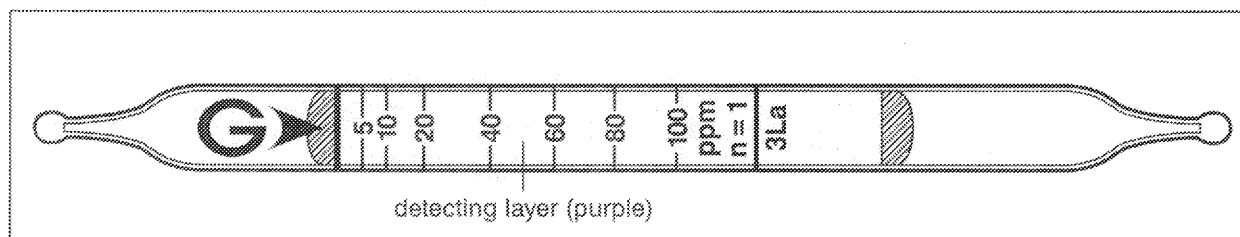


Ammonia NH₃

No.3La



Performance

Measuring range	2.5 to 5 ppm	5 to 100 ppm	100 to 200 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1	2
Sampling time	1 min	30 sec	20 sec

Detecting limit : 0.5 ppm (2 pump strokes)

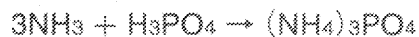
Colour change : Purple → Yellow

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 5 to 20 ppm), 5 % (for 20 to 100 ppm)

Shelf life : 3 years

Reaction principle



Possible coexisting substances and their interferences (NOTE : Page 2-5)

Substance	Concentration	Interference	Changes colour by itself to
Amines	≥ 1/15	+	Yellow (≥ 5 ppm)
Hydrazine		+	Yellow
Carbon Dioxide	≥ 1 %	-	No

Calibration gas generation

Permeation tube method