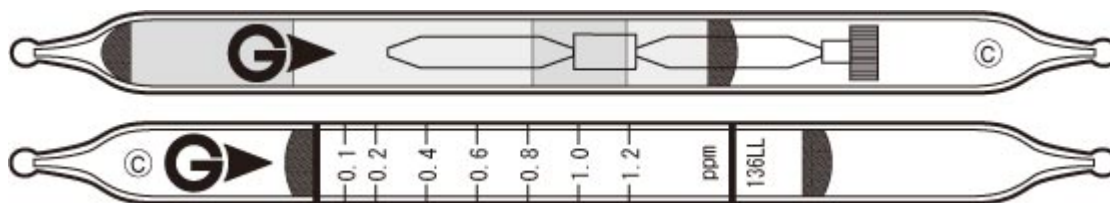


Methyl bromide

NO.136LL

CH₃Br



Performance

Measuring Range	0.1 to 1.2 ppm	1.2 to 3.0 ppm
Number of Pump Strokes	2	1
Correction Factor	1	2.5
Sampling Time	2 minutes per pump stroke	
Detecting Limit	0.02 ppm (n=2)	
Colour Change	White → Pale purple	
Reaction Principle	CH ₃ Br + CrO ₃ + H ₂ S ₂ O ₇ → Br ₂ Br ₂ + 3,3'-DIMETHYLNAPHTHIDINE → reaction product	
Coefficient of Variation	10% (for 0.1 to 0.4 ppm), 5% (for 0.4 to 1.2 ppm)	
Shelf Life	2 Years	
Corrections for temperature & humidity	Temperature correction is necessary	
Store the tubes at cool and dark place.		

Possible coexisting substances and their interferences

Substance	Concentration	Interference	Change colour by itself to
Chlorine	≥5/2	+	Pale purple(≥2ppm)
Trichloroethylene	≥1/1	+	Pale purple(≥1ppm)
Calibration gas generation	Diffusion tube method		
TLV-TWA	TLV-STEL		Explosive range
1 ppm	-		10 to 15%