

Organic Basic Nitrogen Compounds

Order No. CH 25 903

Application Range

Standard Measuring Range:	1 mg/m ³ corresponds to a discoloration of 1 to 2 mm in length.
Number of Strokes n:	8
Time for Measurement:	approx. 1.5 min
Standard Deviation:	± 50 %
Color Change:	yellow → orange red

Ambient Operating Conditions

Temperature:	0 to 40 °C
Absolute Humidity:	< 50 mg H ₂ O / L

Reaction Principle

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

Cross Sensitivity

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

