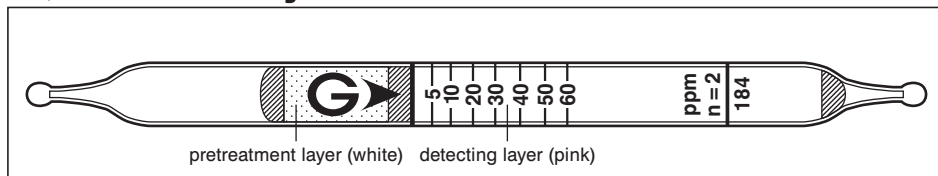


N,N-Dimethylacetamide $\text{CH}_3\text{CON}(\text{CH}_3)_2$ No.184



Performance

Measuring range	1.5 to 5 ppm	5 to 60 ppm	60 to 240 ppm
Number of pump strokes	4 (400 ml)	2 (200 ml)	1 (100 ml)
Correction factor	0.3	1	4
Sampling time	6 min	3 min	1.5 min

Detecting limit : 0.5 ppm (4 pump strokes)

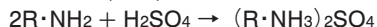
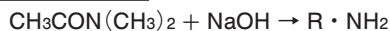
Colour change : Pink → Pale yellow

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 15 % (for 5 to 20 ppm), 10 % (for 20 to 60 ppm)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences

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

Calibration gas generation

Diffusion tube method