

# Hydrogen Fluoride 1.5/b

Catalog No CH30301

**Standard Measuring Range:** 1.5 to 15 ppm  
**Number of Strokes (n):** 20  
**Time for Measurement:** about 2 minutes  
**Standard Deviation:**  $\pm 15$  to 20%  
**Color Change:** pale blue to pale pink

## Ambient Operation Conditions

**Temperature:** 15 to 30°C  
**Absolute Humidity:** maximum 9 mg H<sub>2</sub>O/L

## Reaction Principle

$\text{HF} + \text{Zr}(\text{OH})_4/\text{Quinalizarin} \longrightarrow (\text{ZrF}_6)^2 + \text{Quinalizarin}$

## Cross Sensitivity

In the presence of higher humidity (> 9 mg H<sub>2</sub>O/L), hydrogen fluoride mist is generated, which cannot be quantitatively indicated by the detector tube (i.e. the indication is too low).

Other halogenated hydrogens in the TLV range do not interfere.



# Dräger

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