

Methyl Bromide 3/a

Catalog No 6728211

Standard Measuring Range: 10 to 100 / 3 to 35 ppm
Number of Strokes (n): 5 activation strokes before testing
2 / 5
Time for Measurement: about 1 minute / about 3 minutes
Standard Deviation: ± 10 to 15%
Color Change: pale grey to green

Ambient Operation Conditions

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

Reaction Principle

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

Cross Sensitivity

Other chlorinated hydrocarbons are indicated but with different sensitivities.



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