

Methyl Bromide 3/a

Order No. 67 28 211

M

Application Range

Standard Measuring Range:	10 to 100 / 3 to 35 ppm
Number of Strokes n:	5 activation strokes in methyl bromide free air before testing. 2 / 5
Time for Measurement:	approx. 1 min / approx. 2.5 min
Standard Deviation:	± 10 to 15 %
Color Change:	pale grey green → blue grey

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	5 to 12 mg H ₂ O / L

Reaction Principle

- a) $\text{CH}_3\text{Br} + \text{H}_2\text{S}_2\text{O}_7 \rightarrow \text{gaseous cleavage product}$
- b₁) Gaseous cleavage product + $\text{KMnO}_4 \rightarrow \text{Br}_2$
- b₂) $\text{Br}_2 + \text{Diphenylbenzidine} \rightarrow \text{blue grey reaction product}$

Cross Sensitivity

Other chlorinated hydrocarbons are indicated, but with different sensitivities.

