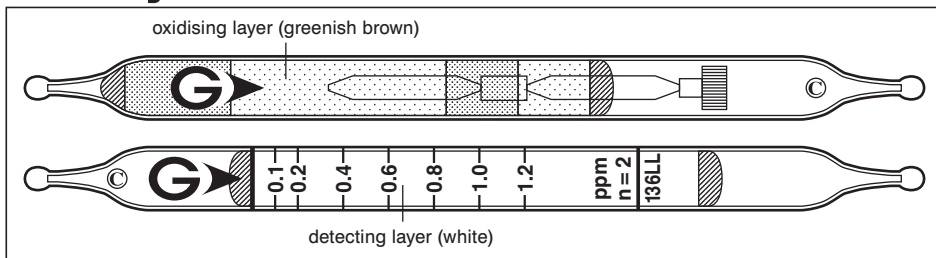


# Methyl Bromide $\text{CH}_3\text{Br}$

No.136LL



## Performance

When used, these tubes are to be connected.

Measuring range	0.1 to 1.2 ppm	1.2 to 3.0 ppm
Number of pump strokes	2 (200 ml)	1 (100 ml)
Correction factor	1	2.5
Sampling time	6 min	3 min

Detecting limit : 0.02 ppm (2 pump strokes)

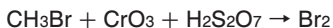
Colour change : White → Pale purple

Corrections for temperature & humidity : Temperature correction is necessary

Relative standard deviation : 10 % (for 0.1 to 0.4 ppm), 5 % (for 0.4 to 1.2 ppm)

Shelf life : 2 years

## Reaction principle



## Possible coexisting substances and their interferences

Substance	Concentration	Interference	Changes colour by itself to
Chlorine	$\geq 5/2$	+	Pale purple ( $\geq 2$ ppm)
Trichloroethylene	$\geq 1/1$	+	Pale purple ( $\geq 1$ ppm)

## Calibration gas generation

Diffusion tube method