

Methyl Bromide 3/a

Order No.

67 28211



Standard Measuring Range : 10 to 100 / 3 to 35 ppm
Number of Strokes (n) : 5 activation strokes
before testing.
2 / 5
Time for Measurement : app. 1 min / app. 3 min
Standard Deviation : ± 10 to 15 %
Colour Change : pale grey \rightarrow green

Ambient Operating Conditions

Temperature : 0 to 40 °C
Absolute Humidity : 5 to 12 mg H₂O / L

Reaction Principle

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

Cross Sensitivity

Other chlorinated hydrocarbons are indicated but with different sensitivities.

SI-202-2001