

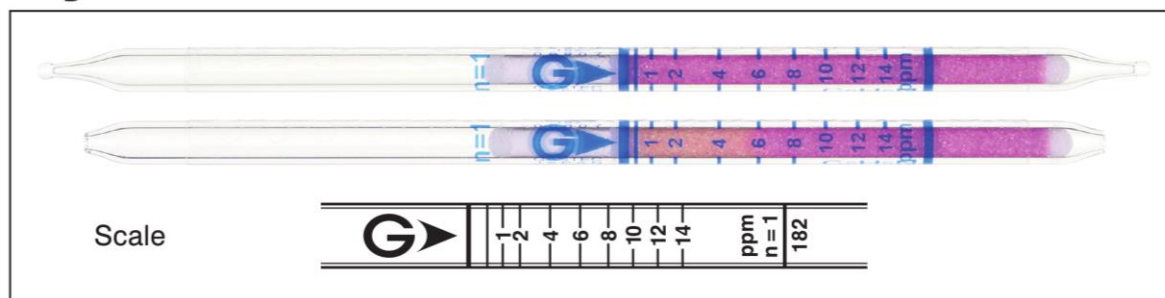


Pyridine C₅H₅N

Part No.: 182

Pyridine C₅H₅N

No.182



Performance The minimum scale value (0.5ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.2 to 0.5 ppm	(0.5) to 14 ppm	14 to 35 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.4	1	2.5
Sampling time	1 min	30 sec	30 sec

Detecting limit : 0.1 ppm (2 pump strokes)

Colour change : Pink → Yellow

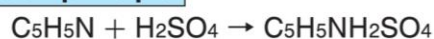
Operating conditions : Temperature 0 to 40 °C (32 to 104 °F) correction used
Relative humidity 10 to 90 % correction not used

Relative standard deviation : 10 % (for 0.5 to 4 ppm), 5 % (for 4 to 14 ppm)

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

Shelf life : 36 months

Reaction principle



Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Aliphatic amines		+	Yellow
Ammonia		+	
Aromatic amines		+	
Hydrazine		+	

Other substance measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
4-Methyl pyridine	Factor : 0.75	1	0.38 to 10.5 ppm

Calibration gas generation

Diffusion tube method