Methyl Bromide-0.2



Part No. D7086878

Part No. (US): D7086878

Performance:

Measurement Range	2 - 8 ppm	0.2-2 ppm
Number of Strokes	1A+2	1A+5
Sampling Time	60 seconds per stroke	
Relative Standard Deviation	± 25 %	
Colour Change	White	Orange

^{* 1}A+2 = 1 reverse activation stroke + 2 normal sampling stokes. Refer instructions for use supplied with detector tubes.

Reaction Principle:

 $CH_3Br + Cr^{6+} + H_2SO_4 \rightarrow Br_2$

Br₂ + o-Tolidine → Reaction product

Operating Conditions:

Detector tubes can be used between 2 °C and 40 °C (35.6 °F and 104 °F). Water vapor up to 90 % R.H.(46 mg/l at 40 °C (104 °F) will not affect the accuracy of indication.

Interferences and Cross Sensitivities:

Compound	Interference
Ammonia, Phosphine, Ethylene oxide and Formaldehyde.	No interference
Vinyl chloride < 2 ppm, Chloropicrin < 0.1 ppm.	No interference
Ethylene dibromide	can be detected with correction factor 1 on n=5 scale.
Per or Trichloroethylene	If present, methyl bromide cannot be measured.



TLV(TWA): 1 ppm TLV(STEL): N.A. Flammable Range: 10 - 16%