

# Chloroformates 0.2/b

Catalog No 6718601

**Standard Measuring Range:** 0.2 to 10 ppm  
**Number of Strokes (n):** 20  
**Time for Measurement:** about 3 minutes  
**Standard Deviation:** ± 20 to 30%  
**Color Change:** white to yellow

## Ambient Operation Conditions

**Temperature:** 10 to 40°C  
**Absolute Humidity:** 5 to 15 mg H<sub>2</sub>O/L

## Reaction Principle

CICOOR + 4-(4-Nitrobenzyl)-pyridine → yellow reaction product

## Cross Sensitivity

Methyl, ethyl and isopropylchloroformate are indicated with approximately the same sensitivity. It is impossible to differentiate between them.

Petroleum hydrocarbons, aromatics, alcohols and ketones do not interfere in the TLV range.

It is impossible to measure chloroformates in the presence of phosgene.



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