

Thioether

Order No. CH 25 803

Application Range

| | |
|---------------------------|--|
| Standard Measuring Range: | 1 mg/m ³ is the minimum detectable concentration in form of a ring. |
| Number of Strokes n: | 8 |
| Time for Measurement: | approx. 1.5 min |
| Standard Deviation: | ± 50 % |
| Color Change: | yellow → orange |

Ambient Operating Conditions

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

Reaction Principle

$R^1-S-R + AuCl_3 + \text{Chloramide} \rightarrow \text{orange reaction product}$

Cross Sensitivity

Various thioethers are indicated, but it is impossible to differentiate between them.

Additional Information

After performing the required eight pump strokes the reagent ampoule must be broken and the liquid transferred completely onto the indication layer.



ST-149-2001