

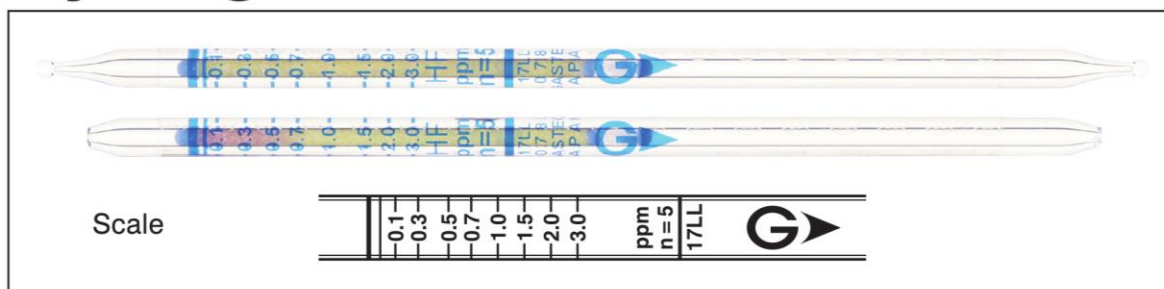


Hydrogen Fluoride HF

Part No.: 17LL

Hydrogen Fluoride HF

No.17LL



Performance The minimum scale value (0.05ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	(0.05) to 3.0 ppm	3.0 to 6.9 ppm	6.9 to 24 ppm
Number of pump strokes	5 (500 mL)	3 (300 mL)	1 (100 mL)
Correction factor	1	2.3	8.0
Sampling time	5 min	3 min	1 min

Detecting limit : 0.025 ppm (5 pump strokes)

Colour change : Yellow → Brown

Operating conditions : Temperature 10 to 35 °C (50 to 95 °F) correction used

Relative humidity 20 to 80 % correction used

Relative standard deviation : 10 % (for 0.05 to 1.0 ppm), 5 % (for 1.0 to 3.0 ppm)

Tube quantity and number of tests per box : 10 tubes for 10 tests

Shelf life : 24 months

Reaction principle

HF + Indicator → Reaction product

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Nitric acid	≥ 1.0 ppm	+	Pale reddish purple
Hydrogen chloride	≥ 0.1 ppm	+	Reddish purple
Hydrogen peroxide	10 ppm	No	No

Calibration gas generation

Permeation tube method