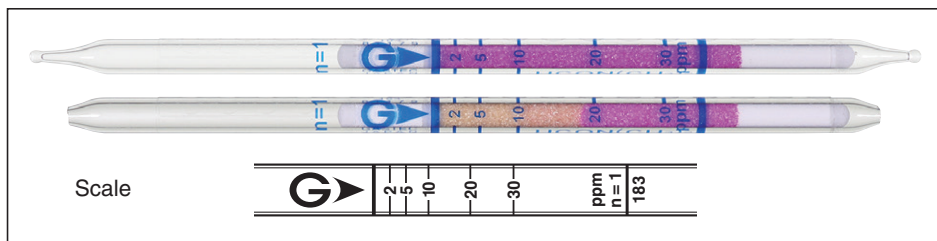


N,N-Dimethylformamide $\text{HCON}(\text{CH}_3)_2$ No.183

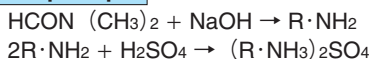


Performance

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