

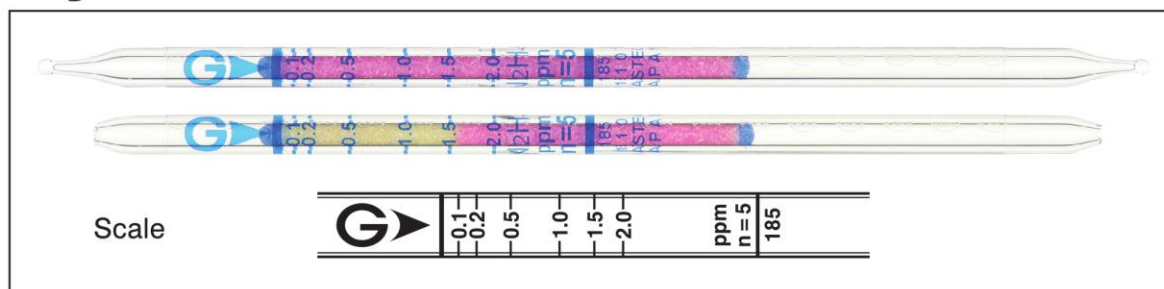


Hydrazine N₂H₄

Part No.: 185

Hydrazine N₂H₄

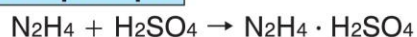
No.185



Performance

Measuring range	0.04 to 0.1 ppm	0.1 to 2.0 ppm
Number of pump strokes	10 (1000 mL)	5 (500 mL)
Correction factor	0.4	1
Sampling time	10 min	5 min
Detecting limit :	0.01 ppm (10 pump strokes)	
Colour change :	Pink → Yellow	
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 0 to 90 % correction used	
Relative standard deviation :	10 % (for 0.1 to 0.5 ppm) , 5 % (for 0.5 to 2 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
Amines		+	} Yellow
Ammonia		+	

Other substances measurable with this detector tube

Substance	Correction	No. of pump strokes	Measuring range
Dimethylhydrazine	Factor : 1	5	0.1 to 2 ppm
Methyl hydrazine	Factor : 6	5	0.6 to 12 ppm

Calibration gas generation

Permeation tube method