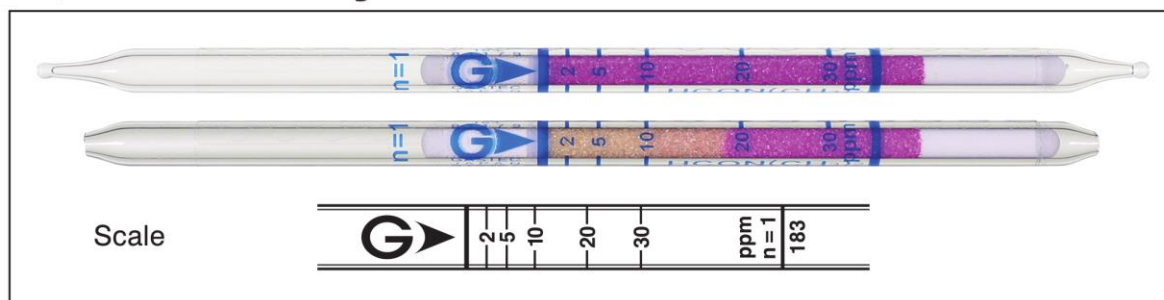




N,N-Dimethylformamide HCON (CH₃)₂ 2

Part No.:183

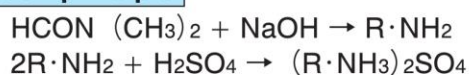
N,N-Dimethylformamide HCON(CH₃)₂ No.183



Performance

Measuring range	0.8 to 2 ppm	2 to 30 ppm	30 to 90 ppm
Number of pump strokes	2 (200 mL)	1 (100 mL)	1/2 (50 mL)
Correction factor	0.4	1	3
Sampling time	2 min	1 min	30 sec
Detecting limit :	0.1 ppm (2 pump strokes)		
Colour change :	Pink → Pale vermilion		
Operating conditions :	Temperature 0 to 40 °C (32 to 104 °F) correction used Relative humidity 30 to 90 % correction not used		
Relative standard deviation :	15 % (for 2 to 10 ppm) , 10 % (for 10 to 30 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		+	} Pale vermilion
Ammonia		+	
Hydrazine		+	

Calibration gas generation

Diffusion tube method