701

F

## Application Range

Standard Measuring Range:	1 to 15 ppm
Number of Strokes n:	20
Time for Measurement:	approx. 3 min
Standard Deviation:	± 10 to 15 %
Color Change:	blue violet → yellow

## Ambient Operating Conditions

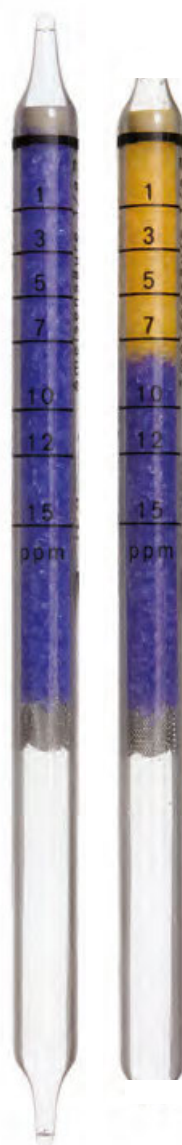
Temperature:	10 to 50 °C
Absolute Humidity:	< 30 mg H <sub>2</sub> O / L

## Reaction Principle

$\text{HCOOH} + \text{pH indicator} \rightarrow \text{yellow reaction product}$

## Cross Sensitivity

It is impossible to measure formic acid in the presence of other acids. Organic acids are indicated by the same color change, but partly with different sensitivity. Mineral acids, e.g. hydrochloric acid are indicated with different sensitivity and by red color.



D-13306-2010