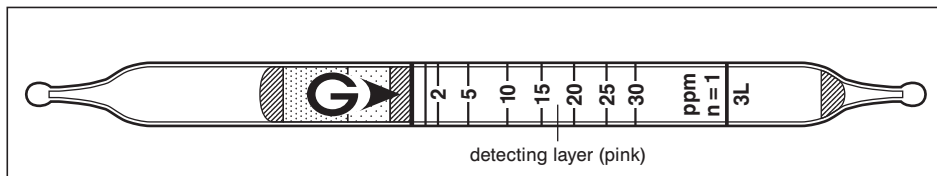


# Ammonia NH<sub>3</sub>

# No.3L



**Performance** The minimum scale value (1ppm) is not printed on the tube, but only the scale line is printed.

Measuring range	0.5 to 1 ppm	(1) to 30 ppm	30 to 78 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)	1/2 (50 ml)
Correction factor	1/2	1	2.6
Sampling time	1.5 min	45 sec	30 sec

Detecting limit : 0.2 ppm (2 pump strokes)

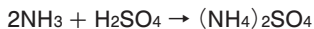
Colour change : Pink → Yellow

Corrections for temperature & humidity : Temperature correction is necessary.

Relative standard deviation : 10 % (for 1 to 10 ppm), 5 % (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	$\geq 1/15$	+	Yellow ( $\geq 5$ ppm)
Hydrazine		+	Yellow
Carbon dioxide	$\geq 1\%$	– (20%)	No

## Calibration gas generation

Permeation tube method