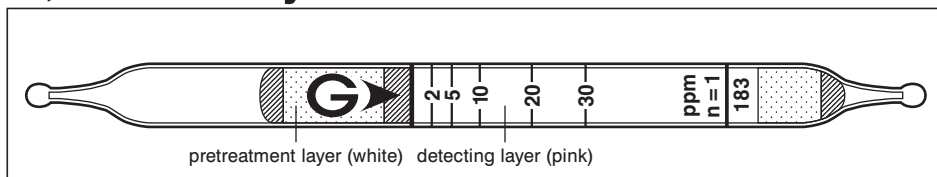


# N,N-Dimethylformamide $\text{HCON}(\text{CH}_3)_2$ No.183



## 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)

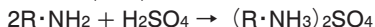
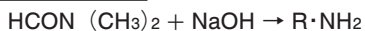
Colour change : Pink → Pale red

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 15 % (for 2 to 10 ppm), 10 % (for 10 to 30 ppm)

Shelf life : 3 years

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Amines		+	} Pale red
Ammonia		+	
Hydrazine		+	

## Calibration gas generation

Diffusion tube method