

Organic Basic Nitrogen Compounds

Order No.

CH 25903



SI-77-2001

Standard Measuring Range : 1 mg/m³ corresponds to a discoloration of 1 to 2 mm in length.

Number of Strokes (n) : 8
Time for Measurement : app. 1.5 min
Standard Deviation : ± 50 %
Colour Change : yellow → orange red

Ambient Operating Conditions

Temperature : 0 to 40 °C
Absolute Humidity : < 50 mg H₂O / L

Reaction Principle

$\text{NR}_3 + \text{KBiI}_4 \rightarrow \text{orange red reaction product}$

Cross Sensitivity

Various organic basic nitrogen compounds are indicated. It is impossible to differentiate between them.