Order No.
81 01671

Methyl Bromide 0.5/a

Standard Measuring Range	:	5 to 30 / 0.5 to 5 ppm
Number of Strokes (n)	:	2 / 5
Time for Measurement	:	app. 2 min / app. 5 min
Standard Deviation	:	± 15 to 20 %
Colour Change	:	white —> blue green

Ambient Operating Conditions

Temperature	:	0 to 40 °C
Absolute Humidity	:	max. 20 mg H_2O / L

Reaction Principle

a) $CH_3Br + H_2S_2O_7$ —> HBr
b_1) $HBr + Cr^{VI}$ —> Br_2
b) Br_2 + o-Tolidin —> blue reaction product

Cross Sensitivity

Vinyl chloride: 2 ppm no reading.
Carbon tetrachloride: 2 ppm no reading
Perchloroethylene and Trichloroethylene: 5 ppm changes the indicating layer to a light yellow.
1.2-dichloroethylene: 20 ppm result in a reading of app. 3 ppm.
1.1-dichloroethylene: up to 2 ppm the sensitivity is the same as with methyl bromide.

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