

Nitrous Fumes 2/a

Order No. CH 31 001

Application Range

| | | |
|---------------------------|-------------------------------|---------------|
| Standard Measuring Range: | 5 to 100 | / 2 to 50 ppm |
| Number of Strokes n: | 5 | / 10 |
| Time for Measurement: | approx. 1 min / approx. 2 min | |
| Standard Deviation: | ± 10 to 15 % | |
| Color Change: | yellow → blue grey | |

Ambient Operating Conditions

| | |
|--------------------|---------------------------------|
| Temperature: | 10 to 30 °C |
| Absolute Humidity: | max. 30 mg H ₂ O / L |

Reaction Principle

- a) $\text{NO} + \text{Cr}^{\text{VI}} \rightarrow \text{NO}_2$
- b) $\text{NO}_2 + \text{o-diphenylbenzidine} \rightarrow \text{blue grey reaction product}$

Cross Sensitivity

Chlorine and ozone are indicated with different sensitivities.



Northside Sales, Co.

Safety & Industrial Products

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