

Hydrogen Fluoride 0.5/a

Order No. 81 03 251

H

Application Range

Standard Measuring Range:	0.5 to 15 ppm	/ 10 to 90 ppm
Number of Strokes n:	10	/ 2
Time for Measurement:	approx. 2 min	/ approx. 25 s
Standard Deviation:	± 20 to 30 %	
Color Change:	blue violet → yellow	

Ambient Operating Conditions

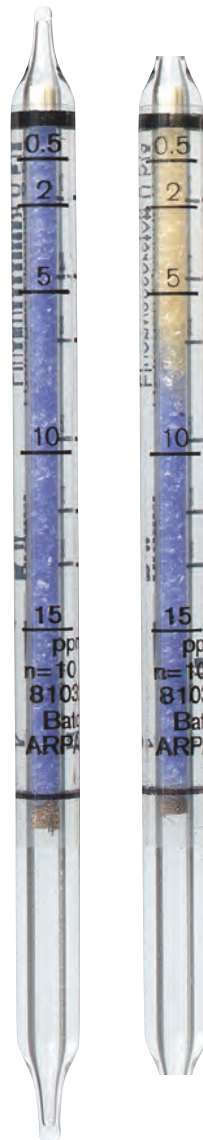
Temperature:	10 to 40 °C
Absolute Humidity:	30 to 80 %

Reaction Principle

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

Cross Sensitivity

Other mineral acids, e.g. hydrochloric acid or nitric acid, are indicated. Alkaline gases, e.g. ammonia, causes minus results or prevents an indication.



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