## **Dimethyl Formamide 10/b**

Catalog No 6718501

Standard Measuring Range: 10 to 40 ppm

Number of Strokes (n): 10

Time for Measurement: about 3 minutes

Standard Deviation: ± 20 to 30%

**Color Change:** yellow to blue grey

## **Ambient Operation Conditions**

Temperature: 15 to 35°C

**Absolute Humidity:**  $< 3 \text{ to } 12 \text{ mg H}_2\text{O/L}$ 

## **Reaction Principle**

a) Dimethylformamide + NaOH ----> NH<sub>3</sub>

b) NH<sub>3</sub> + pH Indicator -----> blue reaction product

## **Cross Sensitivity**

It is not possible to measure dimethylformamide in the presence of other basic substances (e.g. organic amines, ammonia and hydrazine).



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