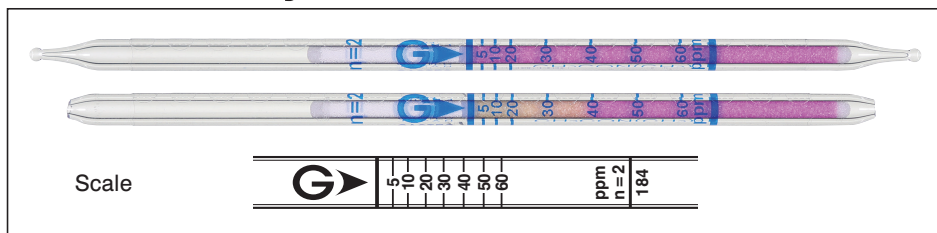


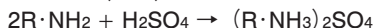
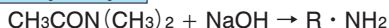
N,N-Dimethylacetamide $\text{CH}_3\text{CON}(\text{CH}_3)_2$ No.184



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		
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 5 to 20 ppm) , 10 % (for 20 to 60 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 yellow
Ammonia		+	
Hydrazine		+	

Calibration gas generation

Diffusion tube method